

Genji Imokawa

List of Publications by Year in descending order

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116
papers

7,066
citations

53660

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58464

82
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120
all docs

120
docs citations

120
times ranked

4292
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased Level of Ceramides in Stratum Corneum of Atopic Dermatitis: An Etiologic Factor in Atopic Dry Skin?. <i>Journal of Investigative Dermatology</i> , 1991, 96, 523-526.	0.3	916
2	Autocrine and Paracrine Regulation of Melanocytes in Human Skin and in Pigmentary Disorders. <i>Pigment Cell & Melanoma Research</i> , 2004, 17, 96-110.	4.0	339
3	Decreased Levels of Sphingosine, a Natural Antimicrobial Agent, may be Associated with Vulnerability of the Stratum Corneum from Patients with Atopic Dermatitis to Colonization by <i>Staphylococcus aureus</i> . <i>Journal of Investigative Dermatology</i> , 2002, 119, 433-439.	0.3	241
4	Endothelin-1 as a New Melanogen: Coordinated Expression of Its Gene and the Tyrosinase Gene in UVB-Exposed Human Epidermis. <i>Journal of Investigative Dermatology</i> , 1995, 105, 32-37.	0.3	211
5	High-Expression of Sphingomyelin Deacylase is an Important Determinant of Ceramide Deficiency Leading to Barrier Disruption in Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2000, 115, 406-413.	0.3	208
6	Stratum Corneum Lipids Serve as a Bound-Water Modulator. <i>Journal of Investigative Dermatology</i> , 1990, 96, 845-851.	0.3	204
7	Selective Recovery of Deranged Water-Holding Properties by Stratum Corneum Lipids. <i>Journal of Investigative Dermatology</i> , 1986, 87, 758-761.	0.3	197
8	Abnormal Expression of Sphingomyelin Acylase in Atopic Dermatitis: An Etiologic Factor for Ceramide Deficiency?. <i>Journal of Investigative Dermatology</i> , 1996, 106, 1242-1249.	0.3	196
9	The Paracrine Role of Stem Cell Factor/c-kit Signaling in the Activation of Human Melanocytes in Ultraviolet-B-Induced Pigmentation. <i>Journal of Investigative Dermatology</i> , 2001, 116, 578-586.	0.3	173
10	A Possible Function of Structural Lipids in the Water-Holding Properties of the Stratum Corneum. <i>Journal of Investigative Dermatology</i> , 1985, 84, 282-284.	0.3	167
11	Signalling mechanisms of endothelin-induced mitogenesis and melanogenesis in human melanocytes. <i>Biochemical Journal</i> , 1996, 314, 305-312.	1.7	158
12	The Role of Elastases Secreted by Fibroblasts in Wrinkle Formation: Implication Through Selective Inhibition of Elastase Activity. <i>Photochemistry and Photobiology</i> , 2001, 74, 283.	1.3	154
13	Percutaneous sensitization with allergens through barrier-disrupted skin elicits a Th2-dominant cytokine response. <i>European Journal of Immunology</i> , 1998, 28, 769-779.	1.6	150
14	The Role of the Epidermal Endothelin Cascade in the Hyperpigmentation Mechanism of Lentigo Senilis. <i>Journal of Investigative Dermatology</i> , 2001, 116, 571-577.	0.3	127
15	Granulocyte/macrophage colony-stimulating factor is an intrinsic keratinocyte-derived growth factor for human melanocytes in UVA-induced melanosis. <i>Biochemical Journal</i> , 1996, 313, 625-631.	1.7	123
16	Astaxanthin attenuates the UVA-induced up-regulation of matrix-metalloproteinase-1 and skin fibroblast elastase in human dermal fibroblasts. <i>Journal of Dermatological Science</i> , 2010, 58, 136-142.	1.0	120
17	Mechanisms underlying the dysfunction of melanocytes in vitiligo epidermis: role of SCF/KIT protein interactions and the downstream effector, MITF-M. <i>Journal of Pathology</i> , 2004, 202, 463-475.	2.1	113
18	Biological Mechanisms Underlying the Ultraviolet Radiation-Induced Formation of Skin Wrinkling and Sagging I: Reduced Skin Elasticity, Highly Associated with Enhanced Dermal Elastase Activity, Triggers Wrinkling and Sagging. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7753-7775.	1.8	107

