

**EXD 2013/2014: all cited papers
(papers of ADF members marked yellow)**

Nr.	Title	Authors	Publicat	Volu	Issu	DOI	2013	2014	2015	Total Citations
1.	Vitiligo: interplay between oxidative stress and immune system	Laddha, Naresh C.; Dwivedi, Mitesh; Mansuri, Mohmmad S.; Gani, Amina R.; Ansarullah, Md; Ramachandran, A. V.; Dalai, Sarat; Begum,	2013	22	4	10.1111/ex	8	26	9	43
2.	Cold atmospheric plasma, a new strategy to induce senescence in melanoma cells	Arndt, Stephanie; Wacker, Eva; Li, Yang-Fang; Shimizu, Tetsuji; Thomas, Hubertus M.; Morfill, Gregor E.; Karrer, Sigrid; Zimmermann, Julia L.; Bosserhoff, Anja-Katrin	2013	22	4	10.1111/ex	0	17	5	22
3.	The skin surface as antimicrobial barrier: present concepts and future outlooks	Harder, Juergen; Schroeder, Jens-Michael; Glaeser, Regine	2013	22	1	10.1111/ex	6	12	4	22
4.	Potential role of FoxO1 and mTORC1 in the pathogenesis of Western diet-induced acne	Melnik, Bodo C.; Zouboulis, Christos C.	2013	22	5	10.1111/ex	5	13	3	21
5.	Genetic alterations in RAS-regulated pathway in acral lentiginous melanoma	Puig-Butille, Joan A.; Badenas, Celia; Ogbah, Zighereda; Carrera, Cristina; Aguilera, Paula; Malveyh, Josep; Puig, Susana	2013	22	2	10.1111/ex	3	14	2	19
6.	Evidence for a regulatory loop between IFN- and IL-33 in skin inflammation	Seltmann, Jenny; Werfel, Thomas; Wittmann, Miriam	2013	22	2	10.1111/ex	1	7	9	17
7.	What causes alopecia areata?: Section Editors: Ralf Paus, Manchester/Lubeck and Raymond Cho, San Francisco	McElwee, K. J.; Gilhar, A.; Tobin, D. J.; Ramot, Y.; Sundberg, J. P.; Nakamura, M.; Bertolini, M.; Inui, S.; Tokura, Y.; King, L. E., Jr.; Duque-Estrada, B.; Tosti, A.; Keren, A.; Itami, S.; Shoenfeld, Y.; Zlotogorski, A.; Paus, R.	2013	22	9	10.1111/ex	1	11	4	16
8.	Androgen actions on the human hair follicle: perspectives	Inui, Shigeki; Itami, Satoshi	2013	22	3	10.1111/ex	1	9	5	15
9.	Carnosic acid, a phenolic diterpene from rosemary, prevents UV-induced expression of matrix metalloproteinases in human skin fibroblasts and keratinocytes	Park, Miyoung; Han, Jiwon; Lee, Chang Seok; Soo, Baek Heung; Lim, Kyung-Min; Ha, Hunjoo	2013	22	5	10.1111/ex	2	6	6	14
10.	Imaging actinic keratosis by high-definition optical coherence tomography. Histomorphologic correlation: a pilot study	Boone, Marc A. L. M.; Norrenberg, Sarah; Jemec, Gregor B. E.; Del Marmol, Veronique	2013	22	2	10.1111/ex	1	5	8	14
11.	The Th2 cytokine, interleukin-4, abrogates the cohesion of normal stratum corneum in mice: implications for pathogenesis of atopic dermatitis	Hatano, Yutaka; Adachi, Yasuko; Elias, Peter M.; Crumrine, Debra; Sakai, Takashi; Kurahashi, Rieko; Katagiri, Kazumoto; Fujiwara, Sakuhei	2013	22	1	10.1111/ex	3	10	1	14
12.	A practical guide for the study of human and murine sebaceous glands in situ	Hinde, Eleanor; Haslam, Iain S.; Schneider, Marlon R.; Langan, Ewan A.; Kloepper, Jennifer E.; Schramm, Carolin; Zouboulis, Christos C.; Paus, Ralf	2013	22	10	10.1111/ex	1	6	6	13
13.	TRPV3: a 'more than skinny' channel	Nilius, Bernd; Biro, Tamas	2013	22	7	10.1111/ex	1	8	4	13

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14.	Vemurafenib: an unusual UVA-induced photosensitivity	Gelot, Pauline; Dutartre, Herve; Khammari, Amir; Boisrobert, Aurelie; Schmitt, Caroline; Deybach, Jean-Charles; Nguyen, Jean-Michel; Seite, Sophie; Dreno, Brigitte	2013	22	4	10.1111/ex	2	7	4	13
15.	Deletion of the activating NKG2C receptor and a functional polymorphism in its ligand HLA-E in psoriasis susceptibility	Zeng, Xue; Chen, Haoyan; Gupta, Rashmi; Paz-Altschul, Oscar; Bowcock, Anne M.; Liao, Wilson	2013	22	10	10.1111/ex	1	6	5	12
16.	Staphylococcus aureus skin colonization is promoted by barrier disruption and leads to local inflammation	Wanke, Ines; Skabytska, Yuliya; Kraft, Beatrice; Peschel, Andreas; Biedermann, Tilo; Schitteck, Birgit	2013	22	2	10.1111/ex	2	5	5	12
17.	The importance of free fatty acid chain length for the skin barrier function in atopic eczema patients	van Smeden, Jeroen; Janssens, Michelle; Kaye, Edward C. J.; Caspers, Peter J.; Lavrijsen, Adriana P.; Vreeken, Rob J.; Bouwstra, Joke A.	2014	23	1	10.1111/ex	0	8	3	11
18.	Azelaic acid reduced senescence-like phenotype in photo-irradiated human dermal fibroblasts: possible implication of PPAR?	Briganti, Stefania; Flori, Enrica; Mastrofrancesco, Arianna; Kovacs, Daniela; Camera, Emanuela; Ludovici, Matteo; Cardinali, Giorgia; Picardo, Mauro	2013	22	1	10.1111/ex	0	6	5	11
19.	Jakpot! New small molecules in autoimmune and inflammatory diseases	Ghoreschi, Kamran; Gadina, Massimo	2014	23	1	10.1111/ex	0	4	6	10
20.	No human virus sequences detected by next-generation sequencing in benign verrucous skin tumors occurring in BRAF-inhibitor-treated patients	Ganzenmueller, Tina; Hage, Elias; Yakushko, Yuri; Kluba, Jeanette; Woltemate, Sabrina; Schacht, Vivien; Schulz, Thomas F.; Gutzmer, Ralf	2013	22	11	10.1111/ex	0	4	6	10
21.	A mouse model of vitiligo induced by	Zhu, Yiping; Wang, Suiquan; Xu, Aie	2013	22	7	10.1111/ex	0	8	2	10
22.	Functional melanocortin 1 receptor Mc1r is not necessary for an inflammatory response to UV radiation in adult mouse skin	Wolnicka-Glubisz, Agnieszka; De Fabo, Edward; Noonan, Frances	2013	22	3	10.1111/ex	4	3	3	10
23.	Skewed distribution of natural killer cells in psoriasis skin lesions	Batista, Mariana D.; Ho, Emily L.; Kuebler, Peter J.; Milush, Jeffrey M.; Lanier, Lewis L.; Kallas, Esper G.; York, Vanessa A.; Chang, David; Liao, Wilson; Unemori, Patrick; Leslie, Kieron S.; Maurer, Toby; Nixon, Douglas F.	2013	22	1	10.1111/ex	4	5	1	10
24.	Cutaneous glucocorticosteroidogenesis: securing local homeostasis and the skin integrity	Slominski, Andrzej T.; Manna, Pulak R.; Tuckey, Robert C.	2014	23	6	10.1111/ex	0	3	6	9
25.	The balance between pro- and anti-inflammatory cytokines is crucial in human allergic contact dermatitis pathogenesis: the role of IL-1 family members	Mattii, Martina; Ayala, Fabio; Balato, Nicola; Filotico, Raffaele; Lembo, Serena; Schiattarella, Maria; Patruno, Cataldo; Marone, Gianni; Balato, Anna	2013	22	12	10.1111/ex	0	7	2	9
26.	Impact of next generation sequencing on diagnostics in a genetic skin disease clinic	Takeichi, Takuya; Nanda, Arti; Liu, Lu; Salam, Amr; Campbell, Patrick; Fong, Kenneth; Akiyama, Masashi; Ozoemena, Linda; Stone, Kristina L.; Al-Ajmi, Hejab; Simpson, Michael A.; McGrath, John A.	2013	22	12	10.1111/ex	0	3	6	9

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27.	Acute irritant threshold correlates with barrier function, skin hydration and contact hypersensitivity in atopic dermatitis and rosacea	Darlenski, Razvigor; Kazandjieva, Jana; Tsankov, Nikolai; Fluhr, Joachim W.	2013	22	11	10.1111/ex	0	6	3	9
28.	The carbohydrate switch between pathogenic and immunosuppressive antigen-specific antibodies	Collin, Mattias; Ehlers, Marc	2013	22	8	10.1111/ex	1	4	4	9
29.	Mast cell activity in the healing wound: more than meets the eye?	Wulff, Brian C.; Wilgus, Traci A.	2013	22	8	10.1111/ex	0	4	5	9
30.	CDKN2A and MC1R variants influence dermoscopic and confocal features of benign melanocytic lesions in multiple melanoma patients	Bassoli, Sara; Maurichi, Andrea; Rodolfo, Monica; Casari, Alice; Frigerio, Simona; Pupelli, Gaia; Farnetani, Francesca; Pelosi, Giuseppe; Santinami, Mario; Pellacani, Giovanni	2013	22	6	10.1111/ex	0	3	6	9
31.	miR-155 is involved in tumor progression of mycosis fungoides	Moyal, Lilach; Barzilai, Aviv; Gorovitz, Batia; Hirshberg, Avi; Amariglio, Ninette; Jacob-Hirsch, Jasmine; Maron, Leah; Feinmesser, Meora; Hodak, Emmilia	2013	22	6	10.1111/ex	2	2	5	9
32.	Leptin induces secretion of pro-inflammatory cytokines by human keratinocytes in vitro a possible reason for increased severity of psoriasis in patients with a high body mass index	Xue, Ke; Liu, Haiyan; Jian, Qiang; Liu, Boqiang; Zhu, Dongning; Zhang, Min; Gao, Lin; Li, Chengxin	2013	22	6	10.1111/ex	1	3	5	9
33.	Mesenchymal stem cell therapy in skin: why and what for?	Khosrotehrani, Kiarash	2013	22	5	10.1111/ex	1	6	2	9
34.	Insight into newly discovered innate immune modulation in atopic dermatitis	Park, Chang Ook; Noh, Seongmin; Jin, Shan; Lee, Na Ra; Lee, Yun Sun; Lee, Hemin; Lee, Jungsoo; Lee, Kwang Hoon	2013	22	1	10.1111/ex	3	4	2	9
35.	Distinct melanoma types based on reflectance confocal microscopy	Pellacani, Giovanni; De Pace, Barbara; Reggiani, Camilla; Cesinaro, Anna Maria; Argenziano, Giuseppe; Zalaudek, Iris; Soyer, H. Peter; Longo, Caterina	2014	23	6	10.1111/ex	0	0	8	8
36.	Vitiligo and alopecia areata: apples and oranges?	Harris, John E.	2013	22	12	10.1111/ex	0	6	2	8
37.	Optical coherence tomography for presurgical margin assessment of non-melanoma skin cancer - a practical approach	Alawi, Seyed Arash; Kuck, Monika; Wahrlich, Caroline; Batz, Sebastian; McKenzie, Gordon; Fluhr, Joachim W.; Lademann, Juergen; Ulrich, Martina	2013	22	8	10.1111/ex	1	3	4	8
38.	Black tattoo inks induce reactive oxygen species production correlating with aggregation of pigment nanoparticles and product brand but not with the polycyclic aromatic hydrocarbon content	Hogsberg, Trine; Jacobsen, Nicklas Raun; Clausen, Per Axel; Serup, Jorgen	2013	22	7	10.1111/ex	1	5	2	8
39.	TNF alpha- and IL-17A-mediated S100A8 expression is regulated by p38 MAPK	Mose, Maike; Kang, Zhanyuan; Raaby, Line; Iversen, Lars; Johansen, Claus	2013	22	7	10.1111/ex	1	3	4	8
40.	Fisetin inhibits growth, induces G(2)/M arrest and apoptosis of human epidermoid carcinoma A431 cells: role of mitochondrial membrane potential disruption and consequent caspases activation	Pal, Harish C.; Sharma, Samriti; Elmets, Craig A.; Athar, Mohammad; Afaq, Farrukh	2013	22	7	10.1111/ex	0	6	2	8

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41.	NADPH oxidase is a novel target of delphinidin for the inhibition of UVB-induced MMP-1 expression in human dermal fibroblasts	Lim, Tae-Gyu; Jung, Sung Keun; Kim, Jong-eun; Kim, Yoona; Lee, Hyong Joo; Jang, Tae Su; Lee, Ki Won	2013	22	6	10.1111/ex	0	5	3	8
42.	How do keratinizing disorders and blistering disorders overlap?	Hamada, Takahiro; Tsuruta, Daisuke; Fukuda, Shunpei; Ishii, Norito; Teye, Kwesi; Numata, Sanae; Dainichi, Teruki; Karashima, Tadashi; Ohata, Chika; Furumura, Minao; Hashimoto, Takashi	2013	22	2	10.1111/ex	0	7	1	8
43.	Expression profiles of cortisol-inactivating enzyme, 11-hydroxysteroid dehydrogenase-2, in human epidermal tumors and its role in keratinocyte	Terao, Mika; Itoi, Saori; Murota, Hiroyuki; Katayama, Ichiro	2013	22	2	10.1111/ex	2	4	2	8
44.	High-throughput sequencing of the melanoma	Kunz, Manfred; Dannemann, Michael; Kelso, Janet	2013	22	1	10.1111/ex	1	6	1	8
45.	Molecular genetic analysis of 16 XP-C patients from Germany: environmental factors predominately contribute to phenotype variations	Schaefer, Annika; Hofmann, Lars; Gratchev, Alexei; Laspe, Petra; Schubert, Steffen; Schuerer, Anke; Ohlenbusch, Andreas; Tzvetkov, Mladen; Hallermann, Christian; Reichrath, Joerg; Schoen, Michael P.; Emmert, Steffen	2013	22	1	10.1111/ex	3	4	1	8
46.	A single dose of interleukin-31 (IL-31) causes continuous itch-associated scratching behaviour in mice	Arai, Iwao; Tsuji, Minoru; Takeda, Hiroshi; Akiyama, Nobutake; Saito, Saburo	2013	22	10	10.1111/ex	0	5	2	7
47.	A central role for inducible heat-shock protein 70 in autoimmune vitiligo	Mosenson, Jeffrey A.; Eby, Jonathan M.; Hernandez, Claudia; Le Poole, I. Caroline	2013	22	9	10.1111/ex	0	3	4	7
48.	Genetic control of psoriasis is relatively distinct from that of metabolic syndrome and coronary artery disease	Gupta, Yask; Moeller, Steffen; Zillikens, Detlef; Boehncke, Wolf-Henning; Ibrahim, Saleh M.; Ludwig, Ralf J.	2013	22	8	10.1111/ex	0	6	1	7
49.	MicroRNA expression differs in cutaneous squamous cell carcinomas and healthy skin of immunocompetent individuals	Bruegger, Christelle; Kempf, Werner; Spoerri, Iris; Arnold, Andreas W.; Itin, Peter H.; Burger, Bettina	2013	22	6	10.1111/ex	0	4	3	7
50.	What is the role of antimicrobial peptides (AMP) in acne vulgaris?	Harder, Juergen; Tsuruta, Daisuke; Murakami, Masamoto; Kurokawa, Ichiro	2013	22	6	10.1111/ex	1	5	1	7
51.	Serum levels of high mobility group box 1 correlate with disease severity in recessive dystrophic epidermolysis bullosa	Petrof, Gabriela; Abdul-Wahab, Alya; Proudfoot, Laura; Pramanik, Rashida; Mellerio, Jemima E.; McGrath, John A.	2013	22	6	10.1111/ex	1	2	4	7
52.	Studies of Jak/STAT3 expression and signalling in psoriasis identifies STAT3-Ser727 phosphorylation as a modulator of transcriptional activity	Andres, Rosa M.; Hald, Anne; Johansen, Claus; Kragballe, Knud; Iversen, Lars	2013	22	5	10.1111/ex	2	1	4	7
53.	Delphinidin, a dietary antioxidant, induces human epidermal keratinocyte differentiation but not apoptosis: studies in submerged and three-dimensional epidermal equivalent models	Chamcheu, Jean Christopher; Afaq, Farrukh; Syed, Deeba N.; Siddiqui, Imtiaz A.; Adhami, Vaqar M.; Khan, Nagma; Singh, Sohinderjit; Boylan, Brendan T.; Wood, Gary S.; Mukhtar, Hasan	2013	22	5	10.1111/ex	3	2	2	7

