

Walter A Boiten

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

458
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.4	94
2	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.	1.9	92
3	Intercellular Skin Barrier Lipid Composition and Organization in Netherton Syndrome Patients. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1238-1245.	0.7	74
4	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.	2.4	41
5	Human skin equivalents cultured under hypoxia display enhanced epidermal morphogenesis and lipid barrier formation. <i>Scientific Reports</i> , 2019, 9, 7811.	3.3	27
6	Contribution of Palmitic Acid to Epidermal Morphogenesis and Lipid Barrier Formation in Human Skin Equivalents. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6069.	4.1	20
7	Applying a vernix caseosa based formulation accelerates skin barrier repair by modulating lipid biosynthesis. <i>Journal of Lipid Research</i> , 2018, 59, 250-260.	4.2	19
8	Characterization of human skin equivalents developed at body's core and surface temperatures. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1122-1133.	2.7	16
9	Pathologically Decreased CSF Levels of Synaptic Marker NPTX2 in DLB Are Correlated with Levels of Alpha-Synuclein and VGF. <i>Cells</i> , 2021, 10, 38.	4.1	16
10	Compromising human skin in vivo and ex vivo to study skin barrier repair. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1103-1108.	2.4	12
11	The effects of LXR agonist T0901317 and LXR antagonist GSK2033 on morphogenesis and lipid properties in full thickness skin models. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158546.	2.4	11
12	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.	2.4	10
13	The Cornified Envelope-Bound Ceramide Fraction Is Altered in Patients with Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1097-1100.e4.	0.7	8
14	Unravelling effects of relative humidity on lipid barrier formation in human skin equivalents. <i>Archives of Dermatological Research</i> , 2019, 311, 679-689.	1.9	7
15	Multitargeted Approach for the Optimization of Morphogenesis and Barrier Formation in Human Skin Equivalents. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5790.	4.1	6
16	Improved organotypic skin model with reduced quantity of monounsaturated ceramides by inhibiting stearyl-CoA desaturase-1. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158885.	2.4	3