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19	The Epidermal Stem Cell Factor Is Over-Expressed in Lentigo Senilis: Implication for the Mechanism of Hyperpigmentation. <i>Journal of Investigative Dermatology</i> , 2004, 122, 1256-1265.	0.3	103
20	Biological characterization of human fibroblast-derived mitogenic factors for human melanocytes. <i>Biochemical Journal</i> , 1998, 330, 1235-1239.	1.7	102
21	Biphasic Expression of Two Paracrine Melanogenic Cytokines, Stem Cell Factor and Endothelin-1, in Ultraviolet B-Induced Human Melanogenesis. <i>American Journal of Pathology</i> , 2004, 165, 2099-2109.	1.9	99
22	Intracellular Signaling Mechanisms Leading to Synergistic Effects of Endothelin-1 and Stem Cell Factor on Proliferation of Cultured Human Melanocytes. <i>Journal of Biological Chemistry</i> , 2000, 275, 33321-33328.	1.6	97
23	β -Glucocerebrosidase activity in mammalian stratum corneum. <i>Journal of Lipid Research</i> , 1999, 40, 861-869.	2.0	97
24	Quantitative Analysis of Stratum Corneum Lipids in Xerosis and Asteatotic Eczema. <i>Journal of Dermatology</i> , 1993, 20, 1-6.	0.6	95
25	A possible mechanism underlying the ceramide deficiency in atopic dermatitis: Expression of a deacylase enzyme that cleaves the N-acyl linkage of sphingomyelin and glucosylceramide. <i>Journal of Dermatological Science</i> , 2009, 55, 1-9.	1.0	82
26	Epistatic connections between microphthalmia-associated transcription factor and endothelin signaling in Waardenburg syndrome and other pigmentary disorders. <i>FASEB Journal</i> , 2008, 22, 1155-1168.	0.2	78
27	Th1 cytokines accentuate but Th2 cytokines attenuate ceramide production in the stratum corneum of human epidermal equivalents: An implication for the disrupted barrier mechanism in atopic dermatitis. <i>Journal of Dermatological Science</i> , 2012, 68, 25-35.	1.0	78
28	The skin of atopic dermatitis patients contains a novel enzyme, glucosylceramide sphingomyelin deacylase, which cleaves the N-acyl linkage of sphingomyelin and glucosylceramide. <i>Biochemical Journal</i> , 2000, 350, 747-756.	1.7	77
29	Recent advances in characterizing biological mechanisms underlying UV-induced wrinkles: a pivotal role of fibroblast-derived elastase. <i>Archives of Dermatological Research</i> , 2008, 300, 7-20.	1.1	75
30	Inhibition of ultraviolet-B-induced wrinkle formation by an elastase-inhibiting herbal extract: implication for the mechanism underlying elastase-associated wrinkles. <i>International Journal of Dermatology</i> , 2006, 45, 460-468.	0.5	74
31	Selective Inhibition of Skin Fibroblast Elastase Elicits a Concentration-Dependent Prevention of Ultraviolet B-Induced Wrinkle Formation. <i>Journal of Investigative Dermatology</i> , 2001, 117, 671-677.	0.3	72
32	Mechanism of UVB-Induced Wrinkling of the Skin: Paracrine Cytokine Linkage between Keratinocytes and Fibroblasts Leading to the Stimulation of Elastase. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2009, 14, 36-43.	0.8	70
33	Purification and Biochemical Characterization of Membrane-bound Epidermal Ceramidases from Guinea Pig Skin. <i>Journal of Biological Chemistry</i> , 1995, 270, 12677-12684.	1.6	69
34	Sphingosylphosphorylcholine is upregulated in the stratum corneum of patients with atopic dermatitis. <i>Journal of Lipid Research</i> , 2003, 44, 93-102.	2.0	59
35	Analysis of Initial Melanogenesis Including Tyrosinase Transfer and Melanosome Differentiation Though Interrupted Melanization by Glutathione. <i>Journal of Investigative Dermatology</i> , 1989, 93, 100-107.	0.3	56
36	Degree of Ultraviolet-Induced Tortuosity of Elastic Fibers in Rat Skin Is Age Dependent. <i>Journal of Investigative Dermatology</i> , 1995, 105, 254-258.	0.3	56

