

Anthony Rawlings

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,054
citations

236925

25
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

2075
citing authors

#	ARTICLE	IF	CITATIONS
1	Stratum Corneum Moisturization at the Molecular Level. <i>Journal of Investigative Dermatology</i> , 1994, 103, 731-740.	0.7	396
2	Stratum Corneum Moisturization at the Molecular Level: An Update in Relation to the Dry Skin Cycle. <i>Journal of Investigative Dermatology</i> , 2005, 124, 1099-1110.	0.7	285
3	Ethnic skin types: are there differences in skin structure and function? ¹ . <i>International Journal of Cosmetic Science</i> , 2006, 28, 79-93.	2.6	280
4	Dry skin, moisturization and corneodesmolysis. <i>International Journal of Cosmetic Science</i> , 2000, 22, 21-52.	2.6	225
5	Measuring the effects of topical moisturizers on changes in stratum corneum thickness, water gradients and hydration <i>in vivo</i> . <i>British Journal of Dermatology</i> , 2008, 159, ???-???	1.5	199
6	Trends in stratum corneum research and the management of dry skin conditions. <i>International Journal of Cosmetic Science</i> , 2003, 25, 63-95.	2.6	164
7	Increased stratum corneum serine protease activity in acute eczematous atopic skin. <i>British Journal of Dermatology</i> , 2009, 161, 70-77.	1.5	161
8	Effect of lactic acid isomers on keratinocyte ceramide synthesis, stratum corneum lipid levels and stratum corneum barrier function. <i>Archives of Dermatological Research</i> , 1996, 288, 383-390.	1.9	132
9	Efficient and simple quantification of stratum corneum proteins on tape strippings by infrared densitometry. <i>Skin Research and Technology</i> , 2007, 13, 242-251.	1.6	121
10	The cornified cell envelope: an important marker of stratum corneum maturation in healthy and dry skin. <i>International Journal of Cosmetic Science</i> , 2003, 25, 157-167.	2.6	82
11	Profiling of serine protease activities in human stratum corneum and detection of a stratum corneum trypsin-like enzyme. <i>International Journal of Cosmetic Science</i> , 2007, 29, 191-200.	2.6	80
12	Stratum corneum proteases and dry skin conditions. <i>Cell and Tissue Research</i> , 2013, 351, 217-235.	2.9	79
13	Seasonal influences on stratum corneum ceramide 1 fatty acids and the influence of topical essential fatty acids. <i>International Journal of Cosmetic Science</i> , 1996, 18, 1-12.	2.6	66
14	The chemistry, function and (patho)physiology of stratum corneum barrier ceramides. <i>International Journal of Cosmetic Science</i> , 2017, 39, 366-372.	2.6	62
15	Increased basal transepidermal water loss leads to elevation of some but not all stratum corneum serine proteases. <i>International Journal of Cosmetic Science</i> , 2008, 30, 435-442.	2.6	59
16	Molecular basis for stratum corneum maturation and moisturization. <i>British Journal of Dermatology</i> , 2014, 171, 19-28.	1.5	54
17	Early-life regional and temporal variation in filaggrin-derived natural moisturizing factor, filaggrin-processing enzyme activity, corneocyte phenotypes and plasmin activity: implications for atopic dermatitis. <i>British Journal of Dermatology</i> , 2018, 179, 431-441.	1.5	43
18	A novel continuous colour mapping approach for visualization of facial skin hydration and transepidermal water loss for four ethnic groups. <i>International Journal of Cosmetic Science</i> , 2015, 37, 595-605.	2.6	42