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54.	Curcumin inhibits UVB-induced matrix metalloproteinase-1/3 expression by suppressing the MAPK-p38/JNK pathways in human dermal	Hwang, Bo-Mi; Noh, Eun-Mi; Kim, Jong-Suk; Kim, Jeong-Mi; You, Yong-Ouk; Hwang, Jin-Ki; Kwon, Kang-Beom; Lee, Young-Rae	2013	22	5	10.1111/ex	0	4	3	7
55.	Expansion of epidermal progenitors with high p63 phosphorylation during wound healing of mouse epidermis	Suzuki, Daisuke; Senoo, Makoto	2013	22	5	10.1111/ex	1	4	2	7
56.	Therapeutic and immune effects of 5-aminolevulinic acid photodynamic therapy on UVB-induced squamous cell carcinomas in hairless	Wang, Hongwei; Li, Jingjing; Lv, Ting; Tu, Qingfeng; Huang, Zheng; Wang, Xiuli	2013	22	5	10.1111/ex	1	3	3	7
57.	Differential expression and in vivo secretion of the antimicrobial peptides psoriasin (S100A7), RNase 7, human beta-defensin-2 and-3 in healthy human	Wittersheim, Maike; Cordes, Jesko; Meyer-Hoffert, Ulf; Harder, Juergen; Hedderich, Juergen; Glaeser, Regine	2013	22	5	10.1111/ex	1	4	2	7
58.	Subchronic exposure of titanium dioxide nanoparticles to hairless rat skin	Adachi, Koji; Yamada, Nanako; Yoshida, Yuichi; Yamamoto, Osamu	2013	22	4	10.1111/ex	0	3	4	7
59.	Deficiency of n-6 polyunsaturated fatty acids is mainly responsible for atopic dermatitis-like pruritic skin inflammation in special diet-fed hairless mice	Fujii, Masanori; Nakashima, Hiroyuki; Tomozawa, Junko; Shimazaki, Yuki; Ohyanagi, Chie; Kawaguchi, Naomi; Ohya, Susumu; Kohno, Shigekatsu; Nabe,	2013	22	4	10.1111/ex	0	5	2	7
60.	An aberrant parasympathetic response: a new perspective linking chronic stress and itch	Kim, Hei Sung; Yosipovitch, Gil	2013	22	4	10.1111/ex	1	3	3	7
61.	Neural nitric oxide synthase participates in pemphigus vulgaris acantholysis through upregulation of Rous sarcoma, mammalian target of rapamycin and focal adhesion kinase	Espana, Agustin; Modol, Teresa; Gil, Maria P.; Lopez-Zabalza, Maria J.	2013	22	2	10.1111/ex	1	4	2	7
62.	The complexity of elastic fibre biogenesis in the skin a perspective to the clinical heterogeneity of	Uitto, Jouni; Li, Qiaoli; Urban, Zsolt	2013	22	2	10.1111/ex	0	7	0	7
63.	Enhancing pigmentation via activation of A3 adenosine receptors in B16 melanoma cells and in human skin explants	Madi, Lea; Rosenberg-Haggen, Bianca; Nyska, Abraham; Korenstein, Rafi	2013	22	1	10.1111/ex	1	3	3	7
64.	Skin-penetrating methotrexate alleviates imiquimod-induced psoriasiform dermatitis via decreasing IL-17-producing gamma delta T cells	Byamba, Dashlkhumbe; Kim, Do Young; Kim, Dae-Suk; Kim, Tae-Gyun; Jee, Hyunjoong; Kim, Sung Hee; Park, Tae-Yoon; Yang, Sang-Hwa; Lee, Sang-Kyou; Lee, Min-Geol	2014	23	7	10.1111/ex	0	3	3	6
65.	Cardiovascular biomarkers in patients with psoriasis	Gerdes, Sascha; Osadtschy, Svetlana; Buhles, Norbert; Baurecht, Hansjoerg; Mrowietz, Ulrich	2014	23	5	10.1111/ex	0	4	2	6
66.	Crosstalk among p53 family members in cutaneous carcinoma	Missero, Caterina; Antonini, Dario	2014	23	3	10.1111/ex	0	4	2	6
67.	Molecular interactions of plant oil components with stratum corneum lipids correlate with clinical measures of skin barrier function	Correa, Mary Catherine Mack; Mao, Guangru; Saad, Peter; Flach, Carol R.; Mendelsohn, Richard; Walters, Russel M.	2014	23	1	10.1111/ex	0	4	2	6

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68.	EGFR inhibitors erlotinib and lapatinib ameliorate epidermal blistering in pemphigus vulgaris in a non-linear, V-shaped relationship	Sayar, Beyza S.; Rueegg, Simon; Schmidt, Enno; Sibilia, Maria; Siffert, Myriam; Suter, Maja M.; Galichet, Arnaud; Mueller, Eliane J.	2014	23	1	10.1111/ex	0	2	4	6
69.	Antimicrobial peptides and pro-inflammatory cytokines are differentially regulated across epidermal layers following bacterial stimuli	Percoco, Giuseppe; Merle, Chloe; Jaouen, Thomas; Ramdani, Yasmina; Benard, Magalie; Hillion, Melanie; Mijouin, Lily; Lati, Elian; Feuilloley, Marc; Lefeuvre, Luc; Driouich, Azeddine; Follet-Gueye, Marie-Laure	2013	22	12	10.1111/ex	0	4	2	6
70.	Knock-down of filaggrin does not affect lipid organization and composition in stratum corneum of reconstructed human skin equivalents	van Drongelen, Vincent; Alloul-Ramdhani, Mariam; Danso, Mogbekeloluwa O.; Mieremet, Arnout; Mulder, Aat; van Smeden, Jeroen; Bouwstra, Joke A.; El Ghalbzouri, Abdoelwaheb	2013	22	12	10.1111/ex	0	4	2	6
71.	The immune system of mouse vibrissae follicles: cellular composition and indications of immune privilege	Bertolini, Marta; Meyer, Katja C.; Slominski, Radomir; Kobayashi, Ken; Ludwig, Ralf J.; Paus, Ralf	2013	22	9	10.1111/ex	0	5	1	6
72.	Tobacco smoke-induced skin pigmentation is mediated by the aryl hydrocarbon receptor	Nakamura, Motoki; Ueda, Yukiko; Hayashi, Mai; Kato, Hiroshi; Furuhashi, Takuya; Morita, Akimichi	2013	22	8	10.1111/ex	0	2	4	6
73.	Bacterial landscape of human skin: seeing the forest for the trees	Alexeyev, Oleg A.	2013	22	7	10.1111/ex	1	2	3	6
74.	Are therapeutic effects of antiacne agents mediated by activation of FoxO1 and inhibition of	Melnik, Bodo C.; Schmitz, Gerd	2013	22	7	10.1111/ex	1	4	1	6
75.	Oxytocin modulates proliferation and stress responses of human skin cells: implications for atopic dermatitis	Deing, Verena; Roggenkamp, Dennis; Kuehnl, Jochen; Gruschka, Alisa; Staeb, Franz; Wenck, Horst; Buerkle, Alexander; Neufang, Gitta	2013	22	6	10.1111/ex	0	3	3	6
76.	Role of the aryl hydrocarbon receptor in tobacco smoke extract-induced matrix metalloproteinase-1 expression	Ono, Yuko; Torii, Kan; Fritsche, Ellen; Shintani, Yoichi; Nishida, Emi; Nakamura, Motoki; Shirakata, Yuji; Haarmann-Stemann, Thomas; Abel, Josef; Krutmann, Jean; Morita, Akimichi	2013	22	5	10.1111/ex	1	4	1	6
77.	Age-related changes in the composition of the cornified envelope in human skin	Rinnerthaler, Mark; Duschl, Jutta; Steinbacher, Peter; Salzmann, Manuel; Bischof, Johannes; Schuller, Markus; Wimmer, Herbert; Peer, Thomas; Bauer, Johann W.; Richter, Klaus	2013	22	5	10.1111/ex	1	2	3	6
78.	Wnt5a attenuates Wnt/beta-catenin signalling in human dermal papilla cells	Kwack, Mi Hee; Kim, Moon Kyu; Kim, Jung Chul; Sung, Young Kwan	2013	22	3	10.1111/ex	1	4	1	6
79.	Impaired Notch-MKP-1 signalling in hidradenitis suppurativa: an approach to pathogenesis by evidence from translational biology	Melnik, Bodo C.; Plewig, Gerd	2013	22	3	10.1111/ex	0	4	2	6
80.	Differential effects of topical corticosteroid and calcineurin inhibitor on the epidermal tight junction	Lee, Sang E.; Choi, Yuri; Kim, Song-Ee; Noh, Eun B.; Kim, Soo-Chan	2013	22	1	10.1111/ex	1	3	2	6

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81.	Galectin-7 and actin are components of amyloid deposit of localized cutaneous amyloidosis	Miura, Yoshinori; Harumiya, Satoru; Ono, Koji; Fujimoto, Eita; Akiyama, Minoru; Fujii, Noriko; Kawano, Hiroo; Wachi, Hiroshi; Tajima, Shingo	2013	22	1	10.1111/ex	1	3	2	6
82.	Defining dermal adipose tissue	Driskell, Ryan R.; Jahoda, Colin A. B.; Chuong, Cheng-Ming; Watt, Fiona M.; Horsley, Valerie	2014	23	9	10.1111/ex	0	0	5	5
83.	Mesenchymal stem cell therapy for immune-modulation: the donor, the recipient, and the drugs in-between	Nemeth, Krisztian	2014	23	9	10.1111/ex	0	1	4	5
84.	Regenerative healing, scar-free healing and scar formation across the species: current concepts and future perspectives	Ud-Din, Sara; Volk, Susan W.; Bayat, Ardeshir	2014	23	9	10.1111/ex	0	1	4	5
85.	Matricryptins and matrikines: biologically active fragments of the extracellular matrix	Ricard-Blum, Sylvie; Salza, Romain	2014	23	7	10.1111/ex	0	1	3	5
86.	Modulating hair follicle size with Wnt10b/DKK1 during hair regeneration	Lei, Mingxing; Guo, Haiying; Qiu, Weiming; Lai, Xiangdong; Yang, Tian; Widelitz, Randall B.; Chuong, Cheng-Ming; Lian, Xiaohua; Yang, Li	2014	23	6	10.1111/ex	0	1	4	5
87.	Human hypertrophic and keloid scar models: principles, limitations and future challenges from a tissue engineering perspective	van den Broek, Lenie J.; Limandjaja, Grace C.; Niessen, Frank B.; Gibbs, Susan	2014	23	6	10.1111/ex	0	2	3	5
88.	Topical E6005, a novel phosphodiesterase 4 inhibitor, attenuates spontaneous itch-related responses in mice with chronic atopy-like	Andoh, Tsugunobu; Yoshida, Tetsuro; Kurashi, Yasushi	2014	23	5	10.1111/ex	0	3	2	5
89.	Role of oxidative stress and autoimmunity in onset and progression of vitiligo	Laddha, Naresh C.; Dwivedi, Mitesh; Mansuri, Mohmmad Shoab; Singh, Mala; Gani, Amina R.; Yeola, Asmita P.; Panchal, Vipul N.; Khan, Fazal; Dave, Darshana J.; Patel, Ananddeep; Madhavan, Shajil E.; Gupta, Richa; Marfatia, Zarna; Marfatia, Yogesh S.;	2014	23	5	10.1111/ex	0	2	3	5
90.	Increased cutaneous absorption reflects impaired barrier function of reconstructed skin models mimicking keratinisation disorders	Eckl, Katja-Martina; Weindl, Guenther; Ackermann, Katharina; Kuechler, Sarah; Casper, Ramona; Radowski, Michal R.; Haag, Rainer; Hennies, Hans Christian; Schaefer-Korting, Monika	2014	23	4	10.1111/ex	0	4	1	5
91.	Does prostaglandin D2 hold the cure to male pattern baldness?	Nieves, Ashley; Garza, Luis A.	2014	23	4	10.1111/ex	0	2	3	5
92.	First-in-human trial of nanoelectroablation therapy for basal cell carcinoma: proof of method	Nuccitelli, Richard; Wood, Ryan; Kreis, Mark; Athos, Brian; Huynh, Joanne; Lui, Kaying; Nuccitelli, Pamela; Epstein, Ervin H., Jr.	2014	23	2	10.1111/ex	0	3	2	5
93.	Gene therapy: pursuing restoration of dermal adhesion in recessive dystrophic epidermolysis	Cutlar, Lara; Greiser, Udo; Wang, Wenxin	2014	23	1	10.1111/ex	0	2	3	5
94.	Hair cycle control by leptin as a new anagen inducer	Sumikawa, Yasuyuki; Inui, Shigeaki; Nakajima, Takeshi; Itami, Satoshi	2014	23	1	10.1111/ex	0	3	2	5

**EXD 2013/2014: all cited papers
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95.	Hair miR-29a levels are decreased in patients with scleroderma	Takemoto, Risa; Jinnin, Masatoshi; Wang, Zhongzhi; Kudo, Hideo; Inoue, Kuniko; Nakayama, Wakana; Ichihara, Asako; Igata, Toshikatsu; Kajihara, Ikko; Fukushima, Satoshi; Ihn, Hironobu	2013	22	12	10.1111/ex	0	1	4	5
96.	Oncogenic BRAF signalling increases Mcl-1 expression in cutaneous metastatic melanoma	McKee, Christopher S.; Hill, David S.; Redfern, Christopher P. F.; Armstrong, Jane L.; Lovat, Penny E.	2013	22	11	10.1111/ex	0	2	3	5
97.	Ligand-independent epidermal growth factor receptor hyperactivation increases sebaceous gland size and sebum secretion in mice	Dahlhoff, Maik; de Angelis, Martin Hrabe; Wolf, Eckhard; Schneider, Marlon R.	2013	22	10	10.1111/ex	1	1	3	5
98.	Nicotine affects cutaneous wound healing in stressed mice	de Almeida, Tais F.; Romana-Souza, Bruna; Machado, Saul; Abreu-Villaca, Yael; Monte-Alto-Costa, Andrea	2013	22	8	10.1111/ex	1	1	3	5
99.	Sensitivity to itch and pain in patients with psoriasis and rheumatoid arthritis	van Laarhoven, Antoinette I. M.; Kraaimaat, Floris W.; Wilder-Smith, Oliver H.; van Riel, Piet L. C. M.; van de Kerkhof, Peter C. M.; Evers, Andrea W. M.	2013	22	8	10.1111/ex	0	3	2	5
100.	Turning acne on/off via mTORC1	Danby, F. William	2013	22	7	10.1111/ex	0	4	1	5
101.	Expression analysis of multiple microRNAs in each patient with scleroderma	Koba, Shigeru; Jinnin, Masatoshi; Inoue, Kuniko; Nakayama, Wakana; Honda, Noritoshi; Makino, Katsunari; Kajihara, Ikko; Makino, Takamitsu; Fukushima, Satoshi; Ihn, Hironobu	2013	22	7	10.1111/ex	0	3	2	5
102.	Pretreatment of epidermal growth factor promotes primary hair recovery via the dystrophic anagen pathway after chemotherapy-induced alopecia	Paik, Seung Hwan; Yoon, Ji-Seon; Ryu, Hyeong Ho; Lee, Ji Yeon; Shin, Chang Yup; Min, Kyung Hyun; Jo, Seong Jin; Kim, Kyu Han; Kwon, Ohsang	2013	22	7	10.1111/ex	0	2	3	5
103.	Functional and molecular genetic analyses of nine newly identified XPD-deficient patients reveal a novel mutation resulting in TTD as well as in XP/CS complex phenotypes	Schaefer, Annika; Gratchev, Alexei; Seebode, Christina; Hofmann, Lars; Schubert, Steffen; Laspe, Petra; Apel, Antje; Ohlenbusch, Andreas; Tzvetkov, Mladen; Weishaupt, Carsten; Oji, Vinzenz; Schoen, Michael P.; Emmert, Steffen	2013	22	7	10.1111/ex	0	5	0	5
104.	Commentary from the Editorial Board to Vitiligo: interplay between oxidative stress and immune system (Laddha et al.)	Colucci, Roberta; Boehm, Markus; Moretti, Silvia	2013	22	6	10.1111/ex	1	1	3	5
105.	Radical protection in the visible and infrared by a hyperforin-rich cream - in vivo versus ex vivo	Arndt, Sophia; Haag, Stefan F.; Kleemann, Anke; Lademann, Juergen; Meinke, Martina C.	2013	22	5	10.1111/ex	1	2	2	5
106.	Pituitary tumor-transforming gene 1 as a proliferation marker lacking prognostic value in cutaneous squamous cell carcinoma	Ishitsuka, Yosuke; Kawachi, Yasuhiro; Taguchi, Shijima; Maruyama, Hiroshi; Nakamura, Yoshiyuki; Fujisawa, Yasuhiro; Furuta, Jun-ichi; Nakamura, Yasuhiro; Ishii, Yoshiyuki; Otsuka, Fujio	2013	22	5	10.1111/ex	1	3	1	5
107.	Altered expression of hyaluronan synthase and hyaluronidase mRNA may affect hyaluronic acid distribution in keloid disease compared with normal skin	Sidgwick, Gary P.; Iqbal, Syed A.; Bayat, Ardeshir	2013	22	5	10.1111/ex	0	3	2	5

**EXD 2013/2014: all cited papers
(papers of ADF members marked yellow)**

108.	Topical apigenin improves epidermal permeability barrier homeostasis in normal murine skin by divergent mechanisms	Hou, Maihua; Sun, Richard; Hupe, Melanie; Kim, Peggy L.; Park, Kyungho; Crumrine, Debra; Lin, Tzu-Kai; Santiago, Juan Luis; Mauro, Theodora M.; Elias, Peter M.; Man, Mao-Qiang	2013	22	3	10.1111/ex	1	2	2	5
109.	Cutaneous lymphocyte-associated antigen as a novel predictive marker of TNF-alpha inhibitor biological therapy in psoriasis	Jokai, Hajnalka; Szakonyi, Jozsef; Kontar, Orsolya; Barna, Gabor; Inotai, Dora; Karpati, Sarolta; Hollo, Peter	2013	22	3	10.1111/ex	2	3	0	5
110.	Aggravation of atopic dermatitis-like symptoms by consecutive low concentration of formaldehyde exposure in NC/Nga mice	Kim, Ji-Yun; Jeong, Mi Sook; Park, Kui Young; Seo, Seong Jun	2013	22	3	10.1111/ex	0	4	1	5
111.	9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis	Paterson, Elyse K.; Ho, Hsiang; Kapadia, Rubina; Ganesan, Anand K.	2013	22	3	10.1111/ex	1	3	1	5
112.	Mammalian target of rapamycin complex 1 (mTORC1) may modulate the timing of anagen entry in mouse hair follicles	Kellenberger, Antonia J.; Tauchi, Miyuki	2013	22	1	10.1111/ex	0	2	3	5
113.	Extract of Aneilema keisak inhibits transforming growth factor-ss-dependent signalling by inducing Smad2 downregulation in keloid fibroblasts	Kim, Won-Serk; Lee, Ji-Seon; Bae, Gab-Yong; Kim, Jin-Ju; Chin, Young-Won; Bahk, Young Yil; Min, Hyung Geun; Cha, Hyuk-Jin	2013	22	1	10.1111/ex	0	3	2	5
114.	Cellular sources of IL-17 in psoriasis: a paradigm shift?	Keijsers, Romy R. M. C.; Joosten, Irma; van Erp, Piet E. J.; Koenen, Hans J. P. M.; van de Kerkhof, Peter C. M.	2014	23	11	10.1111/ex	0	1	3	4
115.	Bleomycin-induced fibrosis in MC1 signalling-deficient C57BL/6J-Mc1re/e mice further supports a modulating role for melanocortins in collagen synthesis of the skin	Boehm, Markus; Stegemann, Agatha	2014	23	6	10.1111/ex	0	3	1	4
116.	Increased serum HMGB1 levels in patients with Henoch-Schonlein purpura	Chen, Tao; Guo, Zai-pei; Wang, Wen-ju; Qin, Sha; Cao, Na; Li, Meng-meng	2014	23	6	10.1111/ex	0	0	4	4
117.	BH3-only proteins - possible proapoptotic triggers for melanoma therapy	Ploetz, Michael; Eberle, Juergen	2014	23	6	10.1111/ex	0	1	3	4
118.	Comparison of structure and organization of cutaneous lipids in a reconstructed skin model and human skin: spectroscopic imaging and chromatographic profiling	Tfayli, Ali; Bonnier, Franck; Farhane, Zeineb; Libong, Danielle; Byrne, Hugh J.; Baillet-Guffroy, Arlette	2014	23	6	10.1111/ex	0	0	4	4
119.	Cationic membrane-active peptides - anticancer and antifungal activity as well as penetration into human skin	Do, Nhung; Weindl, Guenther; Grohmann, Lisa; Salwiczek, Mario; Koksche, Beate; Korting, Hans Christian; Schaefer-Korting, Monika	2014	23	5	10.1111/ex	0	2	2	4
120.	Specific immunoadsorption of pathogenic autoantibodies in pemphigus requires the entire ectodomains of desmogleins	Langenhan, Jana; Dworschak, Jenny; Saschenbrecker, Sandra; Komorowski, Lars; Schlumberger, Wolfgang; Stoecker, Winfried; Westermann, Juergen; Recke, Andreas; Zillikens, Detlef; Schmidt, Enno; Probst, Christian	2014	23	4	10.1111/ex	0	2	2	4

