

Philip W Wertz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

3,613
citations

30
h-index

41
g-index

41
ext. papers

3,811
ext. citations

3.4
avg, IF

5.09
L-index

#	Paper	IF	Citations
40	Evidence that the corneocyte has a chemically bound lipid envelope. <i>Journal of Investigative Dermatology</i> , 1987 , 88, 709-13	4.3	280
39	Presence of intact intercellular lipid lamellae in the upper layers of the stratum corneum. <i>Journal of Investigative Dermatology</i> , 1987 , 88, 714-8	4.3	280
38	Ceramides of pig epidermis: structure determination. <i>Journal of Lipid Research</i> , 1983 , 24, 759-765	6.3	256
37	Ceramides of pig epidermis: structure determination. <i>Journal of Lipid Research</i> , 1983 , 24, 759-65	6.3	236
36	Composition and morphology of epidermal cyst lipids. <i>Journal of Investigative Dermatology</i> , 1987 , 89, 419-25	4.3	197
35	Lipids and barrier function of the skin. <i>Acta Dermato-Venereologica</i> , 2000 , 208, 7-11	2.2	191
34	Human stratum corneum polar lipids and desquamation. <i>Archives of Dermatological Research</i> , 1985 , 277, 284-7	3.3	162
33	Covalently bound omega-hydroxyacylsphingosine in the stratum corneum. <i>Lipids and Lipid Metabolism</i> , 1987 , 917, 108-11		159
32	Covalently bound lipids of human stratum corneum. <i>Journal of Investigative Dermatology</i> , 1989 , 92, 109-113		158
31	Regional variation in content, composition and organization of porcine epithelial barrier lipids revealed by thin-layer chromatography and transmission electron microscopy. <i>Archives of Oral Biology</i> , 1995 , 40, 1085-91	2.8	138
30	Sphingolipids of the stratum corneum and lamellar granules of fetal rat epidermis. <i>Journal of Investigative Dermatology</i> , 1984 , 83, 193-5	4.3	128
29	Antibacterial activity of sphingoid bases and fatty acids against Gram-positive and Gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1157-61	5.9	127
28	Acylglucosylceramides of pig epidermis: structure determination. <i>Journal of Lipid Research</i> , 1983 , 24, 753-758	6.3	122
27	The role of the corneocyte lipid envelopes in cohesion of the stratum corneum. <i>Journal of Investigative Dermatology</i> , 1989 , 93, 169-72	4.3	112
26	Acylglucosylceramides of pig epidermis: structure determination. <i>Journal of Lipid Research</i> , 1983 , 24, 753-8	6.3	112
25	Lipid composition of cohesive and desquamated corneocytes from mouse ear skin. <i>Journal of Investigative Dermatology</i> , 1986 , 86, 187-90	4.3	81
24	Linoleate-rich acylglucosylceramides of pig epidermis: structure determination by proton magnetic resonance.. <i>Journal of Lipid Research</i> , 1985 , 26, 761-766	6.3	81

23	Lamellar granule biogenesis: a role for ceramide glucosyltransferase, lysosomal enzyme transport, and the Golgi. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1998 , 3, 80-6	1.1	71
22	Linoleate-rich acylglucosylceramides of pig epidermis: structure determination by proton magnetic resonance. <i>Journal of Lipid Research</i> , 1985 , 26, 761-6	6.3	66
21	Glucosylceramides of pig epidermis: structure determination.. <i>Journal of Lipid Research</i> , 1983 , 24, 1135-1139	6.3	61
20	Effects of essential fatty acid deficiency on epidermal O-acylsphingolipids and transepidermal water loss in young pigs. <i>Lipids and Lipid Metabolism</i> , 1987 , 921, 191-7		57
19	Free sphingosine in human epidermis. <i>Journal of Investigative Dermatology</i> , 1990 , 94, 159-61	4.3	56
18	Epidermal lipids. <i>Seminars in Dermatology</i> , 1992 , 11, 106-13		54
17	Ceramidase activity in porcine epidermis. <i>FEBS Letters</i> , 1990 , 268, 110-2	3.8	53
16	Glucosylceramides of pig epidermis: structure determination. <i>Journal of Lipid Research</i> , 1983 , 24, 1135-96.3	6.3	53
15	In vitro reconstitution of stratum corneum lipid lamellae. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998 , 1372, 135-40	3.8	51
14	Free sphingosines in porcine epidermis. <i>Lipids and Lipid Metabolism</i> , 1989 , 1002, 213-7		47
13	Cellular and molecular basis of barrier function in oral epithelium. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 1991 , 8, 237-69	2.8	45
12	Organization of the intercellular spaces of porcine epidermal and palatal stratum corneum: a quantitative study employing ruthenium tetroxide. <i>Cell and Tissue Research</i> , 1995 , 279, 271-6	4.2	40
11	Inhibition of retinoid signaling in transgenic mice alters lipid processing and disrupts epidermal barrier function. <i>Molecular Endocrinology</i> , 1997 , 11, 792-800		33
10	Lipids and the Permeability and Antimicrobial Barriers of the Skin. <i>Journal of Lipids</i> , 2018 , 2018, 5954034	2.7	29
9	Covalently bound lipids in keratinizing epithelia. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993 , 1150, 98-102	3.8	23
8	A new covalently bound ceramide from human stratum corneum -omega-hydroxyacylphytosphingosine. <i>International Journal of Cosmetic Science</i> , 2006 , 28, 225-30	2.7	16
7	Structures of the ceramides from porcine palatal stratum corneum. <i>Lipids</i> , 2009 , 44, 291-5	1.6	13
6	Roles of Lipids in the Permeability Barriers of Skin and Oral Mucosa. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7

5	Differential cytotoxicity of long-chain bases for human oral gingival epithelial keratinocytes, oral fibroblasts, and dendritic cells. <i>Toxicology Letters</i> , 2015 , 237, 21-9	4.4	5
4	Naturally occurring β -Hydroxyacids. <i>International Journal of Cosmetic Science</i> , 2018 , 40, 31-33	2.7	4
3	Lipid Metabolic Events Underlying the Formation of the Corneocyte Lipid Envelope. <i>Skin Pharmacology and Physiology</i> , 2021 , 34, 38-50	3	4
2	Protein Analysis of Sapientic Acid-Treated <i>Porphyromonas gingivalis</i> Suggests Differential Regulation of Multiple Metabolic Pathways. <i>Journal of Bacteriology</i> , 2016 , 198, 157-67	3.5	3
1	Differential cytotoxicity of long-chain bases for human oral gingival epithelial keratinocytes, oral fibroblasts, and dendritic cells. <i>Data in Brief</i> , 2015 , 5, 285-91	1.2	2