Jeroen van Smeden

List of Publications by Year
in descending order

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		516561	580701
25	1,898	16	25
papers	citations	h-index	g-index

25	25	25	1918
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increase in short-chain ceramides correlates with an altered lipid organization and decreased barrier function in atopic eczema patients. Journal of Lipid Research, 2012, 53, 2755-2766.	2.0	349
2	Stratum Corneum Lipids: Their Role for the Skin Barrier Function in Healthy Subjects and Atopic Dermatitis Patients. Current Problems in Dermatology, 2016, 49, 8-26.	0.8	243
3	TNF-Î± and Th2 Cytokines Induce Atopic Dermatitisâ€“Like Features on Epidermal Differentiation Proteins and Stratum Corneum Lipids in Human Skin Equivalents. Journal of Investigative Dermatology, 2014, 134, 1941-1950.	0.3	238
4	The importance of free fatty acid chain length for the skin barrier function in atopic eczema patients. Experimental Dermatology, 2014, 23, 45-52.	1.4	201
5	LC/MS analysis of stratum corneum lipids: ceramide profiling and discovery. Journal of Lipid Research, 2011, 52, 1211-1221.	2.0	191
6	Lamellar Lipid Organization and Ceramide Composition in the Stratum Corneum of Patients with Atopic Eczema. Journal of Investigative Dermatology, 2011, 131, 2136-2138.	0.3	96
7	Combined LC/MS-platform for analysis of all major stratum corneum lipids, and the profiling of skin substitutes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 70-79.	1.2	94
8	Altered expression of epidermal lipid bio-synthesis enzymes in atopic dermatitis skin is accompanied by changes in stratum corneum lipid composition. Journal of Dermatological Science, 2017, 88, 57-66.	1.0	92
9	Intercellular Skin Barrier Lipid Composition and Organization in Netherton Syndrome Patients. Journal of Investigative Dermatology, 2014, 134, 1238-1245.	0.3	74
10	Increased Presence of Monounsaturated Fatty Acids in the Stratum Corneum of Human Skin Equivalents. Journal of Investigative Dermatology, 2013, 133, 59-67.	0.3	51
11	Knockâ€down of filaggrin does not affect lipid organization and composition in stratum corneum of reconstructed human skin equivalents. Experimental Dermatology, 2013, 22, 807-812.	1.4	43
12	Quantitative analysis of ceramides using a novel lipidomics approach with three dimensional response modelling. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1652-1661.	1.2	41
13	Barrier Properties of an N/TERT-Based Human Skin Equivalent. Tissue Engineering - Part A, 2014, 20, 3041-3049.	1.6	35
14	Improved epidermal barrier formation in human skin models by chitosan modulated dermal matrices. PLoS ONE, 2017, 12, e0174478.	1.1	28
15	Applying a vernix caseosa based formulation accelerates skin barrier repair by modulating lipid biosynthesis. Journal of Lipid Research, 2018, 59, 250-260.	2.0	19
16	Skin barrier lipid enzyme activity in Netherton patients is associated with protease activity and ceramide abnormalities. Journal of Lipid Research, 2020, 61, 859-869.	2.0	18
17	Modulation of stratum corneum lipid composition and organization of human skin equivalents by specific medium supplements. Experimental Dermatology, 2015, 24, 669-674.	1.4	17
18	Topically applied fatty acids are elongated before incorporation in the stratum corneum lipid matrix in compromised skin. Experimental Dermatology, 2017, 26, 36-43.	1.4	15

#	Article	IF	Citations
19	In situ visualization of glucocerebrosidase in human skin tissue: zymography versus activity-based probe labeling. Journal of Lipid Research, 2017, 58, 2299-2309.	2.0	15
20	Selectivity in cornified envelop binding of ceramides in human skin and the role of LXR inactivation on ceramide binding. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1206-1213.	1.2	10
21	The Cornified Envelope-Bound Ceramide Fraction Is Altered in Patients with Atopic Dermatitis. Journal of Investigative Dermatology, 2020, 140, 1097-1100.e4.	0.3	8
22	Deâ€risking Clinical Trials: The BIAL Phase I Trial in Foresight. Clinical Pharmacology and Therapeutics, 2022, 111, 362-365.	2.3	7
23	Mechanistic studies of the transdermal iontophoretic delivery of 5-OH-DPAT in vitro. Journal of Pharmaceutical Sciences, 2010, 99, 275-285.	1.6	6
24	Exploring the potentials of nurture: 2nd and 3rd generation explant human skin equivalents. Journal of Dermatological Science, 2015, 77, 102-109.	1.0	4
25	Skin barrier dysfunction in non-lesional atopic eczema: the role of stratum corneum lipids. European Journal of Dermatology, 2013, , .	0.3	3