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121.	Oral vitamin D increases the frequencies of CD38(+) human B cells and ameliorates IL-17-	Drozdenko, Gennadiy; Heine, Guido; Worm, Margitta	2014	23	2	10.1111/ex	0	0	4	4
122.	Notch-1 mediates endothelial cell activation and invasion in psoriasis	Rooney, Peadar; Connolly, Mary; Gao, Wei; McCormick, Jennifer; Biniecka, Monika; Sullivan, Owen; Kirby, Brian; Sweeney, Cheryl; Molloy, Eamonn; Markham, Trevor; Fearon, Ursula; Veale, Douglas J.	2014	23	2	10.1111/ex	0	1	3	4
123.	A novel adamantyl benzylbenzamide derivative, AP736, suppresses melanogenesis through the inhibition of cAMP-PKA-CREB-activated microphthalmia-associated transcription factor and tyrosinase expression	Lee, Chang Seok; Jang, Won-Hee; Park, Miyoung; Jung, Kyoungmi; Baek, Heung Soo; Joo, Yung Hyup; Park, Young-Ho; Lim, Kyung-Min	2013	22	11	10.1111/ex	0	3	1	4
124.	Bleomycin inhibits adipogenesis and accelerates fibrosis in the subcutaneous adipose layer through TGF-beta 1	Ohgo, Shiro; Hasegawa, Seiji; Hasebe, Yuichi; Mizutani, Hiroshi; Nakata, Satoru; Akamatsu, Hirohiko	2013	22	11	10.1111/ex	0	3	1	4
125.	E6 and E7 of human papillomavirus type 18 and UVB irradiation corporately regulate interleukin-6 and interleukin-8 expressions in basal cell	Hsiao, Yu-Ping; Yang, Jen-Hung; Wu, Wen-Jun; Lin, Meng-Hsuan; Sheu, Gwo-Tarn	2013	22	10	10.1111/ex	0	1	3	4
126.	Low environmental humidity induces synthesis and release of cortisol in an epidermal organotypic culture system	Takei, Kentaro; Denda, Sumiko; Kumamoto, Junichi; Denda, Mitsuhiro	2013	22	10	10.1111/ex	0	2	2	4
127.	Apoptotic signal molecules in skin biopsies of cutaneous lupus erythematosus: analysis using tissue microarray	Toberer, Ferdinand; Sykora, Jaromir; Goettel, Daniel; Hartschuh, Wolfgang; Werchau, Siegfried; Enk, Alexander; Joos, Stefan; Krammer, Peter H.; Kuhn, Annegret	2013	22	10	10.1111/ex	0	2	2	4
128.	Comparison between cold plasma, electrochemotherapy and combined therapy in a melanoma mouse model	Daeschlein, Georg; Scholz, Sebastian; Lutze, Stine; Arnold, Andreas; von Podewils, Sebastian; Kiefer, Thomas; Tueting, Thomas; Hardt, Olaf; Haase, Hermann; Grisk, Olaf; Langner, Soenke; Ritter, Christoph; von Woedtke, Thomas; Juenger, Michael	2013	22	9	10.1111/ex	0	3	1	4
129.	Different strains of Propionibacterium acnes modulate differently the cutaneous innate immunity	Jasson, Fiona; Nagy, Istvan; Knol, Anne Chantal; Zuliani, Thomas; Khammari, Amir; Dreno, Brigitte	2013	22	9	10.1111/ex	0	1	3	4
130.	Blue light irradiation suppresses dendritic cells activation in vitro	Fischer, Michael R.; Abel, Manuela; Kostka, Susanna Lopez; Rudolph, Berenice; Becker, Detlef; von Stebut, Esther	2013	22	8	10.1111/ex	0	2	2	4
131.	Resveratrol induces autophagy through death-associated protein kinase 1 (DAPK1) in human dermal fibroblasts under normal culture conditions	Choi, Min Sik; Kim, Yoonkyung; Jung, Ji-Yong; Yang, Seung Ha; Lee, Tae Ryong; Shin, Dong Wook	2013	22	7	10.1111/ex	1	2	1	4

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132.	Nanoscale infrared (IR) spectroscopy and imaging of structural lipids in human stratum corneum using an atomic force microscope to directly detect absorbed light from a tunable IR laser source	Marcott, Curtis; Lo, Michael; Kjoller, Kevin; Domanov, Yegor; Balooch, Guive; Luengo, Gustavo S.	2013	22	6	10.1111/ex	0	4	0	4
133.	Effects of ozone in normal human epidermal keratinocytes	McCarthy, James T.; Pelle, Edward; Dong, Kelly; Brahmabhatt, Krupa; Yarosh, Dan; Pernodet, Nadine	2013	22	5	10.1111/ex	0	1	3	4
134.	E-FABP induces differentiation in normal human keratinocytes and modulates the differentiation process in psoriatic keratinocytes in vitro	Dallaglio, Katuscia; Marconi, Alessandra; Truzzi, Francesca; Lotti, Roberta; Palazzo, Elisabetta; Petrachi, Tiziana; Saltari, Annalisa; Coppini, Maurizio; Pincelli, Carlo	2013	22	4	10.1111/ex	1	2	1	4
135.	Inhibition of neuropeptide degradation suppresses sweating but increases the area of the axon reflex flare	Schlereth, Tanja; Breimhorst, Markus; Werner, Nicolas; Pottschmidt, Katrin; Drummond, Peter D.; Birklein, Frank	2013	22	4	10.1111/ex	0	2	2	4
136.	P2X7 receptor is required for neutrophil accumulation in a mouse model of irritant contact dermatitis	da Silva, Gabriela L.; Sperotto, Nathalia D. M.; Borges, Thiago J.; Bonorino, Cristina; Takyia, Cristina M.; Coutinho-Silva, Robson; Campos, Maria M.; Zanin, Rafael F.; Morrone, Fernanda B.	2013	22	3	10.1111/ex	0	3	1	4
137.	Human hair follicle dermal sheath and papilla cells support keratinocyte growth in monolayer coculture	Hill, Rebecca P.; Gardner, Aaron; Crawford, Heather C.; Richer, Rachel; Dodds, Anna; Owens, William A.; Lawrence, Clifford; Rao, Sam; Kara, Bo; James, S. Elizabeth; Jahoda, Colin A.	2013	22	3		0	3	1	4
138.	One goal, different strategies - molecular and cellular approaches for the treatment of inherited skin fragility disorders	Huenefeld, Christian; Mezger, Markus; Kern, Johannes S.; Nystroem, Alexander; Bruckner-Tuderman, Leena; Mueller, Ingo; Handgretinger, Rupert; Roecken, Martin	2013	22	3	10.1111/ex	2	2	0	4
139.	Galanin is a modulator of eccrine sweat gland secretion	Bovell, Douglas L.; Holub, Barbara S.; Odusanwo, Olutayo; Brodowicz, Bernhard; Rauch, Isabella; Kofler, Barbara; Lang, Roland	2013	22	2	10.1111/ex	0	2	2	4
140.	Arthropodium scoparium inhibits melanogenesis through the down-regulation of tyrosinase and melanogenic gene expressions in B16 melanoma cells	Chao, Hui-Chia; Najjaa, Hanen; Villareal, Myra O.; Ksouri, Riadh; Han, Junkyu; Neffati, Mohamed; Isoda, Hiroko	2013	22	2	10.1111/ex	1	2	1	4
141.	In vivo imaging reveals selective PPAR activity in the skin of peroxisome proliferator-activated receptor responsive element-luciferase reporter	El-Jamal, Noura; Dubuquoy, Laurent; Auwerx, Johan; Bertin, Benjamin; Desreumaux, Pierre	2013	22	2	10.1111/ex	0	0	4	4
142.	Increased expression of glucagon-like peptide-1 receptors in psoriasis plaques	Faurschou, Annesofie; Pedersen, Jens; Gyldenlove, Mette; Poulsen, Steen S.; Holst, Jens J.; Thyssen, Jacob P.; Zachariae, Claus; Vilsboll, Tina; Skov, Lone; Knop, Filip K.	2013	22	2	10.1111/ex	0	3	1	4

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143.	Wound-associated macrophages control collagen 12 transcription during the early stages of skin wound healing	Rodero, Mathieu P.; Legrand, Julien M. D.; Bou-Gharios, George; Khosrotehrani, Kiarash	2013	22	2	10.1111/ex	1	3	0	4
144.	Non-invasive assessment of tryptophan fluorescence and confocal microscopy provide information on skin barrier repair dynamics beyond	Bargo, Paulo R.; Walston, Steven T.; Chu, Melissa; Seo, Inseok; Kollias, Nikiforos	2013	22	1	10.1111/ex	0	2	2	4
145.	Malassezia yeasts activate the NLRP3 inflammasome in antigen-presenting cells via Syk-kinase signalling	Kistowska, Magdalena; Fenini, Gabriele; Jankovic, Dragana; Feldmeyer, Laurence; Kerl, Katrin; Bosshard, Philipp; Contassot, Emmanuel; French, Lars E.	2014	23	12	10.1111/ex	0	0	3	3
146.	Overexpression of Wnt5a in mouse epidermis causes no psoriasis phenotype but an impairment of hair follicle anagen development	Zhu, Xuming; Wu, Yumei; Huang, Sixia; Chen, Yingwei; Tao, Yixin; Wang, Yushu; He, Shigang; Shen, Sanbing; Wu, Ji; Guo, Xizhi; Li, Baojie; He, Lin; Ma, Gang	2014	23	12	10.1111/ex	0	0	3	3
147.	New insights in photoaging, UVA induced damage and skin types	Battie, Claire; Jitsukawa, Setsuko; Bernerd, Françoise; Del Bino, Sandra; Marionnet, Claire; Verschoore,	2014	23		10.1111/ex	0	0	3	3
148.	Is Nox4 a key regulator of the activated state of fibroblasts in systemic sclerosis?	Boehm, Markus; Dosoki, Heba; Kerkhoff, Claus	2014	23	9	10.1111/ex	0	0	3	3
149.	Leucine-rich glioma inactivated 3 is a melanogenic cytokine in human skin	Jeong, Hyo-Soon; Jeong, Yun-Mi; Kim, Jandi; Lee, Seung Hoon; Choi, Hye-Ryung; Park, Kyoung-Chan; Kim, Beom Joon; Baek, Kwang Jin; Kwon, Nyoun Soo; Yun, Hye-Young; Kim, Dong-Seok	2014	23	8	10.1111/ex	0	0	3	3
150.	Biological characteristics and gene expression pattern of bone marrow mesenchymal stem cells in patients with psoriasis	Hou, Ruixia; Liu, Ruifeng; Niu, Xuping; Chang, Wenjuan; Yan, Xin; Wang, Chunfang; Li, Junqin; An, Peng; Li, Xinhua; Yin, Guohua; Zhang, Kaiming	2014	23	7	10.1111/ex	0	0	3	3
151.	Expression of decorin throughout the murine hair follicle cycle: hair cycle dependence and anagen phase prolongation	Jing, Jing; Wu, Xian-jie; Li, Yun-ling; Cai, Sui-Qing; Zheng, Min; Lu, Zhong-Fa	2014	23	7	10.1111/ex	0	1	2	3
152.	MC1R and NR4A receptors in cellular stress and DNA repair: implications for UVR protection	Yin, Kelvin; Sturm, Richard A.; Smith, Aaron G.	2014	23	7	10.1111/ex	0	2	1	3
153.	Wnt5a-a potential factor linking psoriasis to metabolic complications	Gerdes, Sascha; Laudes, Matthias; Neumann, Katrin; Baurecht, Hansjoerg; Mrowietz, Ulrich	2014	23	6	10.1111/ex	0	0	3	3
154.	The discovery of epidermal tight junctions	Ozawa, Toshiyuki; Sugawara, Koji; Tsuruta, Daisuke	2014	23	6	10.1111/ex	0	3	0	3
155.	Photohardening of polymorphic light eruption patients decreases baseline epidermal Langerhans cell density while increasing mast cell numbers in the papillary dermis	Wolf, Peter; Gruber-Wackernagel, Alexandra; Bambach, Isabella; Schmidbauer, Ulrike; Mayer, Gerlinde; Absenger, Markus; Froehlich, Eleonore; Byrne, Scott N.	2014	23	6	10.1111/ex	0	0	3	3
156.	How, and from which cell sources, do nevi really develop?	Grichnik, James M.; Ross, Andrew L.; Schneider, Samantha L.; Sanchez, Margaret I.; Eller, Mark S.; Hatzistergos, Konstantinos E.	2014	23	5	10.1111/ex	0	2	1	3

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157.	High-frequency p16 INK4A promoter methylation is associated with histone methyltransferase SETDB1 expression in sporadic cutaneous melanoma	Kostaki, Maria; Manona, Argyro D.; Stavrika, Irene; Korkolopoulou, Penelope; Levidou, Georgia; Trigka, Eleni-Andriana; Christofidou, Eleftheria; Champsas, Grigorios; Stratigos, Alexandros J.; Katsambas, Andreas; Papadopoulos, Othon; Piperi, Christina; Papavassiliou, Athanasios G.	2014	23	5	10.1111/ex	0	1	2	3
158.	Quantitative gene analysis of methylation and expression (Q-GAME) in fresh or fixed cells and tissues	Wu, Jianqiang; Salva, Katrin A.; Stutz, Nathalie; Longley, B. Jack; Spiegelman, Vladimir S.; Wood, Gary S.	2014	23	5	10.1111/ex	0	1	2	3
159.	Beyond vitiligo guidelines: combined stratified/personalized approaches for the vitiligo patient	Anbar, Tag S.; Hegazy, Rehab A.; Picardo, Mauro; Taieb, Alain	2014	23	4	10.1111/ex	0	2	1	3
160.	Glutathione-conjugated sulfanylalkanols are substrates for ABCC11 and c-glutamyl transferase 1: a potential new pathway for the formation of odorant precursors in the apocrine sweat gland	Baumann, Tim; Bergmann, Sophia; Schmidt-Rose, Thomas; Max, Heiner; Martin, Annette; Enthaler, Bernd; Terstegen, Lara; Schweiger, Dorothea; Kalbacher, Hubert; Wenck, Horst; Jedlitschky, Gabriele; Jovanovic,	2014	23	4	10.1111/ex	0	2	1	3
161.	Do tetracyclines and erythromycin exert anti-acne effects by inhibition of P450-mediated degradation of retinoic acid?	Hellmann-Regen, Julian; Herzog, Irmelin; Fischer, Norina; Heuser, Isabella; Regen, Francesca	2014	23	4	10.1111/ex	0	1	2	3
162.	Mammalian SIRT2 inhibits keratin 19 expression and is a tumor suppressor in skin	Ming, Mei; Qiang, Lei; Zhao, Baozhong; He, Yu-Ying	2014	23	3	10.1111/ex	0	2	1	3
163.	Cycling up the epidermis: reconciling 100 years of debate	Gandarillas, Alberto; Freije, Ana	2014	23	2	10.1111/ex	0	2	1	3
164.	Selective hair therapy: bringing science the fiction	Vogt, Annika; Blume-Peytavi, Ulrike	2014	23	2	10.1111/ex	0	2	1	3
165.	Origin of Langerhans cells in normal skin and chronic GVHD after hematopoietic stem-cell	Andani, Rafiq; Robertson, Ivan; MacDonald, Kelli P. A.; Durrant, Simon; Hill, Geoffrey R.; Khosrotehrani, Kiarash	2014	23	1	10.1111/ex	0	3	0	3
166.	Inflammatory peeling skin syndrome caused by homozygous genomic deletion in the PSORS1 region encompassing the CDSN gene	Ishida-Yamamoto, Akemi; Furio, Laetitia; Igawa, Satomi; Honma, Masaru; Tron, Elodie; Malan, Valerie; Murakami, Masamoto; Hovnanian, Alain	2014	23	1	10.1111/ex	0	2	1	3
167.	On the role of environmental humidity on cortisol production by epidermal keratinocytes	Zhu, Guo; Janjetovic, Zorica; Slominski, Andrzej	2014	23	1	10.1111/ex	0	1	2	3
168.	Calmodulin-like skin protein level increases in the differentiated epidermal layers in atopic dermatitis	Donovan, Mark; Ambach, Andreas; Thomas-Collignon, Agnes; Prado, Cecilia; Bernard, Dominique; Jammayrac, Odette; Gollnick, Harald; de Lacharriere, Olivier	2013	22	12	10.1111/ex	0	0	3	3
169.	Effluent syntaxin3 from dying cells affords protection against apoptosis in epidermal	Miyazaki, Takafumi; Kadono, Nanako; Konishi, Yoshihiro; Hagiwara, Natsumi; Maekubo, Kenji; Hirai,	2013	22	12	10.1111/ex	0	1	2	3
170.	NKG2C, HLA-E and their association with psoriasis	Patel, Forum; Marusina, Alina I.; Duong, Christopher; Adamopoulos, Iannis E.; Maverakis, Emanuel	2013	22	12	10.1111/ex	0	2	1	3
171.	Impact of TRPV3 on the development of allergic dermatitis as a dendritic cell modulator	Yamamoto-Kasai, Erika; Yasui, Kiyoshi; Shichijo, Michitaka; Sakata, Tsuneaki; Yoshioka, Takeshi	2013	22	12	10.1111/ex	0	2	1	3