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37	Astaxanthin attenuates the UVB-induced secretion of prostaglandin E ₂ and interleukin-8 in human keratinocytes by interrupting MSK1 phosphorylation in a ROS depletion-independent manner. <i>Experimental Dermatology</i> , 2012, 21, 11-17.	1.4	54
38	The Mechanism of Epidermal Hyperpigmentation in Dermatofibroma is Associated with Stem Cell Factor and Hepatocyte Growth Factor Expression. <i>Journal of Investigative Dermatology</i> , 2001, 117, 627-633.	0.3	53
39	Assessment of Epidermal Barrier Function by Photoacoustic Spectrometry in Relation to Its Importance in the Pathogenesis of Atopic Dermatitis. <i>Laboratory Investigation</i> , 2002, 82, 1451-1461.	1.7	51
40	Functional Analysis of Tyrosinase Isozymes of Cultured Malignant Melanoma Cells During the Recovery Period Following Interrupted Melanogenesis Induced by Glycosylation Inhibitors. <i>Journal of Investigative Dermatology</i> , 1984, 83, 196-201.	0.3	50
41	Decreased Levels of Covalently Bound Ceramide Are Associated with Ultraviolet B-Induced Perturbation of the Skin Barrier. <i>Journal of Investigative Dermatology</i> , 2004, 123, 1102-1109.	0.3	50
42	Nepriylsin Is Identical to Skin Fibroblast Elastase. <i>Journal of Biological Chemistry</i> , 2010, 285, 39819-39827.	1.6	50
43	Inhibitors of Intracellular Signaling Pathways that Lead to Stimulated Epidermal Pigmentation: Perspective of Anti-Pigmenting Agents. <i>International Journal of Molecular Sciences</i> , 2014, 15, 8293-8315.	1.8	49
44	Sphingosylphosphorylcholine is a Potent Inducer of Intercellular Adhesion Molecule-1 Expression in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1999, 112, 91-96.	0.3	47
45	Abnormal Expression of the Novel Epidermal Enzyme, Glucosylceramide Deacylase, and the Accumulation of its Enzymatic Reaction Product, Glucosylsphingosine, in the Skin of Patients with Atopic Dermatitis. <i>Laboratory Investigation</i> , 2003, 83, 397-408.	1.7	47
46	Biological Mechanisms Underlying the Ultraviolet Radiation-Induced Formation of Skin Wrinkling and Sagging II: Over-Expression of Nepriylsin Plays an Essential Role. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7776-7795.	1.8	46
47	Ultraviolet-B irradiation deforms the configuration of elastic fibers during the induction of actinic elastosis in rats. <i>Journal of Dermatological Science</i> , 1994, 7, 32-38.	1.0	43
48	A single UVB exposure increases the expression of functional KIT in human melanocytes by up-regulating MITF expression through the phosphorylation of p38/CREB. <i>Archives of Dermatological Research</i> , 2010, 302, 283-294.	1.1	43
49	A systematic method for the sensitive and specific determination of hair lipids in combination with chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 823, 131-142.	1.2	38
50	The skin of atopic dermatitis patients contains a novel enzyme, glucosylceramide sphingomyelin deacylase, which cleaves the N-acyl linkage of sphingomyelin and glucosylceramide. <i>Biochemical Journal</i> , 2000, 350, 747.	1.7	37
51	Role of Ceramide in the Barrier Function of the Stratum Corneum, Implications for the Pathogenesis of Atopic Dermatitis. <i>Journal of Clinical & Experimental Dermatology Research</i> , 2014, 05, .	0.1	34
52	Characterization of the lipid composition at the proximal root regions of human hair. <i>Journal of Cosmetic Science</i> , 2005, 56, 1-16.	0.1	34
53	Importance of Glycoproteins in the Initiation of Melanogenesis: An Electron Microscopic Study of b-16 Melanoma Cells After Release from Inhibition of Glycosylation. <i>Journal of Investigative Dermatology</i> , 1986, 87, 319-325.	0.3	31
54	Analysis of Tyrosinases as Asparagin-Linked Oligosaccharides by Concanavalin A Lectin Chromatography: Appearance of New Segment of Tyrosinases in Melanoma Cells Following Interrupted Melanogenesis Induced by Glycosylation Inhibitors. <i>Journal of Investigative Dermatology</i> , 1985, 85, 165-168.	0.3	28