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19	A fundamental investigation into aspects of the physiology and biochemistry of the stratum corneum in subjects with sensitive skin. <i>International Journal of Cosmetic Science</i> , 2017, 39, 2-10.	2.6	42
20	Recent advances in skin "barrier"™ research. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 671-677.	2.4	39
21	Increased mass levels of certain serine proteases in the stratum corneum in acute eczematous atopic skin. <i>International Journal of Cosmetic Science</i> , 2011, 33, 560-565.	2.6	34
22	Facial skin mapping: from single point bioinstrumental evaluation to continuous visualization of skin hydration, barrier function, skin surface pH, and sebum in different ethnic skin types. <i>International Journal of Cosmetic Science</i> , 2019, 41, 411-424.	2.6	32
23	Investigation of the Molecular Structure of the Human Stratum Corneum Ceramides [NP] and [EOS] by Mass Spectrometry. <i>Skin Pharmacology and Physiology</i> , 2011, 24, 127-135.	2.5	27
24	Effect of allergens and irritants on levels of natural moisturizing factor and corneocyte morphology. <i>Contact Dermatitis</i> , 2017, 76, 287-295.	1.4	27
25	Effect of different alcohols on stratum corneum kallikrein 5 and phospholipase A ₂ together with epidermal keratinocytes and skin irritation. <i>International Journal of Cosmetic Science</i> , 2017, 39, 188-196.	2.6	27
26	Reduced barrier efficiency in axillary stratum corneum. <i>International Journal of Cosmetic Science</i> , 2002, 24, 151-161.	2.6	23
27	The rational design of biomimetic skin barrier lipid formulations using biophysical methods. <i>International Journal of Cosmetic Science</i> , 2017, 39, 206-216.	2.6	23
28	Variation in the activities of late stage filaggrin processing enzymes, calpain and bleomycin hydrolase, together with pyrrolidone carboxylic acid levels, corneocyte phenotypes and plasmin activities in non-sun-exposed and sun-exposed facial stratum corneum of different ethnicities. <i>International Journal of Cosmetic Science</i> , 2016, 38, 567-575.	2.6	21
29	Cross-cultural perception of female facial appearance: A multi-ethnic and multi-centre study. <i>PLoS ONE</i> , 2021, 16, e0245998.	2.5	21
30	Facial skin pigmentation is not related to stratum corneum cohesion, basal transepidermal water loss, barrier integrity and barrier repair. <i>International Journal of Cosmetic Science</i> , 2015, 37, 241-252.	2.6	19
31	Variation in stratum corneum protein content as a function of anatomical site and ethnic group. <i>International Journal of Cosmetic Science</i> , 2016, 38, 224-231.	2.6	19
32	Bio-derived hydroxystearic acid ameliorates skin age spots and conspicuous pores. <i>International Journal of Cosmetic Science</i> , 2019, 41, 240-256.	2.6	17
33	Original Contribution: Three clinical studies showing the anti-aging benefits of sodium salicylate in human skin. <i>Journal of Cosmetic Dermatology</i> , 2010, 9, 174-184.	1.6	16
34	The effect of photodamage on the female Caucasian facial stratum corneum corneome using mass spectrometry-based proteomics. <i>International Journal of Cosmetic Science</i> , 2017, 39, 637-652.	2.6	16
35	The effect of an amphiphilic self-assembled lipid lamellar phase on the relief of dry skin. <i>International Journal of Cosmetic Science</i> , 2012, 34, 567-574.	2.6	15
36	A new approach to assess the effect of photodamage on corneocyte envelope maturity using combined hydrophobicity and mechanical fragility assays. <i>International Journal of Cosmetic Science</i> , 2018, 40, 207-216.	2.6	13

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37	Broad specificity alkaline proteases efficiently reduce the visual scaling associated with soap-induced xerosis. <i>Archives of Dermatological Research</i> , 2001, 293, 500-507.	1.9	12
38	Synthesis and characterization of O-acylated- γ -hydroxy fatty acids as skin-protecting barrier lipids. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 137-146.	9.4	11
39	The importance of 12R Δ -lipoxygenase and transglutaminase activities in the hydration Δ dependent <i>in vivo</i> maturation of corneocyte envelopes. <i>International Journal of Cosmetic Science</i> , 2019, 41, 563-578.	2.6	11
40	Clinical and <i>in vitro</i> evaluation of new anti Δ redness cosmetic products in subjects with winter xerosis and sensitive skin. <i>International Journal of Cosmetic Science</i> , 2019, 41, 534-547.	2.6	10
41	12R Δ -lipoxygenase activity is reduced in photodamaged facial stratum corneum. A novel activity assay indicates a key function in corneocyte maturation. <i>International Journal of Cosmetic Science</i> , 2019, 41, 274-280.	2.6	9
42	Differences between perceived age and chronological age in women: A multi Δ ethnic and multi Δ centre study. <i>International Journal of Cosmetic Science</i> , 2021, 43, 547-560.	2.6	8
43	The effects of benzylsulfonyl Δ serine Δ homophenylamide(4 Δ amidino Δ benzylamide), a dual plasmin and urokinase inhibitor, on facial skin barrier function in subjects with sensitive skin. <i>International Journal of Cosmetic Science</i> , 2017, 39, 109-120.	2.6	6
44	Effect of regioisomers of hydroxystearic acids as peroxisomal proliferator Δ activated receptor agonists to boost the anti Δ ageing potential of retinoids. <i>International Journal of Cosmetic Science</i> , 2021, 43, 619-626.	2.6	5
45	Changes in levels of omega Δ acylceramides and related processing enzymes of sun Δ exposed and sun Δ protected facial stratum corneum in differently pigmented ethnic groups. <i>International Journal of Cosmetic Science</i> , 2022, 44, 166-176.	2.6	5
46	Expression and ultrastructural localization of plasmin(ogen) in the terminally differentiated layers of normal human epidermis. <i>International Journal of Cosmetic Science</i> , 2019, 41, 624-628.	2.6	4
47	Topical niacinamide enhances hydrophobicity and resilience of corneocyte envelopes on different facial locations. <i>International Journal of Cosmetic Science</i> , 2020, 42, 632-636.	2.6	4
48	Characterizing the nanomechanical properties of microcomedones after treatment with sodium salicylate <i>in vivo</i> using atomic force microscopy. <i>International Journal of Cosmetic Science</i> , 2021, 43, 610-618.	2.6	4
49	Comment on: Δ Structural and functional differences in skin of colour Δ ™. <i>Clinical and Experimental Dermatology</i> , 2022, 47, 407-409.	1.3	2
50	Skin moisturisation by dermonutrition: outcomes of a dairy matrix product. <i>Prime</i> , 2011, 1, 32-43.	0.0	2
51	Microbes: Fighting for space on a fragile interface. <i>International Journal of Cosmetic Science</i> , 2020, 42, 310-312.	2.6	0