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172.	Canonical Wnt signalling as a key regulator of fibrogenesis - implications for targeted therapies?	Dees, Clara; Distler, Joerg H. W.	2013	22	11	10.1111/ex	0	2	1	3
173.	Dimethylfumarate induces apoptosis in human mast cells	Foerster, Anja; Preussner, Liane M.; Seeger, Jens M.; Rabenhorst, Anja; Kashkar, Hamid; Mrowietz, Ulrich; Hartmann, Karin	2013	22	11	10.1111/ex	0	1	2	3
174.	Lecithin retinol acyltransferase as a potential prognostic marker for malignant melanoma	Hassel, Jessica C.; Amann, Philipp M.; Schadendorf, Dirk; Eichmueller, Stefan B.; Nagler, Markus; Bazhin, Alexandr V.	2013	22	11	10.1111/ex	0	2	1	3
175.	Characterization of tryptophan aminotransferase 1 of <i>Malassezia furfur</i> , the key enzyme in the production of indolic compounds by <i>M. furfur</i>	Preuss, Janina; Hort, Wiebke; Lang, Sarah; Netsch, Anette; Rahlfs, Stefan; Lochnit, Guenter; Jortzik, Esther; Becker, Katja; Maysen, Peter A.	2013	22	11	10.1111/ex	0	2	1	3
176.	Immunostimulatory activity of murine keratinocyte-derived exosomes	Kotzerke, Kristina; Mempel, Martin; Aung, Thiha; Wulf, Gerald G.; Urlaub, Henning; Wenzel, Dirk; Schoen, Michael P.; Braun, Andrea	2013	22	10	10.1111/ex	0	3	0	3
177.	Effects of a topical aqueous oxygen emulsion on collagen deposition and angiogenesis in a porcine deep partial-thickness wound model	Li, Jie; Sierra, Jose Ollague; Zhu, Linjian; Tang, Ling; Rahill, Kirah; El-Sabawi, Bassim; Liu-Mares, Wen; Mertz, Patricia M.; Davis, Stephen C.	2013	22	10	10.1111/ex	0	2	1	3
178.	Expressions of peroxisome proliferator-activated receptors (PPARs) are directly influenced by permeability barrier abrogation and inflammatory cytokines and depressed PPAR modulates expressions of chemokines and epidermal differentiation-related molecules in keratinocytes	Adachi, Yasuko; Hatano, Yutaka; Sakai, Takashi; Fujiwara, Sakuhei	2013	22	9	10.1111/ex	0	2	1	3
179.	Novel inhibitory effect of the antidiabetic drug voglibose on melanogenesis	Bin, Bum-Ho; Seo, Juyeon; Yang, Seung Ha; Lee, Eunkyung; Choi, Hyunjung; Kim, Kyu-Han; Cho, Eun-Gyung; Lee, Tae Ryong	2013	22	8	10.1111/ex	0	2	1	3
180.	Potential mesenchymal stem cell therapy for skin diseases	Li, Xiaoguang; Hamada, Takahiro; Ohata, Chika; Furumura, Minao; Hashimoto, Takashi	2013	22	8	10.1111/ex	0	2	1	3
181.	Characterization of skin-resident T cells using a crawl-out method and flow cytometry	Poot, Jacqueline; Thewissen, Marielle; Booi, Darren; Nieuwhof, Chris	2013	22	8	10.1111/ex	0	3	0	3
182.	Paeoniflorin suppresses vascular damage and the expression of E-selectin and ICAM-1 in a mouse model of cutaneous Arthus reaction	Chen, Tao; Guo, Zai-pei; Wang, Lin; Qin, Sha; Cao, Na; Li, Meng-meng; Jia, Rui-zhen; Wang, Ting-ting	2013	22	7	10.1111/ex	0	1	2	3
183.	Bullous pemphigoid: role of complement and mechanisms for blister formation within the lamina lucida	Iwata, Hiroaki; Kitajima, Yasuo	2013	22	6	10.1111/ex	0	2	1	3
184.	Non-invasive diffuse reflectance measurements of cutaneous melanin content can predict human sensitivity to ultraviolet radiation	Coelho, Sergio G.; Zmudzka, Barbara Z.; Yin, Lanlan; Miller, Sharon A.; Yamaguchi, Yuji; Tadokoro, Taketsugu; Hearing, Vincent J.; Beer, Janusz Z.	2013	22	4	10.1111/ex	1	1	1	3

**EXD 2013/2014: all cited papers
(papers of ADF members marked yellow)**

185.	The sound of silence: autosomal recessive congenital ichthyosis caused by a synonymous mutation in ABCA12	Goldsmith, Tomer; Fuchs-Telem, Dana; Israeli, Shirli; Sarig, Ofer; Padalon-Brauch, Gilly; Bergman, Reuven; Indelman, Margarita; Sprecher, Eli; Nousbeck, Janna	2013	22	4	10.1111/ex	0	2	1	3
186.	HLA-E*0103X is associated with susceptibility to Pemphigus vulgaris	Bhanusali, Dhaval G.; Sachdev, Amit; Rahmanian, Abootaleb; Gerlach, John A.; Tong, Joo Chaun; Seiffert-Sinha, Kristina; Sinha, Animesh A.	2013	22	2	10.1111/ex	1	1	1	3
187.	Ceramides stimulate caspase-14 expression in human keratinocytes	Jiang, Yan J.; Kim, Peggy; Uchida, Yoshikazu; Elias, Peter M.; Bikle, Daniel D.; Grunfeld, Carl; Feingold, Kenneth R.	2013	22	2	10.1111/ex	0	1	2	3
188.	The biodisposition and hypertrichotic effects of bimatoprost in mouse skin	Woodward, David F.; Tang, Elaine S. -H.; Attar, Mayssa; Wang, Jenny W.	2013	22	2	10.1111/ex	1	2	0	3
189.	Freeze-drying as a preserving preparation technique for in vitro testing of human skin	Franzen, Lutz; Vidlarova, Lucie; Kostka, Karl-Heinz; Schaefer, Ulrich F.; Windbergs, Maike	2013	22	1	10.1111/ex	1	2	0	3
190.	Papillary fibroblasts differentiate into reticular fibroblasts after prolonged in vitro culture	Janson, David; Saintigny, Gaelle; Mahe, Christian; El Ghalbzouri, Abdoelwaheb	2013	22	1	10.1111/ex	0	2	1	3
191.	Parathyroid hormone-related peptide and the hair cycle - is it the agonists or the antagonists that cause hair growth?	Gensure, Robert C.	2014	23	12	10.1111/ex	0	0	2	2
192.	A novel TMEM16A splice variant lacking the dimerization domain contributes to calcium-activated chloride secretion in human sweat gland epithelial cells	Ertongur-Fauth, Torsten; Hochheimer, Andreas; Buescher, Joerg Martin; Rapprich, Stefan; Krohn, Michael	2014	23	11	10.1111/ex	0	0	2	2
193.	Role of epidermal gamma delta T-cell-derived interleukin 13 in the skin-whitening effect of Ginsenoside F1	Han, Jiyeon; Lee, Eunkyung; Kim, EunJoo; Yeom, Myung Hun; Kwon, Ohsang; Yoon, Tae Hong; Lee, Tae Ryong; Kim, Kwangmi	2014	23	11	10.1111/ex	0	0	2	2
194.	Cell elasticity is an important indicator of the metastatic phenotype of melanoma cells	Sarna, Michal; Zadlo, Andrzej; Hermanowicz, Pawel; Madeja, Zbigniew; Burda, Kvetoslava; Sarna, Tadeusz	2014	23	11	10.1111/ex	0	0	2	2
195.	Neurokinin-1 receptor antagonist orvepitant is an effective inhibitor of itch-associated response in a Mongolian gerbil model of scratching behaviour	Trower, Michael K.; Fisher, Amy; Upton, Neil; Ratti, Emiliangelo	2014	23	11	10.1111/ex	0	0	2	2
196.	Real-time three-dimensional imaging of epidermal splitting and removal by high-definition optical coherence tomography	Boone, Marc; Draye, Jean Pierre; Verween, Gunther; Pirnay, Jean-Paul; Verbeken, Gilbert; De Vos, Daniel; Rose, Thomas; Jennes, Serge; Jemec, Gregor B. E.; Del Marmol, Veronique	2014	23	10	10.1111/ex	0	0	2	2
197.	Perilipin 3 modulates specific lipogenic pathways in SZ95 sebocytes	Camera, Emanuela; Dahlhoff, Maik; Ludovici, Matteo; Zouboulis, Christos C.; Schneider, Marlon R.	2014	23	10	10.1111/ex	0	0	2	2
198.	Association between EGFR gene polymorphisms, skin rash and response to anti-EGFR therapy in metastatic colorectal cancer patients	Jaka, Ane; Gutierrez-Rivera, Araika; Ormaechea, Nerea; Blanco, Jesus; La Casta, Adelaida; Sarasqueta, Cristina; Izeta, Ander; Tuneu, Anna	2014	23	10	10.1111/ex	0	0	2	2

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199.	Topical acidic cream prevents the development of atopic dermatitis- and asthma-like lesions in murine model	Lee, Hae-Jin; Yoon, Na Young; Lee, Noo Ri; Jung, Minyoung; Kim, Dong Hye; Choi, Eung Ho	2014	23	10	10.1111/ex	0	0	2	2
200.	Mitochondrial dysfunction: a neglected component of skin diseases	Feichtinger, Rene G.; Sperl, Wolfgang; Bauer, Johann W.; Kofler, Barbara	2014	23	9	10.1111/ex	0	0	2	2
201.	Mesenchymal stem cell therapies: the quest for fine-tuning	Goodrich, Angelina Daisy; Hematti, Peiman	2014	23	9	10.1111/ex	0	0	2	2
202.	Topical hesperidin prevents glucocorticoid-induced abnormalities in epidermal barrier function in murine skin	Man, George; Mauro, Theodora M.; Kim, Peggy L.; Hupe, Melanie; Zhai, Yongjiao; Sun, Richard; Crumrine, Debbie; Cheung, Carolyn; Nuno-Gonzalez, Almudena; Elias, Peter M.; Man, Mao-Qiang	2014	23	9	10.1111/ex	0	0	2	2
203.	SIRT2 as a new player in epigenetic programming of keratinocyte differentiation and a candidate tumor suppressor	Wang, Ming; Yue, Zhicao; Paus, Ralf; Ramot, Yuval	2014	23	9	10.1111/ex	0	0	2	2
204.	Accelerated differentiation of melanocyte stem cells contributes to the formation of hyperpigmented maculae	Yamada, Takaaki; Hasegawa, Seiji; Inoue, Yu; Date, Yasushi; Arima, Masaru; Yagami, Akiko; Iwata, Yohei; Takahashi, Masayuki; Yamamoto, Naoki; Mizutani, Hiroshi; Nakata, Satoru; Matsunaga, Kayoko; Akamatsu, Hirohiko	2014	23	9	10.1111/ex	0	1	1	2
205.	NADPH oxidase-2 is a key regulator of human dermal fibroblasts: a potential therapeutic strategy for the treatment of skin fibrosis	Zhang, Guo-You; Wu, Liang-Cai; Dai, Tao; Chen, Shi-Yi; Wang, An-Yuan; Lin, Kang; Lin, Da-Mu; Yang, Jing-Quan; Cheng, Biao; Zhang, Li; Gao, Wei-Yang; Li, Zhi-	2014	23	9	10.1111/ex	0	0	2	2
206.	Aldo- keto reductase 1C3 is overexpressed in skin squamous cell carcinoma (SCC) and affects SCC growth via prostaglandin metabolism	Mantel, Alon; Carpenter-Mendini, Amanda; VanBuskirk, JoAnne; Pentland, Alice P.	2014	23	8	10.1111/ex	0	0	2	2
207.	Immunomodulatory effects of heat shock protein 90 inhibition on humoral immune responses	Tukaj, Stefan; Tiburzy, Benjamin; Manz, Rudolf; Marques, Andreia de Castro; Orosz, Antal; Ludwig, Ralf J.; Zillikens, Detlef; Kasperkiewicz, Michael	2014	23	8	10.1111/ex	0	0	2	2
208.	Topical application of rapamycin ointment ameliorates Dermatophagoides farina body extract-induced atopic dermatitis in NC/Nga mice	Yang, Fei; Tanaka, Mari; Wataya-Kaneda, Mari; Yang, Lingli; Nakamura, Ayumi; Matsumoto, Shoji; Attia, Mostafa; Murota, Hiroyuki; Katayama, Ichiro	2014	23	8	10.1111/ex	0	0	2	2
209.	Melanoma never says die	Haass, Nikolas K.; Schumacher, Udo	2014	23	7	10.1111/ex	0	1	1	2
210.	P2Y(2)R activation by nucleotides promotes skin wound-healing process	Jin, Hana; Seo, Jihye; Eun, So Young; Joo, Young Nak; Park, Sang Won; Lee, Jae Heun; Chang, Ki Churl; Kim, Hye Jung	2014	23	7	10.1111/ex	0	1	1	2
211.	Oral administration of Polypodium leucotomos delays skin tumor development and increases epidermal p53 expression and the anti-oxidant status of UV-irradiated hairless mice	Rodriguez-Yanes, Esperanza; Cuevas, Jesus; Gonzalez, Salvador; Mallol, Jordi	2014	23	7	10.1111/ex	0	0	2	2

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212.	Role of Ets-1 in fibronectin-derived heparin-binding domain polypeptides alleviating melanoma cell invasiveness and chemoresistance	Tang, Nanhong; Wang, Xiaoqian; Huang, Tao; Wu, Yong; Chen, Yuanzhong	2014	23	7	10.1111/ex	0	0	2	2
213.	SPINK5 knockdown in organotypic human skin culture as a model system for Netherton syndrome: effect of genetic inhibition of serine proteases kallikrein 5 and kallikrein 7	Wang, Shirley; Olt, Sabine; Schoefmann, Nicole; Stuetz, Anton; Winiski, Anthony; Wolff-Winiski, Barbara	2014	23	7	10.1111/ex	0	0	2	2
214.	Ultraviolet light protection by a sunscreen prevents interferon-driven skin inflammation in cutaneous lupus erythematosus	Zahn, Sabine; Graef, Medina; Patsinakidis, Nikolaos; Landmann, Aysche; Surber, Christian; Wenzel, Joerg; Kuhn, Annegret	2014	23	7	10.1111/ex	0	1	1	2
215.	Shedding new light on the role of the sunshine vitamin D for skin health: the lncRNA-skin cancer	Holick, Michael F.	2014	23	6	10.1111/ex	0	1	1	2
216.	Gluteal and abdominal subcutaneous adipose tissue depots as stroma cell source: gluteal cells display increased adipogenic and osteogenic differentiation potentials	Iwen, Karl Alexander; Priewe, Anna-Christin; Winnefeld, Marc; Rose, Christian; Siemers, Frank; Rohwedel, Juergen; Cakiroglu, Figen; Lehnert, Hendrik; Schepky, Andreas; Klein, Johannes; Kramer, Jan	2014	23	6	10.1111/ex	0	0	2	2
217.	Face-to-face with anti-inflammatory therapy for rosacea	Salzer, Suzanna; Ruzicka, Thomas; Schaubert, Juergen	2014	23	6	10.1111/ex	0	1	1	2
218.	A model system to analyse the ability of human keratinocytes to form hair follicles	Thangapazham, Rajesh L.; Klover, Peter; Li, Shaowei; Wang, Ji-an; Sperling, Leonard; Darling, Thomas N.	2014	23	6	10.1111/ex	0	1	1	2
219.	Non-equilibrium atmospheric pressure plasmas modulate cell cycle-related gene expressions in melanocytic tumors of RET-transgenic mice	Yajima, Ichiro; Iida, Machiko; Kumasaka, Mayuko Y.; Omata, Yasuhiro; Ohgami, Nobutaka; Chang, Jie; Ichihara, Sahoko; Hori, Masaru; Kato, Masashi	2014	23	6	10.1111/ex	0	2	0	2
220.	More than just a filler - the role of hyaluronan for skin homeostasis	Anderegg, Ulf; Simon, Jan C.; Averbek, Marco	2014	23	5	10.1111/ex	0	2	0	2
221.	Reduction in DNA methyltransferases and alteration of DNA methylation pattern associate with mouse skin ageing	Qian, Hong; Xu, Xiangru	2014	23	5	10.1111/ex	0	1	1	2
222.	Therapeutic potential of the anti-diabetic agent metformin in targeting the skin cancer stem cell diaspora	Reddi, Anand; Powers, Matthew A.; Dellavalle, Robert P.	2014	23	5	10.1111/ex	0	0	2	2
223.	T helper 17 and Tregs: a novel proposed mechanism for NB-UVB in vitiligo	Hegazy, Rehab A.; Fawzy, Marwa M.; Gawdat, Heba I.; Samir, Nesrin; Rashed, Laila A.	2014	23	4	10.1111/ex	0	0	2	2
224.	Activation of Toll-like receptors alters the microRNA expression profile of keratinocytes	Meisgen, Florian; Landen, Ning Xu; Bouez, Charbel; Zuccolo, Michela; Gueniche, Audrey; Stahle, Mona; Sonkoly, Eniko; Breton, Lionel; Pivarcsi, Andor	2014	23	4	10.1111/ex	0	2	0	2
225.	A 'toxin mantle' as defensive barrier in a tropical bird: evolutionary exploitation of the basic permeability barrier forming organelles	Menon, Gopinathan K.; Dumbacher, John P.	2014	23	4	10.1111/ex	0	1	1	2