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55	Unusual wrinkle formation after temporary skin fixation followed by UVB irradiation in hairless mouse skin. <i>Experimental Dermatology</i> , 1996, 5, 145-149.	1.4	28
56	Characterization of Surfactant-Induced Skin Damage through Barrier Recovery Induced by Pseudoacylceramides. <i>Dermatology</i> , 2005, 211, 128-134.	0.9	28
57	UVB Stimulates the Expression of Endothelin B Receptor in Human Melanocytes via a Sequential Activation of the p38/MSK1/CREB/MITF Pathway Which Can Be Interrupted by a French Maritime Pine Bark Extract through a Direct Inactivation of MSK1. <i>PLoS ONE</i> , 2015, 10, e0128678.	1.1	28
58	Sphingosylphosphorylcholine is an activator of transglutaminase activity in human keratinocytes. <i>Journal of Lipid Research</i> , 2001, 42, 1562-1570.	2.0	28
59	An accumulation of glucosylceramide in the stratum corneum due to attenuated activity of beta-glucocerebrosidase is associated with the early phase of UVB-induced alteration in cutaneous barrier function. <i>Archives of Dermatological Research</i> , 2005, 297, 18-25.	1.1	27
60	Reevaluation of the non-lesional dry skin in atopic dermatitis by acute barrier disruption: an abnormal permeability barrier homeostasis with defective processing to generate ceramide. <i>Archives of Dermatological Research</i> , 2014, 306, 427-440.	1.1	27
61	New inhibitors of melanogenesis, OH-3984 K1 and K2. I. Taxonomy, fermentation, isolation and biological characteristics.. <i>Journal of Antibiotics</i> , 1993, 46, 1520-1525.	1.0	26
62	The UVB-Stimulated Expression of Transglutaminase 1 Is Mediated Predominantly via the NF κ B Signaling Pathway: New Evidence of Its Significant Attenuation through the Specific Interruption of the p38/MSK1/NF κ Bp65 Ser276 Axis. <i>PLoS ONE</i> , 2015, 10, e0136311.	1.1	26
63	Sphingosylphosphorylcholine is a Melanogenic Stimulator for Human Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 2003, 16, 670-678.	4.0	25
64	Surfactant-Induced Depletion of Ceramides and Other Intercellular Lipids: Implication for the Mechanism Leading to Dehydration of the Stratum corneum. <i>Exogenous Dermatology</i> , 2004, 3, 81-98.	0.5	25
65	Biochemical Characterization of Endothelin-converting Enzyme-1 \pm in Cultured Skin-derived Cells and Its Postulated Role in the Stimulation of Melanogenesis in Human Epidermis. <i>Journal of Biological Chemistry</i> , 2002, 277, 5395-5403.	1.6	24
66	Biosynthesis of Acylceramide in Murine Epidermis: Characterization by Inhibition of Glucosylation and Deglucosylation, and by Substrate Specificity. <i>Journal of Investigative Dermatology</i> , 2004, 122, 722-729.	0.3	24
67	An Extract of <i>Withania somnifera</i> Attenuates Endothelin α 1-stimulated Pigmentation in Human Epidermal Equivalents through the Interruption of PKC Activity Within Melanocytes. <i>Phytotherapy Research</i> , 2011, 25, 1398-1411.	2.8	24
68	Abrogating effect of a xanthophyll carotenoid astaxanthin on the stem cell factor-induced stimulation of human epidermal pigmentation. <i>Archives of Dermatological Research</i> , 2012, 304, 803-816.	1.1	24
69	<i>Withania somnifera</i> extract attenuates stem cell factor-stimulated pigmentation in human epidermal equivalents through interruption of ERK phosphorylation within melanocytes. <i>Journal of Natural Medicines</i> , 2012, 66, 435-446.	1.1	24
70	Melanocyte Activation Mechanisms and Rational Therapeutic Treatments of Solar Lentigos. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3666.	1.8	24
71	Differential Hypermelanosis Induced By Allergic Contact Dermatitis. <i>Journal of Investigative Dermatology</i> , 1987, 89, 540-545.	0.3	22
72	Epithelial α -mesenchymal interaction during UVB-induced up-regulation of neutral endopeptidase. <i>Biochemical Journal</i> , 2012, 443, 297-305.	1.7	21

