

# Jeroen van Smeden

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,898  
citations

516561

16  
h-index

580701

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1918  
citing authors

#	ARTICLE	IF	CITATIONS
1	De-risking Clinical Trials: The BIAL Phase I Trial in Foresight. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 362-365.	2.3	7
2	The Cornified Envelope-Bound Ceramide Fraction Is Altered in Patients with Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1097-1100.e4.	0.3	8
3	Skin barrier lipid enzyme activity in Netherton patients is associated with protease activity and ceramide abnormalities. <i>Journal of Lipid Research</i> , 2020, 61, 859-869.	2.0	18
4	Selectivity in cornified envelop binding of ceramides in human skin and the role of LXR inactivation on ceramide binding. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1206-1213.	1.2	10
5	Applying a vernix caseosa based formulation accelerates skin barrier repair by modulating lipid biosynthesis. <i>Journal of Lipid Research</i> , 2018, 59, 250-260.	2.0	19
6	Topically applied fatty acids are elongated before incorporation in the stratum corneum lipid matrix in compromised skin. <i>Experimental Dermatology</i> , 2017, 26, 36-43.	1.4	15
7	Altered expression of epidermal lipid bio-synthesis enzymes in atopic dermatitis skin is accompanied by changes in stratum corneum lipid composition. <i>Journal of Dermatological Science</i> , 2017, 88, 57-66.	1.0	92
8	In situ visualization of glucocerebrosidase in human skin tissue: zymography versus activity-based probe labeling. <i>Journal of Lipid Research</i> , 2017, 58, 2299-2309.	2.0	15
9	Improved epidermal barrier formation in human skin models by chitosan modulated dermal matrices. <i>PLoS ONE</i> , 2017, 12, e0174478.	1.1	28
10	Stratum Corneum Lipids: Their Role for the Skin Barrier Function in Healthy Subjects and Atopic Dermatitis Patients. <i>Current Problems in Dermatology</i> , 2016, 49, 8-26.	0.8	243
11	Quantitative analysis of ceramides using a novel lipidomics approach with three dimensional response modelling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1652-1661.	1.2	41
12	Modulation of stratum corneum lipid composition and organization of human skin equivalents by specific medium supplements. <i>Experimental Dermatology</i> , 2015, 24, 669-674.	1.4	17
13	Exploring the potentials of nurture: 2nd and 3rd generation explant human skin equivalents. <i>Journal of Dermatological Science</i> , 2015, 77, 102-109.	1.0	4
14	Barrier Properties of an N/TERT-Based Human Skin Equivalent. <i>Tissue Engineering - Part A</i> , 2014, 20, 3041-3049.	1.6	35
15	Intercellular Skin Barrier Lipid Composition and Organization in Netherton Syndrome Patients. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1238-1245.	0.3	74
16	TNF- $\alpha$ and Th2 Cytokines Induce Atopic Dermatitis-Like Features on Epidermal Differentiation Proteins and Stratum Corneum Lipids in Human Skin Equivalents. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1941-1950.	0.3	238
17	The importance of free fatty acid chain length for the skin barrier function in atopic eczema patients. <i>Experimental Dermatology</i> , 2014, 23, 45-52.	1.4	201
18	Combined LC/MS-platform for analysis of all major stratum corneum lipids, and the profiling of skin substitutes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 70-79.	1.2	94

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19	Increased Presence of Monounsaturated Fatty Acids in the Stratum Corneum of Human Skin Equivalents. <i>Journal of Investigative Dermatology</i> , 2013, 133, 59-67.	0.3	51
20	Knockdown of filaggrin does not affect lipid organization and composition in stratum corneum of reconstructed human skin equivalents. <i>Experimental Dermatology</i> , 2013, 22, 807-812.	1.4	43
21	Skin barrier dysfunction in non-lesional atopic eczema: the role of stratum corneum lipids. <i>European Journal of Dermatology</i> , 2013, , .	0.3	3
22	Increase in short-chain ceramides correlates with an altered lipid organization and decreased barrier function in atopic eczema patients. <i>Journal of Lipid Research</i> , 2012, 53, 2755-2766.	2.0	349
23	Lamellar Lipid Organization and Ceramide Composition in the Stratum Corneum of Patients with Atopic Eczema. <i>Journal of Investigative Dermatology</i> , 2011, 131, 2136-2138.	0.3	96
24	LC/MS analysis of stratum corneum lipids: ceramide profiling and discovery. <i>Journal of Lipid Research</i> , 2011, 52, 1211-1221.	2.0	191
25	Mechanistic studies of the transdermal iontophoretic delivery of 5-OH-DPAT in vitro. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 275-285.	1.6	6