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226.	Combined treatment with sodium butyrate and PD153035 enhances keratinocyte differentiation	Carrion, Sandra Leon; Sutter, Carrie Hayes; Sutter, Thomas R.	2014	23	3	10.1111/ex	0	1	1	2
227.	Insulin-like growth factor-1: roles in androgenetic alopecia	Panchaprateep, Ratchathorn; Asawanonda, Pravit	2014	23	3	10.1111/ex	0	1	1	2
228.	Leukotrienes as key mediators and amplifiers in allergic inflammation: insights from the bench and clinic	Honda, Tetsuya; Kabashima, Kenji	2014	23	2	10.1111/ex	0	0	2	2
229.	Dynamic interplay between autophagic flux and Akt during melanoma progression in vitro	Maes, Hannelore; Martin, Shaun; Verfaillie, Tom; Agostinis, Patrizia	2014	23	2	10.1111/ex	0	1	1	2
230.	Increased expression of the histamine H4 receptor following differentiation and mediation of the H4 receptor on interleukin-8 mRNA expression in HaCaT keratinocytes	Suwa, Eriko; Yamaura, Katsunori; Sato, Shiori; Ueno, Koichi	2014	23	2	10.1111/ex	0	2	0	2
231.	Lack of expression of an alternative CD20 transcript variant in circulating B cells from patients with pemphigus	Gamonet, Clementine; Ferrand, Christophe; Colliou, Natacha; Musette, Philippe; Joly, Pascal; Girardin, Marie; Humbert, Philippe; Aubin, Francois	2014	23	1	10.1111/ex	0	1	1	2
232.	Melanoma inhibitory activity in melanoma diagnostics and therapy - a small protein is looming	Riechers, Alexander; Bosserhoff, Anja Katrin	2014	23	1	10.1111/ex	0	2	0	2
233.	Is MC1 dispensable for regulation of cutaneous inflammatory and immune responses?	Boehm, Markus; Luger, Thomas A.; Steingraeber, Annika K.; Goerge, Tobias	2013	22	12	10.1111/ex	0	0	2	2
234.	Gentian Violet: a 19th century drug re-emerges in the 21st century	Maley, Alexander M.; Arbiser, Jack L.	2013	22	12	10.1111/ex	0	1	1	2
235.	Is Grover's disease an autoimmune dermatosis?	Phillips, Courtney; Kalantari-Dehaghi, Mina; Marchenko, Steve; Chernyavsky, Alex I.; Galitovskiy, Valentin; Gindi, Vivian; Chun, Sookhee; Paslin, David; Grando, Sergei	2013	22	12	10.1111/ex	0	1	1	2
236.	Galectin-7, induced by cis-urocanic acid and ultraviolet B irradiation, down-modulates cytokine production by T lymphocytes	Yamaguchi, Takashi; Hiromasa, Kana; Kabashima-Kubo, Rieko; Yoshioka, Manabu; Nakamura, Motonobu	2013	22	12	10.1111/ex	0	1	1	2
237.	Autoreactive T cells in the immune pathogenesis of pemphigus vulgaris	Amber, Kyle T.; Staropoli, Patrick; Shiman, Michael I.; Elgart, George W.; Hertl, Michael	2013	22	11	10.1111/ex	0	2	0	2
238.	Insufficient expression of the melanocortin-1 receptor by human dermal fibroblasts contributes to excess collagen synthesis in keloid scars	Luo, Long-Fei; Shi, Ying; Zhou, Qiong; Xu, Shi-Zheng; Lei, Tie-Chi	2013	22	11	10.1111/ex	0	1	1	2
239.	Deranged epidermal differentiation in kl/kl mouse and the effects of beta Klotho siRNA on the differentiation of HaCaT cells	Nakai, Kozo; Yoneda, Kozo; Haba, Reiji; Kushida, Yoshio; Katsuki, Naomi; Moriue, Tetsuya; Kosaka, Hiroaki; Kubota, Yasuo; Inoue, Shigeaki	2013	22	11	10.1111/ex	0	1	1	2
240.	Leukotrienes orchestrating allergic skin	Sadik, Christian D.; Sezin, Tanya; Kim, Nancy D.	2013	22	11	10.1111/ex	0	0	2	2
241.	Molecular imaging reveals time course of matrix metalloproteinase activity in acute cutaneous vasculitis in vivo	Steingraeber, Annika Kathrin; Schelhaas, Sonja; Faust, Andreas; Jacobs, Andreas Hans; Schaeffers, Michael; Goerge, Tobias	2013	22	11	10.1111/ex	0	2	0	2

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242.	Hairless and the polyamine putrescine form a negative regulatory loop in the epidermis	Luke, Courtney T.; Casta, Alexandre; Kim, Hyunmi; Christiano, Angela M.	2013	22	10	10.1111/ex	1	1	0	2
243.	Effects of sphingoid bases on the sphingolipidome in early keratinocyte differentiation	Sigruener, Alexander; Tarabin, Victoria; Paragh, Gyoergy; Liebisch, Gerhard; Koehler, Tim; Farwick, Mike; Schmitz, Gerd	2013	22	10	10.1111/ex	0	1	1	2
244.	Filaggrin compound heterozygous patients carry mutations in trans position	Carlsen, Berit C.; Meldgaard, Michael; Johansen, Jeanne D.; Thyssen, Jacob P.; Menne, Torkil; Szecsi, Pal B.; Stender, Steen	2013	22	9	10.1111/ex	0	2	0	2
245.	A pilot study of genetic variants in dopamine regulators with indoor tanning and melanoma	Flores, Kristina G.; Erdei, Esther; Luo, Li; White, Kirsten A. M.; Leng, Shuguang; Berwick, Marianne; Lazovich, DeAnn	2013	22	9	10.1111/ex	0	1	1	2
246.	Etanercept decreases the innate immune wounding response in psoriasis	Hata, Tissa R.; Afshar, Maryam; Miller, Jeremiah; Two, Aimee M.; Kotel, Paul; Jackson, Michelle; Alexandrescu, Doru T.; Kabigting, Filamer; Gerber, Monika; Lai, Yuping; Gallo, Richard L.	2013	22	9	10.1111/ex	0	2	0	2
247.	Targeting iHSP 70 in vitiligo: a critical step for	Taieb, Alain; Seneschal, Julien	2013	22	9	10.1111/ex	0	1	1	2
248.	The birth of innate immunity	Gallo, Richard L.	2013	22	8	10.1111/ex	0	1	1	2
249.	Reduction of inflammatory slan (6-sulfo LacNAc) dendritic cells in psoriatic skin of patients treated with etanercept	Guenther, Claudia; Blau, Kristin; Foerster, Ulrike; Viehweg, Antje; Wozel, Gottfried; Schaekel, Knut	2013	22	8	10.1111/ex	0	2	0	2
250.	Oral administration of poly-L-glutamic acid prevents the development of atopic dermatitis in NC/Nga	Lee, Sung Won; Park, Hyun Jung; Park, Se-Ho; Hong, Seokmann	2013	22	8	10.1111/ex	0	2	0	2
251.	BCL2 and BCLXL are key determinants of resistance to antitubulin chemotherapeutics in melanoma cells	Watanabe, Ayano; Yasuhira, Shinji; Inoue, Tsuyoshi; Kasai, Shuya; Shibasaki, Masahiko; Takahashi, Kazuhiro; Akasaka, Toshihide; Masuda, Tomoyuki; Maesawa, Chihaya	2013	22	8	10.1111/ex	1	1	0	2
252.	Circulating CLA+ T lymphocytes as peripheral cell biomarkers in T-cell-mediated skin diseases	Ferran, Marta; Romeu, Ester R.; Rincon, Catalina; Sagrista, Marc; Gimenez Arnau, Ana M.; Celada, Antonio; Pujol, Ramon M.; Hollo, Peter; Jokai, Hajnalka; Santamaria-Babi, Luis F.	2013	22	7	10.1111/ex	0	1	1	2
253.	Computational characterization of reflectance confocal microscopy features reveals potential for automated photoageing assessment	Raphael, Anthony P.; Kelf, Timothy A.; Wurm, Elizabeth M. T.; Zvyagin, Andrei V.; Soyer, Hans Peter; Prow, Karl W.	2013	22	7	10.1111/ex	0	2	0	2
254.	Dynamics of intracellular calcium in cultured human keratinocytes after localized cell damage	Tsutsumi, Moe; Goto, Makiko; Denda, Mitsuhiro	2013	22	5	10.1111/ex	0	2	0	2
255.	Two-photon microscopy of dermal innervation in a human re-innervated model of skin	Sevrain, David; Le Grand, Yann; Buhe, Virginie; Jeanmaire, Christine; Pauly, Gilles; Carre, Jean-Luc; Misery, Laurent; Lebonvallet, Nicolas	2013	22	4	10.1111/ex	0	2	0	2

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256.	Staphylococcus aureus subverts cutaneous defense by D-alanylation of teichoic acids	Simanski, Maren; Glaeser, Regine; Koeten, Bente; Meyer-Hoffert, Ulf; Wanner, Stefanie; Weidenmaier, Christopher; Peschel, Andreas; Harder, Juergen	2013	22	4	10.1111/ex	0	2	0	2
257.	Effect of human skin explants on the neurite growth of the PC12 cell line	Lebonvallet, Nicolas; Penneec, Jean-Pierre; Le Gall, Christelle; Pereira, Ulysse; Boulais, Nicholas; Cheret, Jeremy; Jeanmaire, Christine; Danoux, Louis; Pauly, Gilles; Misery, Laurent	2013	22	3	10.1111/ex	0	2	0	2
258.	Inhibition of UV-induced uric acid production using Allopurinol prevents suppression of the contact hypersensitivity response	Leighton, Sarah; Kok, Lai-Fong; Halliday, Gary M.; Byrne, Scott N.	2013	22	3	10.1111/ex	0	1	1	2
259.	R164C mutation in FOXQ1 H3 domain affects formation of the hair medulla	Wu, Baojin; Pratt, C. Herbert; Potter, Christopher S.; Silva, Kathleen A.; Kennedy, Vicki; Sundberg, John P.	2013	22	3		0	1	1	2
260.	The antihistamines clemastine and desloratadine inhibit STAT3 and c-Myc activities and induce apoptosis in cutaneous T-cell lymphoma cell lines	Doebbeling, Udo; Waeckerle-Men, Ying; Zabel, Franziska; Graf, Nicole; Kuendig, Thomas M.; Johansen, Pal	2013	22	2	10.1111/ex	0	2	0	2
261.	Chemoprevention of photocarcinogenesis by lycopenene	Ascenso, Andreia; Ribeiro, Helena; Marques, Helena C.; Oliveira, Helena; Santos, Conceicao; Simoes, Sandra	2014	23	12	10.1111/ex	0	0	1	1
262.	Skin mast cells develop non-synchronized changes in typical lineage characteristics upon culture	Guhl, Sven; Neou, Angelos; Artuc, Metin; Zuberbier, Torsten; Babina, Magda	2014	23	12	10.1111/ex	0	0	1	1
263.	DAMP molecules S100A9 and S100A8 activated by IL-17A and house-dust mites are increased in atopic dermatitis	Jin, Shan; Park, Chang Ook; Shin, Jung U.; Noh, Ji Yeon; Lee, Yun Sun; Lee, Na Ra; Kim, Hye Ran; Noh, Seongmin; Lee, Young; Lee, Jeung-Hoon; Lee, Kwang Hoon	2014	23	12	10.1111/ex	0	0	1	1
264.	The MEK/ERK signalling cascade is required for sonic hedgehog signalling pathway-mediated enhancement of proliferation and inhibition of apoptosis in normal keratinocytes	Liu, Haiyan; Jian, Qiang; Xue, Ke; Ma, Culling; Xie, Fang; Wang, Rui; Liao, Wenjun; Liu, Yufeng; Chi, Sumin; Li, Chengxin	2014	23	12	10.1111/ex	0	0	1	1
265.	Human skin dendritic cells can be targeted in situ by intradermal injection of antibodies against lectin receptors	Stoitzner, Patrizia; Schaffenrath, Sandra; Tripp, Christoph H.; Reider, Daniela; Komenda, Kerstin; Del Frari, Barbara; Djedovic, Gabriel; Ebner, Susanne;	2014	23	12	10.1111/ex	0	0	1	1
266.	Merkel cell carcinoma: is this a true carcinoma?	Jankowski, Marek; Kopinski, Piotr; Schwartz, Robert; Czajkowski, Rafal	2014	23	11	10.1111/ex	0	0	1	1
267.	Compound K inhibits MMP-1 expression through suppression of c-Src-dependent ERK activation in TNF-alpha-stimulated dermal fibroblast	Lee, Chang Seok; Bae, Il-Hong; Han, Jiwon; Choi, Gye-young; Hwang, Kyung-Hwan; Kim, Dong-Hyun; Yeom, Myeong-Hun; Park, Young-Ho; Park, Miyoung	2014	23	11	10.1111/ex	0	1	0	1
268.	Homology modelling and virtual screening of P-protein in a quest for novel antimelanogenic agent and In vitro assessments	Morya, Vivek K.; Dung, Nguyen H.; Singh, Birendra K.; Lee, Hyang-Bok; Kim, Eun-ki	2014	23	11	10.1111/ex	0	0	1	1

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269.	Loss of cell invasiveness through PKC-mediated syndecan-1 downregulation in melanoma cells under anchorage independency	Wang, ChiaChen; Tseng, TingTing; Jhang, Yaoyun; Tseng, JenChih; Hsieh, ChiaoHui; Wu, Wen-guey; Lee, ShaoChen	2014	23	11	10.1111/ex	0	0	1	1
270.	Serum Th1/Th2 and macrophage lineage cytokines in leprosy; correlation with circulating CD4(+) CD25(high)FoxP3(+) T-regs cells	Abdallah, Marwa; Attia, Enas A. S.; Saad, Abeer A.; El-Khateeb, Ekramy A.; Lotfi, Rania A.; Abdallah, Mahmoud; El-Shennawy, Dina	2014	23	10	10.1111/ex	0	0	1	1
271.	Increase of stratifin triggered by ultraviolet irradiation is possibly related to premature aging of	Adachi, Hiroaki; Murakami, Yuhko; Tanaka, Hiroshi; Nakata, Satoru	2014	23		10.1111/ex	0	0	1	1
272.	Identifying mouse models for skin cancer using the Mouse Tumor Biology Database	Begley, Dale A.; Krupke, Debra M.; Neuhauser, Steven B.; Richardson, Joel E.; Schofield, Paul N.; Bult, Carol J.; Eppig, Janan T.; Sundberg, John P.	2014	23	10	10.1111/ex	0	0	1	1
273.	Activation of autophagic pathways is related to growth inhibition and senescence in cutaneous squamous cell carcinoma	Choi, So Ra; Chung, Bo Young; Kim, Seong Who; Kim, Chang Deok; Yun, Woo Jin; Lee, Mi Woo; Choi, Jee Ho; Chang, Sung Eun	2014	23	10	10.1111/ex	0	0	1	1
274.	Association of promoter polymorphism-765G > C in the PTGS2 gene with malignant melanoma in Italian patients and its correlation to gene expression in dermal fibroblasts	Gomez-Lira, Macarena; Ferronato, Silvia; Malerba, Giovanni; Santinami, Mario; Maurichi, Andrea; Sangalli, Antonella; Turco, Alberto; Perego, Paola; Rodolfo, Monica	2014	23	10	10.1111/ex	0	0	1	1
275.	Portulaca oleracea extracts protect human keratinocytes and fibroblasts from UV-induced apoptosis	Lee, Suyeon; Kim, Ki Ho; Park, Changhoon; Lee, Jong-Suk; Kim, Young Heui	2014	23		10.1111/ex	0	0	1	1
276.	Antipsoriatic treatment extends beyond the skin: recovering of high-density lipoprotein function	Marsche, Gunther; Holzer, Michael; Wolf, Peter	2014	23	10	10.1111/ex	0	0	1	1
277.	Psoriasis: to treat or to manage?	Mrowietz, Ulrich; Steinz, Kirsten; Gerdes, Sascha	2014	23	10	10.1111/ex	0	1	0	1
278.	Cxcr4 is transiently expressed in both epithelial and mesenchymal compartments of nascent hair follicles but is not required for follicle formation	Sennett, Rachel; Rezza, Amelie; Dauber, Katherine L.; Clavel, Carlos; Rendl, Michael	2014	23	10	10.1111/ex	0	0	1	1
279.	Orange peel extract, containing high levels of polymethoxyflavonoid, suppressed UVB-induced COX-2 expression and PGE(2) production in HaCaT cells through PPAR-gamma activation	Yoshizaki, Norihiro; Fujii, Takahiro; Masaki, Hitoshi; Okubo, Takeshi; Shimada, Kunio; Hashizume, Ron	2014	23		10.1111/ex	0	0	1	1
280.	Human dermal fibroblast migration induced by fibronectin in autocrine and paracrine manners	Li, Xiaoguang; Qian, Hua; Ono, Fumitake; Tsuchisaka, Atsunari; Krol, Rafal P.; Ohara, Koji; Hayakawa, Taihei; Matsueda, Satoko; Sasada, Tetsuro; Ohata, Chika; Furumura, Minao; Hamada, Takahiro; Hashimoto,	2014	23	9	10.1111/ex	0	0	1	1
281.	Genetic polymorphisms altering microRNA activity in psoriasis - a key to solve the puzzle of missing heritability?	Pivarcsi, Andor; Stahle, Mona; Sonkoly, Eniko	2014	23	9	10.1111/ex	0	0	1	1