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73	The stem cell factor-stimulated melanogenesis in human melanocytes can be abrogated by interrupting the phosphorylation of MSK1: evidence for involvement of the p38/MSK1/CREB/MITF axis. <i>Archives of Dermatological Research</i> , 2018, 310, 187-196.	1.1	21
74	An extract of <i>Melia toosendan</i> attenuates endothelin-1-stimulated pigmentation in human epidermal equivalents through the interruption of PKC activity within melanocytes. <i>Archives of Dermatological Research</i> , 2011, 303, 263-276.	1.1	20
75	Signaling Cascades Activated by UVB in Human Melanocytes Lead to the Increased Expression of Melanocyte Receptors, Endothelin B Receptor and KIT. <i>Photochemistry and Photobiology</i> , 2018, 94, 421-431.	1.3	19
76	Treatment with Synthetic Pseudoceramide Improves Atopic Skin, Switching the Ceramide Profile to a Healthy Skin Phenotype. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1762-1770.e8.	0.3	19
77	Mechanical methods for evaluating skin surface architecture in relation to wrinkling. <i>Journal of Dermatological Science</i> , 2001, 27, 5-10.	1.0	18
78	Downregulated melanogenic paracrine cytokine linkages in hypopigmented palmoplantar skin. <i>Pigment Cell and Melanoma Research</i> , 2008, 21, 687-699.	1.5	18
79	A reconstructed human epidermal keratinization culture model to characterize ceramide metabolism in the stratum corneum. <i>Archives of Dermatological Research</i> , 2012, 304, 563-577.	1.1	18
80	Astaxanthin and withaferin A block paracrine cytokine interactions between UVB-exposed human keratinocytes and human melanocytes via the attenuation of endothelin-1 secretion and its downstream intracellular signaling. <i>Cytokine</i> , 2015, 73, 184-197.	1.4	18
81	Reevaluation of the Importance of Barrier Dysfunction in the Nonlesional Dry Skin of Atopic Dermatitis Patients through the Use of Two Barrier Creams. <i>Exogenous Dermatology</i> , 2004, 3, 293-302.	0.5	17
82	Epithelial-mesenchymal interaction mechanisms leading to the overexpression of neprilysin are involved in the UVB-induced formation of wrinkles in the skin. <i>Experimental Dermatology</i> , 2016, 25, 2-13.	1.4	17
83	Strawberry seed extract and its major component, tiliroside, promote ceramide synthesis in the stratum corneum of human epidermal equivalents. <i>PLoS ONE</i> , 2018, 13, e0205061.	1.1	17
84	Amelioration of lactic acid sensations in sensitive skin by stimulating the barrier function and improving the ceramide profile. <i>Archives of Dermatological Research</i> , 2018, 310, 495-504.	1.1	17
85	The Role of Elastases Secreted by Fibroblasts in Wrinkle Formation: Implication Through Selective Inhibition of Elastase Activity. <i>Photochemistry and Photobiology</i> , 2007, 74, 283-290.	1.3	16
86	Characterization of Melanogenesis in Normal Human Epidermal Melanocytes by Chemical and Ultrastructural Analysis. <i>Pigment Cell & Melanoma Research</i> , 1996, 9, 175-178.	4.0	15
87	Damage to Human Hair Caused by Repeated Bleaching Combined with Daily Weathering during Daily Life Activities. <i>Exogenous Dermatology</i> , 2004, 3, 273-281.	0.5	15
88	Cutting Edge of the Pathogenesis of Atopic Dermatitis: Sphingomyelin Deacylase, the Enzyme Involved in Its Ceramide Deficiency, Plays a Pivotal Role. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1613.	1.8	15
89	Allergic Contact Dermatitis Releases Soluble Factors That Stimulate Melanogenesis Through Activation of Protein Kinase C-Related Signal Transduction Pathway. <i>Journal of Investigative Dermatology</i> , 1992, 99, 482-488.	0.3	14
90	Purification and Characterization of an Allergy-induced Melanogenic Stimulating Factor in Brownish Guinea Pig Skin. <i>Journal of Biological Chemistry</i> , 1998, 273, 1605-1612.	1.6	11

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91	Recharacterization of the Nonlesional Dry Skin in Atopic Dermatitis through Disrupted Barrier Function. <i>Exogenous Dermatology</i> , 2004, 3, 282-292.	0.5	11
92	Characterization of hair lipid images by argon sputter etching-scanning electron microscopy. <i>Lipids</i> , 2006, 41, 197-205.	0.7	10
93	Withaferin A abolishes the stem cell factor-stimulated pigmentation of human epidermal equivalents by interrupting the auto-phosphorylation of c-KIT in human melanocytes. <i>Archives of Dermatological Research</i> , 2015, 307, 73-88.	1.1	10
94	The decreased secretion of hyaluronan by older human fibroblasts under physiological conditions is mainly associated with the down-regulated expression of hyaluronan synthases but not with the expression levels of hyaluronidases. <i>Cytotechnology</i> , 2015, 67, 609-620.	0.7	10
95	The Inhibitory Effects of Anti-Oxidants on Ultraviolet-Induced Up-Regulation of the Wrinkling-Inducing Enzyme Neutral Endopeptidase in Human Fibroblasts. <i>PLoS ONE</i> , 2016, 11, e0161580.	1.1	10
96	Mycosporine-like amino acids stimulate hyaluronan secretion by up-regulating hyaluronan synthase 2 via activation of the p38/MSK1/CREB/c-Fos/AP-1 axis. <i>Journal of Biological Chemistry</i> , 2020, 295, 7274-7288.	1.6	10
97	Efficacy of Using Pseudoceramide-containing Cream for the Treatment of Atopic Dry Skin in Comparison with Urea Cream.. <i>Nishinon Journal of Dermatology</i> , 2002, 64, 606-611.	0.0	10
98	Abrogating effect of N-linked carbohydrate modifiers on the stem cell factor and endothelin-1-stimulated epidermal pigmentation in human epidermal equivalents. <i>Journal of Dermatological Science</i> , 2013, 69, 215-228.	1.0	9
99	Bioactive Maleic Anhydrides and Related Diacids from the Aquatic Hyphomycete <i>Tricladium castaneicola</i> . <i>Journal of Natural Products</i> , 2015, 78, 639-644.	1.5	9
100	Possible eye-irritant test using polysaccharide-coated liposomes as a corneal epithelium model.. <i>Chemical and Pharmaceutical Bulletin</i> , 1987, 35, 2958-2965.	0.6	8
101	Analytical method to examine the effects of carbon dioxide lasers on skin: A study using wrinkles induced in hairless mice. <i>Lasers in Surgery and Medicine</i> , 2001, 28, 348-354.	1.1	8
102	The Attenuated Secretion of Hyaluronan by UVA-Exposed Human Fibroblasts Is Associated with Up- and Downregulation of HYBID and HAS2 Expression via Activated and Inactivated Signaling of the p38/ATF2 and JAK2/STAT3 Cascades. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2057.	1.8	8
103	Glucosamine abrogates the stem cell factor+endothelin-1-induced stimulation of melanogenesis via a deficiency in MITF expression due to the proteolytic degradation of CREB in human melanocytes. <i>Archives of Dermatological Research</i> , 2018, 310, 625-637.	1.1	7
104	Sphingomyelin Deacylase, the Enzyme Involved in the Pathogenesis of Atopic Dermatitis, Is Identical to the Î²-Subunit of Acid Ceramidase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8789.	1.8	7
105	Reduced glutathione disrupts the intracellular trafficking of tyrosinase and tyrosinase-related protein-1 but not dopachrome tautomerase and Pmel17 to melanosomes, which results in the attenuation of melanization. <i>Archives of Dermatological Research</i> , 2014, 306, 37-49.	1.1	6
106	The Xanthophyll Carotenoid Astaxanthin has Distinct Biological Effects to Prevent the Photoaging of the Skin Even by its Postirradiation Treatment. <i>Photochemistry and Photobiology</i> , 2019, 95, 490-500.	1.3	6
107	Intracellular Signaling Mechanisms Involved in the Biological Effects of the Xanthophyll Carotenoid Astaxanthin to Prevent the Photoaging of the Skin in a Reactive Oxygen Species Depletion-independent Manner: The Key Role of Mitogen and Stress-activated Protein Kinase 1. <i>Photochemistry and Photobiology</i> , 2019, 95, 480-489.	1.3	6
108	Î²-Sitosterol 3-O-D-glucoside increases ceramide levels in the stratum corneum via the up-regulated expression of ceramide synthase-3 and glucosylceramide synthase in a reconstructed human epidermal keratinization model. <i>PLoS ONE</i> , 2021, 16, e0248150.	1.1	6