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282.	Melanoma-derived IL-1 converts vascular endothelium to a proinflammatory and procoagulatory phenotype via NF kappa B	Strozyk, Elwira A.; Desch, Anna; Poeppelmann, Birgit; Magnolo, Nina; Wegener, Joachim; Huck, Volker; Schneider, Stefan W.	2014	23	9	10.1111/ex	0	0	1	1
283.	Skin disruption is associated with indomethacin-induced small intestinal injury in mice	Yokoyama, Satoshi; Hiramoto, Keiichi; Koyama, Mayu; Ooi, Kazuya	2014	23	9	10.1111/ex	0	0	1	1
284.	Topical application of the adenosine A(2A) receptor agonist CGS-21680 prevents phorbol-induced epidermal hyperplasia and inflammation in	Arasa, Jorge; Martos, Patricio; Carmen Terencio, Maria; Valcuende-Cavero, Francisca; Carmen Montesinos, Maria	2014	23	8	10.1111/ex	0	1	0	1
285.	Distinct age-matched serum biomarker profiles in patients with cutaneous T-cell lymphoma	Geskin, Larisa J.; Akilov, Oleg E.; Lin, Yan; Lokshin, Anna E.	2014	23	8	10.1111/ex	0	0	1	1
286.	Targeting adenosine receptors to prevent inflammatory skin diseases	Gessi, Stefania; Merighi, Stefania; Borea, Pier Andrea	2014	23	8	10.1111/ex	0	0	1	1
287.	A newly discovered linkage between proteoglycans and hair biology: decorin acts as an anagen	Inui, Shigeki; Itami, Satoshi	2014	23	8	10.1111/ex	0	0	1	1
288.	Why mammalian wound-healing researchers may wish to turn to Drosophila as a model	Munoz-Soriano, Veronica; Lopez-Domenech, Sandra; Paricio, Nuria	2014	23	8	10.1111/ex	0	1	0	1
289.	Toll-like receptor 2 mediates a cutaneous reaction induced by repetitive ultraviolet B irradiation in C57/BL6 mice in vivo	Park, Hyun Sun; Jin, Seon Pil; Lee, Youngae; Oh, In Gyung; Lee, Serah; Kim, Jung Ho; Cho, Kwang Hyun; Chung, Jin Ho	2014	23	8	10.1111/ex	0	0	1	1
290.	Evidence and conjecture about mechanisms of cutaneous disease in photodermatology	Porter, Rebecca M.; Anstey, Alex	2014	23	8	10.1111/ex	0	0	1	1
291.	Melanoma's high C > T mutation rate: is deamination playing a role?	Sanchez, Margaret I.; Grichnik, James M.	2014	23	8	10.1111/ex	0	0	1	1
292.	Collagen gels and the 'Bornstein legacy': from a substrate for tissue culture to cell culture systems and biomaterials for tissue regeneration	Garcia-Gareta, Elena	2014	23	7	10.1111/ex	0	0	1	1
293.	T-cell receptor gene rearrangement analysis of sequential biopsies in cutaneous T-cell lymphomas with the Biomed-2 PCR reveals transient T-cell clones in addition to the tumor clone	Humme, Daniel; Lukowsky, Ansgar; Gierisch, Maria; Haider, Ahmed; Vandersee, Staffan; Assaf, Chalid; Sterry, Wolfram; Moebis, Markus; Beyer, Marc	2014	23	7	10.1111/ex	0	0	1	1
294.	SMAD inhibition attenuates epithelial to mesenchymal transition by primary keratinocytes in vitro	O'Kane, Donal; Jackson, Megan V.; Kissenpfennig, Adrien; Spence, Shaun; Damkat-Thomas, Lindsay; Tolland, Julia P.; Smyth, Anita E.; Denton, Christopher P.; Elborn, J. Stuart; McAuley, Daniel F.; O'Kane, Cecilia	2014	23	7	10.1111/ex	0	0	1	1
295.	Deadly hairs, lethal feathers - convergent evolution of poisonous integument in mammals and birds	Pliikus, Maksim V.; Astrowski, Aliaksandr A.	2014	23	7	10.1111/ex	0	0	1	1

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296.	Co-occurrence of autoantibodies in healthy blood donors	Pruessmann, Jasper; Pruessmann, Wiebke; Recke, Andreas; Rentzsch, Kristin; Juhl, David; Henschler, Reinhard; Mueller, Susen; Lamprecht, Peter; Schmidt, Enno; Csernok, Elena; Goerg, Siegfried; Stoecker, Winfried; Zillikens, Detlef; Ibrahim, Saleh M.; Ludwig, Ralf J.	2014	23	7	10.1111/ex	0	1	0	1
297.	Nicotinamide enhances repair of ultraviolet radiation-induced DNA damage in primary	Thompson, Benjamin C.; Surjana, Devita; Halliday, Gary M.; Damian, Diona L.	2014	23	7	10.1111/ex	0	0	1	1
298.	Melanocortin 1 receptor and skin pathophysiology: beyond colour, much more than meets the eye	Carlos Garcia-Borron, Jose; Olivares, Concepcion	2014	23	6	10.1111/ex	0	0	1	1
299.	Production and function of pigment epithelium-derived factor in isolated skin keratinocytes	Chen, Lin; DiPietro, Luisa A.	2014	23	6	10.1111/ex	0	0	1	1
300.	Distinct protein expression and activity of transglutaminases found in different epidermal tumors	Karashima, Tadashi; Furumura, Minao; Ishii, Norito; Ohyama, Bungo; Saruta, Hiroshi; Natsuaki, Yohei; Nakama, Takekuni; Ohata, Chika; Tsuruta, Daisuke; Hitomi, Kiyotaka; Hashimoto, Takashi	2014	23	6	10.1111/ex	0	1	0	1
301.	Quiescent melanocytes form primary cilia	Le Coz, Madeleine; Benmerah, Alexandre; Larue, Lionel	2014	23	6	10.1111/ex	0	0	1	1
302.	Novel TBL1XR1, EPHA7 and SLFN12 mutations in a Sezary syndrome patient discovered by whole exome sequencing	Andersson, Emma; Eldfors, Samuli; Edgren, Henrik; Ellonen, Pekka; Vaekevae, Liisa; Ranki, Annamari; Mustjoki, Satu	2014	23	5	10.1111/ex	0	0	1	1
303.	What determines human body odour?	Hamada, Kaoru; Haruyama, Sanehito; Yamaguchi, Takashi; Yamamoto, Kayo; Hiromasa, Kana; Yoshioka, Manabu; Nishio, Daisuke; Nakamura, Motonobu	2014	23	5	10.1111/ex	0	1	0	1
304.	High TMEM45A expression is correlated to epidermal keratinization	Hayez, Aurelie; Malaisse, Jeremy; Roegiers, Edith; Reynier, Marie; Renard, Chantal; Haftek, Marek; Geenen, Vincent; Serre, Guy; Simon, Michel; de Rouvroit, Catherine Lambert; Michiels, Carine; Poumay, Melnik, Bodo C.	2014	23	5	10.1111/ex	0	1	0	1
305.	The P450 system and mTORC1 signalling in acne	Melnik, Bodo C.	2014	23	5	10.1111/ex	0	0	1	1
306.	Confocal microscopy: a new era in understanding the pathophysiologic background of inflammatory skin diseases	Moscarella, Elvira; Argenziano, Giuseppe; Lallas, Aimilios; Pellacani, Giovanni; Longo, Caterina	2014	23	5	10.1111/ex	0	0	1	1
307.	Expression of AID in malignant melanoma with BRAF(V600E) mutation	Okura, Risa; Yoshioka, Haruna; Yoshioka, Manabu; Hiromasa, Kana; Nishio, Daisuke; Nakamura, Motonobu	2014	23	5	10.1111/ex	0	1	0	1
308.	At the dawn of hair research - testing the limits of hair follicle regeneration	Plikus, Maksim V.	2014	23	5	10.1111/ex	0	1	0	1
309.	Anatomical distribution analysis reveals lack of Langerin plus dermal dendritic cells in footpads and tail of C57BL/6 mice	Voisin, Benjamin; Mairhofer, David Gabriel; Chen, Suzie; Stoitzner, Patrizia; Mueller, Christopher George; Flacher, Vincent	2014	23	5	10.1111/ex	0	1	0	1
310.	Increased expression of the aryl hydrocarbon receptor in patients with chronic inflammatory skin	Kim, Hye One; Kim, Jin Hye; Chung, Bo Young; Choi, Min Gyu; Park, Chun Wook	2014	23	4	10.1111/ex	0	1	0	1

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311.	Treg-enriched CD4+T cells attenuate collagen synthesis in keloid fibroblasts	Murao, Naoki; Seino, Ken-ichiro; Hayashi, Toshihiko; Ikeda, Masaki; Funayama, Emi; Furukawa, Hiroshi; Yamamoto, Yuhei; Oyama, Akihiko	2014	23	4	10.1111/ex	0	0	1	1
312.	Family matters: sibling rivalry and bonding between p53 and p63 in cancer	Romano, Rose-Anne; Sinha, Satrajit	2014	23	4	10.1111/ex	0	0	1	1
313.	Human skin engages different epidermal layers to provide distinct innate defense mechanisms	Simanski, Maren; Glaeser, Regine; Harder, Juergen	2014	23	4	10.1111/ex	0	0	1	1
314.	The need for markers and predictors of Rituximab treatment resistance	Sitaru, Cassian; Thiel, Jens	2014	23	4	10.1111/ex	0	1	0	1
315.	Blue light inhibits transforming growth factor-beta 1-induced myofibroblast differentiation of human dermal fibroblasts	Tafllinski, Leonie; Demir, Erhan; Kauczok, Jens; Fuchs, Paul Christian; Born, Matthias; Suschek, Christoph V.; Oplaender, Christian	2014	23	4	10.1111/ex	0	0	1	1
316.	Cathepsin S, a new pruritus biomarker in clinical dandruff/seborrheic dermatitis evaluation	Viode, Cecile; Lejeune, Ophelie; Turlier, Virginie; Rouquier, Amandine; Casas, Christiane; Mengeaud, Valerie; Redoules, Daniel; Schmitt, Anne-Marie	2014	23	4	10.1111/ex	0	0	1	1
317.	Leptin controls hair follicle cycling	Watabe, Reiko; Yamaguchi, Takashi; Kabashima-Kubo, Rieko; Yoshioka, Manabu; Nishio, Daisuke; Nakamura, Motonobu	2014	23	4	10.1111/ex	0	0	1	1
318.	Z-Ligustilide inhibits benzo(a) pyrene- induced CYP1A1 upregulation in cultured human keratinocytes via ROS-dependent Nrf2 activation	Wu, Zhouwei; Uchi, Hiroshi; Morino-Koga, Saori; Nakamura-Satomura, Akiko; Kita, Kazuyo; Shi, Weimin; Furue, Masutaka	2014	23	4	10.1111/ex	0	0	1	1
319.	Circadian rhythms on skin function of hairless rats: light and thermic influences	Flo, Ana; Diez-Noguera, Antoni; Calpena, Ana C.; Cambras, Trinitat	2014	23	3		0	0	1	1
320.	Mitochondrial DNA copy number - but not a mitochondrial tandem CC to TT transition - is increased in sun-exposed skin	Gebhard, Daniel; Mahler, Bettina; Matt, Katja; Burger, Katharina; Bergemann, Joerg	2014	23	3	10.1111/ex	0	1	0	1
321.	Alopecia areata and vitiligo - Partners in crime or a case of false alibis	Tobin, Desmond J.	2014	23	3	10.1111/ex	0	1	0	1
322.	Pigmentation and melanocyte supply to the epidermis depend on type XVII collagen	Gostynski, Antoni; Pasmooij, Anna M. G.; Del Rio, Marcela; Diercks, Gilles F.; Pas, Hendri H.; Jonkman, Marcel F.	2014	23	2	10.1111/ex	0	1	0	1
323.	TNF alpha-induced leukocyte-endothelial cell interactions show marked interindividual differences independent of the clinical response to	Lockmann, Anike; Schoen, Michael P.	2014	23	2	10.1111/ex	0	1	0	1
324.	Deciphering the pro-fibrotic phenotype of fibroblasts in systemic sclerosis	Maier, Christiane; Distler, Joerg H. W.; Beyer, Christian	2014	23	2	10.1111/ex	0	1	0	1
325.	On Medawar's 'Actively acquired tolerance of foreign cells'	Tolar, Jakub; Tolarova, Simona; McGrath, John A.	2014	23	2	10.1111/ex	0	0	1	1

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326.	Nuclear envelope localization of Ran-binding protein 2 and Ran-GTPase-activating protein 1 in psoriatic epidermal keratinocytes	Yasuda, Kayo; Sugiura, Kazumitsu; Takeichi, Takuya; Ogawa, Yasushi; Muro, Yoshinao; Akiyama, Masashi	2014	23	2	10.1111/ex	0	0	1	1
327.	Coculture system of keratinocytes and dorsal-root-ganglion-derived cells for screening neurotrophic factors involved in guidance of neuronal axon growth in the skin	Kumamoto, Jun-ichi; Nakatani, Masashi; Tsutsumi, Moe; Goto, Makiko; Denda, Sumiko; Takei, Kentaro; Denda, Mitsuhiro	2014	23	1	10.1111/ex	0	1	0	1
328.	Activation of primary sensory neurons by the topical application of capsaicin on the epidermis of a re-innervated organotypic human skin model	Lebonvallet, Nicolas; Pennec, Jean-Pierre; Le Gall-Ianotto, Christelle; Cheret, Jeremy; Jeanmaire, Christine; Carre, Jean-Luc; Pauly, Gilles; Misery,	2014	23	1	10.1111/ex	0	0	1	1
329.	Topical cholesterol treatment ameliorates hapten-evoked cutaneous hypersensitivity by sustaining expression of 11 beta-HSD1 in epidermis	Murota, Hiroyuki; Itoi, Saori; Terao, Mika; Matsui, Saki; Kawai, Hiromi; Satou, Yasunari; Suda, Kazuma; Katayama, Ichiro	2014	23	1	10.1111/ex	0	0	1	1
330.	Regional difference in sebum production by androgen susceptibility in human facial skin	Seo, Young Joon; Li, Zheng Jun; Choi, Dae Kyoung; Sohn, Kyung Cheol; Kim, Hyeong Rae; Lee, Young; Kim, Chang Deok; Lee, Young Ho; Shi, Ge; Lee, Jeung Hoon; Im, Myung	2014	23	1	10.1111/ex	0	0	1	1
331.	Continuous high-dose antigen exposure preferentially induces IL-10, but intermittent antigen exposure induces IL-4	Yamanaka, Keiichi; Nakanishi, Takehisa; Watanabe, Jun; Kondo, Makoto; Yamagiwa, Akisa; Gabazza, Esteban C.; Mizutani, Hitoshi	2014	23	1	10.1111/ex	0	1	0	1
332.	A non-coding mutation in the 5' untranslated region of patched homologue 1 predisposes to basal cell carcinoma	Tietze, Julia K.; Pfob, Martina; Eggert, Marlene; von Preussen, Anna; Mehraein, Yasmin; Ruzicka, Thomas; Herzinger, Thomas	2013	22	12	10.1111/ex	0	0	1	1
333.	The protein phosphatase 2A regulatory subunit Ppp2r2a is required for Connexin-43 dephosphorylation during epidermal barrier	Gerner, Lisa; Youssef, Gehad; O'Shaughnessy, Ryan F. L.	2013	22	11	10.1111/ex	0	0	1	1
334.	Dihydroavenanthramide D prevents UV-irradiated generation of reactive oxygen species and expression of matrix metalloproteinase-1 and-3 in human dermal fibroblasts	Kim, Jeong-Mi; Noh, Eun-Mi; Kwon, Kang-Beom; Hwang, Bo-Mi; Hwang, Jin-Ki; You, Yong-Ouk; Kim, Min Seuk; Lee, Wan; Lee, Jeong-Ho; Kim, Hye-Jung; Kim, Jong-Suk; Lee, Young-Rae	2013	22	11	10.1111/ex	0	1	0	1
335.	Serum levels of leptin receptor in patients with malignant melanoma as a new tumor marker	Mizutani, Hironori; Fukushima, Satoshi; Masuguchi, Shinichi; Yamashita, Junji; Miyashita, Azusa; Nakahara, Satoshi; Aoi, Jun; Inoue, Yuji; Jinnin, Masatoshi; Ihn, Hironobu	2013	22	11	10.1111/ex	0	0	1	1
336.	Opposing effects on immune function and skin barrier regulation by the proteasome inhibitor bortezomib in an allergen-induced eczema model	Nagaraju, Kiran Kumar Mudnakudu; Babina, Magda; Worm, Margitta	2013	22	11	10.1111/ex	0	0	1	1
337.	Epidermal growth factor receptor and the sebaceous gland	Zouboulis, Christos C.	2013	22	11	10.1111/ex	0	0	1	1

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338.	Dihydrodehydrodiisoeugenol enhances adipocyte differentiation and decreases lipolysis in murine and human cells	Nehrenheim, Katja; Meyer, Imke; Brenden, Heidi; Vielhaber, Gabriele; Krutmann, Jean; Grether-Beck, Susanne	2013	22	10	10.1111/ex	0	0	1	1
339.	Commentary on the practical guide for the study of sebaceous glands	Nejati, Reza; Skobowiat, Cezary; Slominski, Andrzej T.	2013	22	10	10.1111/ex	0	0	1	1
340.	Evidence that Notch and Delta expressions have a role in dermal condensate aggregation during wool follicle initiation	Xavier, Stephanie P.; Gordon-Thomson, Clare; Wynn, Peter C.; McCullagh, Peter; Thomson, Peter C.; Tomkins, Lisa; Mason, Rebecca S.; Moore, Geoffrey P.	2013	22	10	10.1111/ex	1	0	0	1
341.	Keratinocyte cell lines derived from severe generalized recessive Epidermolysis Bullosa patients carrying a highly recurrent COL7A1 homozygous mutation: models to assess cell and gene therapies in vitro and in vivo	Chamorro, Cristina; Almarza, David; Duarte, Blanca; Llames, Sara G.; Murillas, Rodolfo; Garcia, Marta; Cigudosa, Juan C.; Espinosa-Hevia, Luis; Jose Escamez, Maria; Mencia, Angeles; Meana, Alvaro; Garcia-Escudero, Ramon; Moro, Rosa; Conti, Claudio J.; Del Rio, Marcela; Larcher, Fernando	2013	22	9	10.1111/ex	0	0	1	1
342.	Caspase-14 overexpression in hairless mice is not involved in utricle formation	Devos, Michael; De Groote, Philippe; Gilbert, Barbara; Bruggeman, Inge; Leurs, Kirsten; Lippens, Saskia; Vandenabeele, Peter; Declercq, Wim	2013	22	7	10.1111/ex	0	1	0	1
343.	Methods of hair loss evaluation: a comparison of TrichoScan (R) with the modified wash test	Guarrera, Marcella; Fiorucci, Maria Cristina; Rebora, Alfredo	2013	22	7	10.1111/ex	0	1	0	1
344.	External negative electric potential accelerates exocytosis of lamellar bodies in human skin ex vivo	Kumamoto, Junichi; Goto, Makiko; Denda, Sumiko; Nakatani, Masashi; Takasugi, Yuya; Tsuchiya, Katsunori; Shimizu, Yuji; Takatsuru, Yusuke; Denda,	2013	22	6	10.1111/ex	0	1	0	1
345.	Cowhage can induce itch in the atopic dog	Olivry, Thierry; Bizikova, Petra; Paps, Judy S.; Dunston, Stan; Lerner, Ethan A.; Yosipovitch, Gil	2013	22	6	10.1111/ex	0	0	1	1
346.	Postnatal regulation of X,K-ATPases in rat skin and conserved lateroapical polarization of Na,K-ATPase in vertebrate epidermis	Pestov, Nikolay B.; Korneenko, Tatyana V.; Shakhparonov, Mikhail I.; Modyanov, Nikolai N.	2013	22	6	10.1111/ex	0	1	0	1
347.	Ozone and SIRT3: an unexplored paradigm	Syed, Deeba N.; Mukhtar, Hasan	2013	22	6	10.1111/ex	0	1	0	1
348.	Phenotypic and functional traits of peripheral blood mononuclear cells retained by controlled cryopreservation: implications for reliable sequential studies of dynamic interactions with	Lockmann, Anike; Schoen, Michael P.	2013	22	5	10.1111/ex	0	1	0	1
349.	Topical tacrolimus does not negatively impact acute skin wound healing	Namkoong, Sun; Chung, Jimin; Yoo, Jiyeon; Jung, Minyoung; Gye, Jiwon; Kim, Ji Seok; Kim, Jee Young; Ahn, Sung Ku; Park, Byung Cheol; Kim, Myung Hwa; Hong, Seung Phil	2013	22	5	10.1111/ex	0	1	0	1
350.	NF1 gene silencing induces upregulation of vascular endothelial growth factor expression in both Schwann and non-Schwann cells	Kawachi, Yasuhiro; Maruyama, Hiroshi; Ishitsuka, Yosuke; Fujisawa, Yasuhiro; Furuta, Junichi; Nakamura, Yasuhiro; Ichikawa, Eiko; Furumura, Minao; Otsuka,	2013	22	4	10.1111/ex	0	0	1	1