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109	Paracrine cytokine mechanisms underlying the hyperpigmentation of seborrheic keratosis in covered skin areas. <i>Journal of Dermatology</i> , 2013, 40, 533-542.	0.6	5
110	Whitening effect of l-ascorbate-2-phosphate trisodium salt on solar lentigos. <i>Archives of Dermatological Research</i> , 2019, 311, 183-191.	1.1	5
111	Efficacy of Pseudoceramide-containing Detergent Formulation for Treatment of Atopic Dermatitis and Asteatotic Eczema.. <i>Nishinihon Journal of Dermatology</i> , 2002, 64, 612-620.	0.0	5
112	A novel method for visualizing hair lipids at the cell membrane complex: argon sputter etching/scanning electron microscopy. <i>Journal of Cosmetic Science</i> , 2005, 56, 297-309.	0.1	3
113	Arenarol isolated from a marine sponge abrogates endothelin-1-stimulated melanogenesis by interrupting MEK phosphorylation in normal human melanocytes. <i>Cytotechnology</i> , 2013, 65, 915-926.	0.7	2
114	Cytokines and Growth Factors. , 2010, , 269-282.		1
115	<i>Withania somnifera</i> Extract/Withaferin A as a Prospective Anti-pigmenting Agent. , 2017, , 121-146.		0
116	To be or not to be Photopigmented, that is the Question. <i>Photochemistry and Photobiology</i> , 2018, 94, 407-408.	1.3	0