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351.	A new COL3A1 mutation in Ehlers-Danlos syndrome type IV	Eder, Johanna; Laccone, Franco; Rohrbach, Marianne; Giunta, Cecilia; Aumayr, Klaus; Reichel, Christofer; Trautinger, Franz	2013	22	3		0	1	0	1
352.	The regenerative potential of fibroblasts in a new diabetes-induced delayed humanised wound healing model	Martinez-Santamaria, Lucia; Conti, Claudio J.; Llames, Sara; Garcia, Eva; Retamosa, Luisa; Holguin, Almudena; Illera, Nuria; Duarte, Blanca; Camblor, Lino; Llaneza, Jose M.; Jorcano, Jose L.; Larcher, Fernando; Meana, Alvaro; Escamez, Maria J.; Del Rio, Marcela	2013	22	3	10.1111/ex	0	1	0	1
353.	A lentiviral vector-based genetic sensor system for comparative analysis of permeability and activity of vitamin D3 analogues in xenotransplanted human	Staunstrup, Nicklas Heine; Bak, Rasmus O.; Cai, Yujia; Svensson, Lars; Petersen, Thomas K.; Rosada, Cecilia; Stenderup, Karin; Bolund, Lars; Mikkelsen, Jacob	2013	22	3	10.1111/ex	0	1	0	1
354.	Quality assessment of tissue specimens for studies of diabetic foot ulcers	Stojadinovic, Olivera; Landon, Jennifer N.; Gordon, Katherine A.; Pastar, Irena; Escandon, Julia; Vivas, Alejandra; Maderal, Andrea D.; Margolis, David J.; Kirsner, Robert S.; Tomic-Canic, Marjana	2013	22	3	10.1111/ex	1	0	0	1
355.	Photoprotective effect of libanoridin isolated from Corydalis heterocarpa on UVB stressed human keratinocyte cells	Ahn, Byul-Nim; Kim, Jung-Ae; Kong, Chang-Suk; Seo, Youngwan; Kim, Se-Kwon	2013	22	2	10.1111/ex	1	0	0	1
356.	Tensile stimuli increase nerve growth factor in human dermal fibroblasts independent of tension-induced TGF ss production	Kim, Mina; Shin, Dong Wook; Shin, Hyunjun; Noh, Minsoo; Shin, Jennifer H.	2013	22	1	10.1111/ex	0	0	1	1
357.	Differentiated hamster sebocytes exhibit apoptosis-resistant phenotype by the augmentation of intracellular calcium level in vitro	Kurihara, Hirokazu; Sato, Takashi; Akimoto, Noriko; Ito, Akira	2013	22	1	10.1111/ex	1	0	0	1
358.	Spontaneous occurrence of photoageing-like phenotypes in the dorsal skin of old SAMP1 mice, an oxidative stress model	Sakura, Masaaki; Chiba, Yoichi; Kamiya, Emi; Furukawa, Ayako; Kawamura, Noriko; Niwa, Masanao; Takeuchi, Minoru; Hosokawa, Masanori	2013	22	1	10.1111/ex	0	1	0	1
359.	The effects of Sophora angustifolia and other natural plant extracts on melanogenesis and melanin transfer in human skin cells	Singh, Suman K.; Baker, Richard; Wibawa, Judata I. D.; Bell, Mike; Tobin, Desmond J.	2013	22	1	10.1111/ex	0	1	0	1
360.	DCT protects human melanocytic cells from UVR and ROS damage and increases cell viability	Ainger, Stephen A.; Yong, Xuan L.; Wong, Shu S.; Skalamera, Dubravka; Gabrielli, Brian; Leonard, J. Helen; Sturm, Richard A.	2014	23	12	10.1111/ex	0	0	0	0
361.	Combining confocal Raman microscopy and freeze-drying for quantification of substance penetration into human skin	Franzen, Lutz; Anderski, Juliane; Planz, Viktoria; Kostka, Karl-Heinz; Windbergs, Maike	2014	23	12	10.1111/ex	0	0	0	0
362.	Polidocanol inhibits cowhage - but not histamine-induced itch in humans	Hawro, Tomasz; Fluhr, Joachim W.; Mengeaud, Valerie; Redoules, Daniel; Church, Martin K.; Maurer, Marcus; Metz, Martin	2014	23	12	10.1111/ex	0	0	0	0

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363.	CXCR7 expression correlates with tumor depth in cutaneous squamous cell carcinoma skin lesions and promotes tumor cell survival through ERK	Hu, Stephen Chu-Sung; Yu, Hsin-Su; Yen, Feng-Lin; Chen, Gwo-Shing; Lan, Cheng-Che E.	2014	23	12	10.1111/ex	0	0	0	0
364.	Egr-1 is a key regulator of IL-17A-induced psoriasis upregulation in psoriasis	Jeong, Sang Hoon; Kim, Hee Joo; Jang, Yeonsue; Ryu, Woo In; Lee, Hana; Kim, Jin Hee; Bae, Hyun Cheol; Choi, Jae Eun; Kye, Young Chul; Son, Sang Wook	2014	23	12	10.1111/ex	0	0	0	0
365.	Electric current-induced lymphatic activation	Kajiya, Kentaro; Matsumoto-Okazaki, Yuko; Sawane, Mika; Fukada, Kaedeko; Takasugi, Yuya; Akai, Tomonori; Saito, Naoki; Mori, Yuichiro	2014	23	12	10.1111/ex	0	0	0	0
366.	Endoplasmic reticulum stress: key promoter of rosacea pathogenesis	Melnik, Bodo C.	2014	23	12	10.1111/ex	0	0	0	0
367.	Comparative transcriptional profiling of human Merkel cells and Merkel cell carcinoma	Mouchet, Nicolas; Coquart, Nolwenn; Lebonvallet, Nicolas; Le Gall-Ianotto, Christelle; Mogha, Ariane; Fautrel, Alain; Boulais, Nicholas; Dreno, Brigitte; Martin, Ludovic; Hu, Weiguo; Galibert, Marie-Dominique; Misery, Laurent	2014	23	12	10.1111/ex	0	0	0	0
368.	Hair type-specific function of canonical Wnt activity in adult mouse skin	Niemann, Catherin; Schneider, Marlon R.	2014	23	12	10.1111/ex	0	0	0	0
369.	In situ assessment of PI3K and PTEN alterations in mycosis fungoides: correlation with clinicopathological features	Papadavid, Evangelia; Korkolopoulou, Penelope; Levidou, Georgia; Saetta, Angelica A.; Papadaki, Theodora; Siakantaris, Marina; Nikolaou, Vassiliki; Oikonomidi, Afroditi; Chatziandreou, Ilenia; Marinos, Leonidas; Kolialexi, Aggeliki; Stratigos, Alexandros; Rigopoulos, Dimitrios; Psyrri, Amanta; Patsouris, Efratios; Antoniou, Christina	2014	23	12	10.1111/ex	0	0	0	0
370.	Effects of anti-TNF-alpha agents on circulating endothelial-derived and platelet-derived microparticles in psoriasis	Pelletier, Fabien; Garnache-Ottou, Francine; Biichle, Sabeha; Vivot, Aureore; Humbert, Philippe; Saas, Philippe; Seilles, Estelle; Aubin, Francois	2014	23	12	10.1111/ex	0	0	0	0
371.	Accelerating bleaching in vitiligo: balancing benefits versus risks	Seneschal, Julien; Boniface, Katia; Ezzedine, Khaled; Taieb, Alain	2014	23	12	10.1111/ex	0	0	0	0
372.	Knockdown of lecithin retinol acyltransferase increases all-trans retinoic acid levels and restores retinoid sensitivity in malignant melanoma cells	Amann, Philipp M.; Czaja, Katharina; Bazhin, Alexandr V.; Ruehl, Ralph; Skazik, Claudia; Heise, Ruth; Marquardt, Yvonne; Eichmueller, Stefan B.; Merk, Hans F.; Baron, Jens M.	2014	23	11	10.1111/ex	0	0	0	0
373.	Will the wound-healing field earn its wings?	Anderson, Aimee E.; Galko, Michael J.	2014	23	11	10.1111/ex	0	0	0	0
374.	Inhibition of STAT3 signalling contributes to the antimelanoma action of atractylenolide II	Fu, Xiu-Qiong; Chou, Gui-Xin; Kwan, Hiu Yee; Tse, Anfernee Kai-Wing; Zhao, Li-Han; Yuen, Tsz-Kin; Cao, Hui-hui; Yu, Hua; Chao, Xiao-Juan; Su, Tao; Cheng, Brian Chi-Yan; Sun, Xue-Gang; Yu, Zhi-Ling	2014	23	11	10.1111/ex	0	0	0	0

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(papers of ADF members marked yellow)**

375.	Topical ceramides neither enhance UVB-induced apoptosis in normal human keratinocytes nor affect viability in UVB-irradiated reconstructed human epidermis	Grether-Beck, Susanne; Felsner, Ingo; Koehler, Tim; Farwick, Mike; Lersch, Peter; Rawlings, Anthony V.; Krutmann, Jean	2014	23	11	10.1111/ex	0	0	0	0
376.	The role of cytokines and chemokines in the T-cell-mediated autoimmune process in alopecia areata	Ito, Taisuke; Tokura, Yoshiki	2014	23	11	10.1111/ex	0	0	0	0
377.	Skin and glucocorticoids: effects of local skin glucocorticoid impairment on skin homeostasis	Nikolakis, Georgios; Zouboulis, Christos C.	2014	23	11	10.1111/ex	0	0	0	0
378.	The plot thickens while the scope broadens: a holistic view on IL-17 in psoriasis and other inflammatory disorders	Schoen, Michael P.	2014	23	11	10.1111/ex	0	0	0	0
379.	Long-term maintenance of skin immune system in a NOD-Scid IL2r gamma(null) mouse model transplanted with human skin	Soria, Angele; Boccara, David; Chonco, Louis; Yahia, Nora; Dufossee, Melody; Cardinaud, Sylvain; Moris, Arnaud; Liard, Christelle; Joulin-Giet, Alix; Julithe, Marion; Mimoun, Maurice; Combadiere, Behazine;	2014	23	11	10.1111/ex	0	0	0	0
380.	Bacterial soft tissue infection in psoriasis despite induction of epidermal antimicrobial peptides	Steinz, Kirsten; Schubert, Sabine; Harder, Juergen; Gerdes, Sascha; Mrowietz, Ulrich; Glaeser, Regine	2014	23	11	10.1111/ex	0	0	0	0
381.	Where we stand with human hypertrophic and keloid scar models	Williams, Felicia N.; Herndon, David N.; Branski, Ludwik K.	2014	23	11	10.1111/ex	0	0	0	0
382.	Microbe driven T-helper cell differentiation: lessons from <i>Candida albicans</i> and <i>Staphylococcus aureus</i>	Zielinski, Christina E.	2014	23	11	10.1111/ex	0	0	0	0
383.	The clinical experience and efficacy of bipolar radiofrequency with fractional photothermolysis for aged Asian skin	Akita, Hirotaka; Sasaki, Ryosuke; Yokoyama, Yusuke; Negishi, Kei; Matsunaga, Kayoko	2014	23		10.1111/ex	0	0	0	0
384.	Analysis of protein-protein interaction between late cornified envelope proteins and corneodesmosin	Bergboer, Judith G. M.; Dulak, Maria G.; van Vlijmen-Willems, Ivonne M. J. J.; Jonca, Nathalie; van Wijk, Erwin; Hendriks, Wiljan J. A. J.; Zeeuwen, Patrick L. J. M.; Schalkwijk, Joost	2014	23	10	10.1111/ex	0	0	0	0
385.	'Upgrading' psoriasis responsibly	Boehncke, Sandra; Boehncke, Wolf-Henning	2014	23	10	10.1111/ex	0	0	0	0
386.	Novel gene identified in an exome-wide association study of tanning dependence	Cartmel, Brenda; Dewan, Andrew; Ferrucci, Leah M.; Gelernter, Joel; Stapleton, Jerod; Leffell, David J.; Mayne, Susan T.; Bale, Allen E.	2014	23	10	10.1111/ex	0	0	0	0
387.	Non-thermal plasmas: novel preventive and curative therapy against melanomas?	Gesbert, Franck; Larue, Lionel	2014	23	10	10.1111/ex	0	0	0	0
388.	Ultraviolet irradiation represses TGF-beta type II receptor transcription through a 38-bp sequence in the proximal promoter in human skin fibroblasts	He, Tianyuan; Quan, Taihao; Fisher, Gary J.	2014	23		10.1111/ex	0	0	0	0
389.	Interrogating the integument: the role of the epidermis in hair induction	Higgins, Claire A.	2014	23	10	10.1111/ex	0	0	0	0

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390.	The maximal cumulative solar UVB dose allowed to maintain healthy and young skin and prevent premature photoaging	Ichihashi, Masamitsu; Ando, Hideya	2014	23		10.1111/ex	0	0	0	0
391.	Relevant new insights into the effects of photoprotection in cutaneous lupus erythematosus	Kreuter, Alexander; Lehmann, Percy	2014	23	10	10.1111/ex	0	0	0	0
392.	Meaning of relative gene expression in multilayered cultures of epidermal keratinocytes	Malaisse, Jeremy; Hermant, Maryse; Hayez, Aurelie; Poumay, Yves; de Rouvroit, Catherine Lambert	2014	23	10	10.1111/ex	0	0	0	0
393.	Does therapeutic intervention in atopic dermatitis normalize epidermal Notch deficiency?	Melnik, Bodo C.	2014	23	10	10.1111/ex	0	0	0	0
394.	Anti-photoaging capability of antioxidant extract from Camellia japonica leaf	Mizutani, Taeko; Masaki, Hitoshi	2014	23		10.1111/ex	0	0	0	0
395.	Merkel cells and touch domes: more than mechanosensory functions?	Xiao, Ying; Williams, Jonathan S.; Brownell, Isaac	2014	23	10	10.1111/ex	0	0	0	0
396.	Macrophage migration inhibitory factor (MIF) in the stratum corneum: a marker of the local severity of atopic dermatitis	Yasuda, Chie; Enomoto, Akiko; Ishiwatari, Shioji; Mori, Naoya; Kagoyama, Ko; Matsunaga, Kenji; Yoshihisa, Yoko; Matsukuma, Shoko; Shimizu, Tadamichi	2014	23	10	10.1111/ex	0	0	0	0
397.	Epidermal gene expression and ethnic pigmentation variations among individuals of Asian, European and African ancestry	Yin, Lanlan; Coelho, Sergio G.; Ebsen, Dominik; Smuda, Christoph; Mahns, Andre; Miller, Sharon A.; Beer, Janusz Z.; Kolbe, Ludger; Hearing, Vincent J.	2014	23	10	10.1111/ex	0	0	0	0
398.	The possible involvement of skin dryness on alterations of the dermal matrix	Yokota, Mariko; Shimizu, Kenji; Kyotani, Daiki; Yahagi, Shoichi; Hashimoto, Satoru; Masaki, Hitoshi	2014	23		10.1111/ex	0	0	0	0
399.	Wheat germ agglutinin as a counterstain for immunofluorescence studies of equine hoof	Clark, Robert K.; Galantino-Homer, Hannah L.	2014	23	9	10.1111/ex	0	0	0	0
400.	Three dimensional distribution of Propionibacterium acnes biofilms in human skin	Jahns, Anika C.; Alexeyev, Oleg A.	2014	23	9	10.1111/ex	0	0	0	0
401.	Novel KRT14 mutation causing epidermolysis bullosa simplex with variable phenotype	Jankowski, Marek; Wertheim-Tysarowska, Katarzyna; Jakubowski, Rafal; Sota, Justyna; Nowak, Wieslaw; Czajkowski, Rafal	2014	23	9	10.1111/ex	0	0	0	0
402.	Role of endothelin-1/endothelin receptor signaling in fibrosis and calcification in nephrogenic systemic fibrosis	Motegi, Sei-ichiro; Okada, Etsuko; Uchiyama, Akihiko; Yamada, Kazuya; Ogino, Sachiko; Yokoyama, Yoko; Takeuchi, Yuko; Monma, Fumiko; Suzuki, Tamio; Ishikawa, Osamu	2014	23	9	10.1111/ex	0	0	0	0
403.	Coming home at last: dermal white adipose tissue	Schneider, Marlon R.	2014	23	9	10.1111/ex	0	0	0	0
404.	Role of organic osmolytes in water homeostasis in skin	El-Chami, Cecile; Haslam, Iain S.; Steward, Martin C.; O'Neill, Catherine A.	2014	23	8	10.1111/ex	0	0	0	0
405.	In vivo study of targeted nanomedicine delivery into Langerhans cells by multiphoton laser scanning microscopy	Kolonics, Attila; Csiszovszki, Zsolt; Toke, Eniko R.; Lorincz, Orsolya; Haluszka, Dora; Szipocs, Robert	2014	23	8	10.1111/ex	0	0	0	0

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406.	The skin microbiome of caspase-14-deficient mice shows mild dysbiosis	Kubica, Malgorzata; Hildebrand, Falk; Brinkman, Brigitta M.; Goossens, Dirk; Del Favero, Jurgen; Vercammen, Ken; Cornelis, Pierre; Schroeder, Jens-Michael; Vandenabeele, Peter; Raes, Jeroen; Declercq, Wim	2014	23	8	10.1111/ex	0	0	0	0
407.	B-cell activating factor detected on both naive and memory B cells in bullous pemphigoid	Qian, Hua; Kusuhashi, Masahiro; Li, Xiaoguang; Tsuruta, Daisuke; Tsuchisaka, Atsunari; Ishii, Norito; Koga, Hiroshi; Hayakawa, Taihei; Ohara, Koji; Karashima, Tadashi; Ohyama, Bungo; Ohata, Chika; Furumura, Minao; Hashimoto, Takashi	2014	23	8	10.1111/ex	0	0	0	0
408.	From bedside to bench - reverse translational medicine. Scientific lessons from revertant mosaicism in 'knockout' humans	Recke, Andreas; Ludwig, Ralf J.	2014	23	8	10.1111/ex	0	0	0	0
409.	The novel PI3 kinase inhibitor, BAY 80-6946, impairs melanoma growth in vivo and in vitro	Schneider, Philine; Schoen, Margarete; Pletz, Nadin; Seitz, Cornelia S.; Liu, Ningshu; Ziegelbauer, Karl; Zachmann, Karolin; Emmert, Steffen; Schoen, Michael	2014	23	8	10.1111/ex	0	0	0	0
410.	Enhanced bleaching treatment: opportunities for immune-assisted melanocyte suicide in vitiligo	Webb, Kirsten C.; Eby, Jonathan M.; Hariharan, Vidhya; Hernandez, Claudia; Luiten, Rosalie M.; Le Poole, I. Caroline	2014	23	8	10.1111/ex	0	0	0	0
411.	Role of integrin signalling through integrin-linked kinase in skin physiology and pathology	Eckes, Beate; Krieg, Thomas; Wickstroem, Sara A.	2014	23	7	10.1111/ex	0	0	0	0
412.	Novel nanosome delivery system combined with siRNA targeting the antimicrobial gene DFB4: a new approach for psoriasis management?	Keren, Aviad; David, Michael; Gilhar, Amos	2014	23	7	10.1111/ex	0	0	0	0
413.	Mutation-dependent effects on mRNA and protein expressions in cultured keratinocytes of Hailey-Hailey disease	Matsuda, Mitsuhiko; Hamada, Takahiro; Numata, Sanae; Teye, Kwesi; Okazawa, Hiromi; Imafuku, Shinichi; Ohata, Chika; Furumura, Minao; Hashimoto, Takashi	2014	23	7	10.1111/ex	0	0	0	0
414.	Vitiligo treatment demystified: a flowchart for stratified treatment approaches	Tung, Rebecca; Le Poole, I. Caroline	2014	23	7	10.1111/ex	0	0	0	0
415.	CD109, a novel TGF-beta antagonist, decreases fibrotic responses in a hypoxic wound model	Winocour, Sebastian; Vorstenbosch, Joshua; Trzeciak, Alissa; Lessard, Lucie; Philip, Anie	2014	23	7	10.1111/ex	0	0	0	0
416.	Quantifying activity: a new assay reveals T-cell signalling in tiny skin biopsy samples	Dornmair, Klaus	2014	23	6	10.1111/ex	0	0	0	0
417.	Cannabinoid 1 receptors in keratinocytes attenuate fluorescein isothiocyanate-induced mouse atopic-like dermatitis	Gaffal, Evelyn; Glodde, Nicole; Jakobs, Mira; Bald, Tobias; Tueting, Thomas	2014	23	6	10.1111/ex	0	0	0	0
418.	Similar appearance, different mechanisms: xerosis in HIV, atopic dermatitis and ageing	Mischo, Meike; von Kobyletzki, Laura B.; Bruendermann, Erik; Schmidt, Diedrich A.; Potthoff, Anja; Brockmeyer, Norbert H.; Havenith, Martina	2014	23	6	10.1111/ex	0	0	0	0

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419.	Interleukin 20 protein locates to distinct mononuclear cells in psoriatic skin	Bech, Rikke; Otkjaer, Kristian; Birkelund, Svend; Vorup-Jensen, Thomas; Agger, Ralf; Johansen, Claus; Iversen, Lars; Kragballe, Knud; Romer, John	2014	23	5	10.1111/ex	0	0	0	0
420.	Genotype analysis in Hungarian patients with multiple primary melanoma	Hatvani, Zsofia; Brodszky, Valentin; Mazan, Mercedesz; Pinter, Dora; Harsing, Judit; Toth, Veronika; Somlai, Beata; Karpati, Sarolta	2014	23	5	10.1111/ex	0	0	0	0
421.	TLR2 and TLR4 expression in atopic dermatitis, contact dermatitis and psoriasis	Panzer, Ruediger; Blobel, Conrad; Foelster-Holst, Regina; Proksch, Ehrhardt	2014	23	5	10.1111/ex	0	0	0	0
422.	Intra-epidermal nerve fibres in human skin: back to the roots	Abels, Christoph	2014	23	4	10.1111/ex	0	0	0	0
423.	A question of persistence: Langerhans cells and graft-versus-host disease	Collin, Matthew; Jardine, Laura	2014	23	4	10.1111/ex	0	0	0	0
424.	The atopic skin-like microenvironment modulates the T-cell-polarising cytokine production of myeloid dendritic cells, as determined by laser scanning cytometry	Nagy, Georgina; Doan-Xuan, Quang-Minh; Gaspar, Krisztian; Mocsai, Gabor; Kapitany, Aniko; Toerocsik, Daniel; Bacso, Zsolt; Gyimesi, Edit; Remenyik, Eva; Biro, Tamas; Szegedi, Andrea	2014	23	4	10.1111/ex	0	0	0	0
425.	Signalling protein complexes isolated from primary human skin-resident T cells can be analysed by Multiplex IP-FCM	Smith, Stephen E. P.; Neier, Steven C.; Davis, Tessa R.; Pittelkow, Mark R.; Gil, Diana; Schrum, Adam G.	2014	23	4	10.1111/ex	0	0	0	0
426.	Tumor-educated myeloid cells: impact the micro- and macroenvironment	Becker, Juergen C.	2014	23	3	10.1111/ex	0	0	0	0
427.	Targeted silencing of DEFB4 in a bioengineered skin-humanized mouse model for psoriasis: development of siRNA SECosome-based novel	Bracke, Stefanie; Carretero, Marta; Guerrero-Aspizua, Sara; Desmet, Eline; Illera, Nuria; Navarro, Manuel; Lambert, Jo; Del Rio, Marcela	2014	23	3	10.1111/ex	0	0	0	0
428.	Absence of CD4 or CD8 lymphocytes changes infiltration of inflammatory cells and profiles of cytokine expression in skin wounds, but does not impair healing	Chen, Lin; Mehta, Nisha D.; Zhao, Yan; DiPietro, Luisa A.	2014	23	3	10.1111/ex	0	0	0	0
429.	S100B as a potential biomarker for the detection of cytotoxicity of melanocytes	Cheong, Kyung Ah; Noh, Minsoo; Kim, Chang-Hyun; Lee, Ai-Young	2014	23	3	10.1111/ex	0	0	0	0
430.	Regulation of pigmentation by substrate elasticity in normal human melanocytes and melanotic MNT1 human melanoma cells	Choi, Hyunjung; Kim, Mina; Ahn, Song Ih; Cho, Eun-Gyung; Lee, Tae Ryong; Shin, Jennifer H.	2014	23	3	10.1111/ex	0	0	0	0
431.	LncRNA: a new player in 1 alpha, 25(OH)(2) vitamin D-3/VDR protection against skin cancer	Jiang, Yan J.; Bikle, Daniel D.	2014	23	3	10.1111/ex	0	0	0	0
432.	Autophagy induced by resveratrol suppresses alpha-MSH-induced melanogenesis	Kim, Eun Sung; Chang, Huikyoung; Choi, Hyunjung; Shin, Ji Hyun; Park, So Jung; Jo, Yoon Kyung; Choi, Eun Sun; Baek, Seok Yun; Kim, Byung-Gyu; Chang, Jong Wook; Kim, Jin Cheon; Cho, Dong-Hyung	2014	23	3	10.1111/ex	0	0	0	0

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433.	Signalling pathways in pemphigus vulgaris	Li, Xiaoguang; Ishii, Norito; Ohata, Chika; Furumura, Minao; Hashimoto, Takashi	2014	23	3	10.1111/ex	0	0	0	0
434.	Epidermal expression of Lgr6 is dependent on nerve endings and Schwann cells	Liao, Xin-Hua; Hoang Nguyen	2014	23	3	10.1111/ex	0	0	0	0
435.	Increased frequencies of CD11b(+)CD33(+)CD14(+)HLA-DRlow myeloid-derived suppressor cells are an early event in melanoma patients	Rudolph, Berenice M.; Loquai, Carmen; Gerwe, Alexander; Bacher, Nicole; Steinbrink, Kerstin; Grabbe, Stephan; Tuettenberg, Andrea	2014	23	3	10.1111/ex	0	0	0	0
436.	Mast cells protect from skin tumor development and limit tumor growth during cutaneous de novo carcinogenesis in a Kit-dependent mouse model	Siebenhaar, Frank; Metz, Martin; Maurer, Marcus	2014	23	3	10.1111/ex	0	0	0	0
437.	Establishing the dynamics of neutrophil accumulation in vivo by reflectance confocal microscopy	Wolberink, Eshter A. W.; Peppelman, Malou; de Kerkhof, Peter C. M. van; van Erp, Piet E. J.; Gerritsen, Marie-Jeanne P.	2014	23	3	10.1111/ex	0	0	0	0
438.	Allergic contact dermatitis beyond IL-1 beta role of additional family members	Worm, Margitta	2014	23	3	10.1111/ex	0	0	0	0
439.	Astaxanthin, a xanthophyll carotenoid, inhibits ultraviolet-induced apoptosis in keratinocytes	Yoshihisa, Yoko; Rehman, Mati Ur; Shimizu, Tadamichi	2014	23	3	10.1111/ex	0	0	0	0
440.	Is Mcl-1L the new anti-apoptotic effector of B-RAFV(600E) in melanoma?	Bergamaschi, Daniele	2014	23	2	10.1111/ex	0	0	0	0
441.	Frontiers in epidermal barrier homeostasis - an approach to mathematical modelling of epidermal calcium dynamics	Denda, Mitsuhiro; Denda, Sumiko; Tsutsumi, Moe; Goto, Makiko; Kumamoto, Junichi; Nakatani, Masashi; Takei, Kentaro; Kitahata, Hiroyuki; Nakata, Satoshi; Sawabu, Yusuke; Kobayashi, Yasuaki; Nagayama, Masaharu	2014	23	2	10.1111/ex	0	0	0	0
442.	High-throughput, high-content screening for novel pigmentation regulators using a keratinocyte/melanocyte co-culture system	Lee, Ju Hee; Chen, Hongxiang; Kolev, Vihren; Aull, Katherine H.; Jung, Inhee; Wang, Jun; Miyamoto, Shoko; Hosoi, Junichi; Mandinova, Anna; Fisher, David	2014	23	2	10.1111/ex	0	0	0	0
443.	Serum miRNA expression profiles change in autoimmune vitiligo in mice	Shi, Yu-Ling; Weiland, Matthew; Lim, Henry W.; Mi, Qing-Sheng; Zhou, Li	2014	23	2	10.1111/ex	0	0	0	0
444.	The functional relevance of polyploidization in the	Trakala, Marianna; Malumbres, Marcos	2014	23	2	10.1111/ex	0	0	0	0
445.	Internalization routes of cell-penetrating melanoma antigen peptides into human dendritic cells	Buhl, Timo; Braun, Andrea; Forkel, Susann; Moebius, Wiebke; van Werven, Lars; Jahn, Olaf; Rezaei-Ghaleh, Nasrollah; Zweckstetter, Markus; Mempel, Martin; Schoen, Michael P.; Haenssle, Holger A.	2014	23	1	10.1111/ex	0	0	0	0
446.	Time-dependent progression from the acute to chronic phases in atopic dermatitis induced by epicutaneous allergen stimulation in NC/Nga mice	Kim, Ji-Yun; Jeong, Mi Sook; Park, Mi Kyung; Lee, Mi-Kyung; Seo, Seong Jun	2014	23	1	10.1111/ex	0	0	0	0
447.	Selective proliferation of normal human melanocytes in vitro in the presence of phorbol ester and cholera toxin by Eisinger and Marko	Scott, Glynis	2014	23	1	10.1111/ex	0	0	0	0

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448.	Fructose 1, 6-diphosphate regulates desmosomal proteins and collagen fibres in human skin equivalents	Choi, Hyun; Yang, Seung Ha; Bae, Il-Hong; Park, Ju-Yearl; Kim, Hyoung-June; Noh, Minsoo; Lee, Tae Ryong; Shin, Dong Wook	2013	22	12	10.1111/ex	0	0	0	0
449.	Cells or signals: which moves to drive skin pattern formation?	Headon, Denis	2013	22	12	10.1111/ex	0	0	0	0
450.	Efficacy of oregonin investigated by non-invasive evaluation in a B16 mouse melanoma model	Lee, Onseok; Kim, Jaeyoung; Choi, Young Wook; Lee, Minwon; Park, Gyuman; Oh, Chilwan	2013	22	12	10.1111/ex	0	0	0	0
451.	A new KRT16 mutation associated with a phenotype of pachyonychia congenita	Paris, Francesc; Hurtado, Cristina; Azon, Antoni; Aguado, Leyre; Vizmanos, Jose L.	2013	22	12	10.1111/ex	0	0	0	0
452.	Is Mc1r an important regulator of non-pigmentary responses to UV radiation?	Zmijewski, Michal A.; Slominski, Andrzej T.	2013	22	12	10.1111/ex	0	0	0	0
453.	Psoriatic keratinocytes are resistant to tumor necrosis factor alpha's induction of mRNA for the NMDA-R2C subunit	Morhenn, Vera B.; Nahm, William J.; Mansbridge, Jonathan N.	2013	22	11	10.1111/ex	0	0	0	0
454.	Commentary on: Hairless and the polyamine putrescine form a negative regulatory loop in the epidermis	Ramot, Yuval; Vardy, Leah A.	2013	22	11	10.1111/ex	0	0	0	0
455.	Endothelial cells are highly heterogeneous at the level of cytokine-induced insulin resistance	Woth, Kathrin; Prein, Claudia; Steinhorst, Katja; Diehl, Sandra; Boehncke, Wolf-Henning; Buerger, Claudia	2013	22	11	10.1111/ex	0	0	0	0
456.	Human skin melanocyte migration towards stromal cell-derived factor-1 alpha demonstrated by optical real-time cell mobility assay: modulation of their chemotactic ability by alpha-melanocyte-stimulating hormone	Yamauchi, Akira; Hadjur, Christophe; Takahashi, Tadahito; Suzuki, Itaru; Hirose, Kunitaka; Mahe, Yann F.	2013	22	10	10.1111/ex	0	0	0	0
457.	What causes alopecia areata? Epilogue	Inui, Shigeki; Itami, Satoshi	2013	22	9		0	0	0	0
458.	Ageing and colony-forming efficiency of human hair follicle keratinocytes	Lecardonnel, Jennifer; Deshayes, Nathalie; Genty, Gaianne; Parent, Nathalie; Bernard, Bruno A.; Rathman-Josserand, Michelle; Paris, Maryline	2013	22	9	10.1111/ex	0	0	0	0
459.	Role of CPI-17 in restoring skin homeostasis in cutaneous field of cancerization: effects of topical application of a film-forming medical device containing photolyase and UV filters	Anton Puig-Butille, Joan; Malvehy, Josep; Potrony, Miriam; Trullas, Carles; Garcia-Garcia, Francisco; Dopazo, Joaquin; Puig, Susana	2013	22	7	10.1111/ex	0	0	0	0
460.	Approach towards developing a novel procedure to selectively quantify topically applied substances in the hair follicles of the model tissue porcine ear	Knorr, Fanny; Patzelt, Alexa; Richter, Heike; Schanzer, Sabine; Sterry, Wolfram; Lademann, Juergen	2013	22	6	10.1111/ex	0	0	0	0
461.	Nucleic acid-based non-invasive prenatal diagnosis of genetic skin diseases: are we ready?	Ma, Yonghui; Gong, He; Wen, Yaran	2013	22	6	10.1111/ex	0	0	0	0
462.	Targeting ALDH1A1 to treat pigmentary disorders	Kleszczynski, Konrad; Slominski, Andrzej T.	2013	22	5	10.1111/ex	0	0	0	0
463.	There is a world beyond protein mutations: the role of non-coding RNAs in melanomagenesis	Swoboda, Rolf K.; Herlyn, Meenhard	2013	22	5	10.1111/ex	0	0	0	0

**EXD 2013/2014: all cited papers
(papers of ADF members marked yellow)**

464.	Imbalance of intermediate filament component keratin 14 contributes to increased stress signalling in epidermolysis bullosa simplex	Wagner, Martin; Trost, Andrea; Hintner, Helmut; Bauer, Johann W.; Onder, Kamil	2013	22	4	10.1111/ex	0	0	0	0
465.	Distribution of polyethylene glycol coated quantum dots in mice skin	Kulvietis, Vytautas; Zurauskas, Edvardas; Rotomskis, Ricardas	2013	22	2	10.1111/ex	0	0	0	0