

Andrzej Slominski

List of Publications by Year in descending order

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399
papers

28,991
citations

2795

94
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8138

148
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403
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403
docs citations

403
times ranked

15778
citing authors

#	ARTICLE	IF	CITATIONS
1	Melanin Pigmentation in Mammalian Skin and Its Hormonal Regulation. <i>Physiological Reviews</i> , 2004, 84, 1155-1228.	13.1	1,666
2	Corticotropin Releasing Hormone and Proopiomelanocortin Involvement in the Cutaneous Response to Stress. <i>Physiological Reviews</i> , 2000, 80, 979-1020.	13.1	715
3	Neuroendocrinology of the Skin ¹ . <i>Endocrine Reviews</i> , 2000, 21, 457-487.	8.9	561
4	Melatonin membrane receptors in peripheral tissues: Distribution and functions. <i>Molecular and Cellular Endocrinology</i> , 2012, 351, 152-166.	1.6	531
5	Introduction. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012, 212, 1-6.	1.0	446
6	Hair Follicle Pigmentation. <i>Journal of Investigative Dermatology</i> , 2005, 124, 13-21.	0.3	434
7	Neuroimmunology of Stress: Skin Takes Center Stage. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1697-1704.	0.3	373
8	L-tyrosine and L-dihydroxyphenylalanine as hormone-like regulators of melanocyte functions. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 14-27.	1.5	369
9	The cutaneous serotonergic/melatonergic system: securing a place under the sun. <i>FASEB Journal</i> , 2005, 19, 176-194.	0.2	341
10	Key Role of CRF in the Skin Stress Response System. <i>Endocrine Reviews</i> , 2013, 34, 827-884.	8.9	307
11	Steroidogenesis in the skin: Implications for local immune functions. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 137, 107-123.	1.2	305
12	How UV Light Touches the Brain and Endocrine System Through Skin, and Why. <i>Endocrinology</i> , 2018, 159, 1992-2007.	1.4	303
13	Cutaneous expression of corticotropin-releasing hormone (CRH), urocortin, and CRH receptors. <i>FASEB Journal</i> , 2001, 15, 1678-1693.	0.2	291
14	Production and release of proopiomelanocortin (POMC) derived peptides by human melanocytes and keratinocytes in culture: regulation by ultraviolet B. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1313, 130-138.	1.9	290
15	Melatonin in the skin: synthesis, metabolism and functions. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 17-24.	3.1	255
16	<i>In vivo</i> evidence for a novel pathway of vitamin D ₃ metabolism initiated by P450 _{sc} c and modified by CYP27B1. <i>FASEB Journal</i> , 2012, 26, 3901-3915.	0.2	250
17	Serotonergic and melatonergic systems are fully expressed in human skin. <i>FASEB Journal</i> , 2002, 16, 896-898.	0.2	246
18	Sensing the Environment: Regulation of Local and Global Homeostasis by the Skin's Neuroendocrine System. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012, , .	1.0	244

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19	Differential expression of HPA axis homolog in the skin. <i>Molecular and Cellular Endocrinology</i> , 2007, 265-266, 143-149.	1.6	243
20	Novel activities of CYP11A1 and their potential physiological significance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 151, 25-37.	1.2	235
21	ROR α and ROR γ are expressed in human skin and serve as receptors for endogenously produced noncalcemic 20 α -hydroxy- and 20,23 α -dihydroxyvitamin D. <i>FASEB Journal</i> , 2014, 28, 2775-2789.	0.2	232
22	Cutaneous hypothalamic-pituitary-adrenal axis homolog: regulation by ultraviolet radiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E484-E493.	1.8	221
23	A novel pathway for sequential transformation of 7-dehydrocholesterol and expression of the P450scc system in mammalian skin. <i>FEBS Journal</i> , 2004, 271, 4178-4188.	0.2	219
24	Melatonin: A Cutaneous Perspective on its Production, Metabolism, and Functions. <i>Journal of Investigative Dermatology</i> , 2018, 138, 490-499.	0.3	217
25	On the Role of Melatonin in Skin Physiology and Pathology. <i>Endocrine</i> , 2005, 27, 137-148.	2.2	211
26	Melanogenesis Is Coupled to Murine Anagen: Toward New Concepts for the Role of Melanocytes and the Regulation of Melanogenesis in Hair Growth.. <i>Journal of Investigative Dermatology</i> , 1993, 101, 90S-97S.	0.3	206
27	Detection of novel CYP11A1-derived secosteroids in the human epidermis and serum and pig adrenal gland. <i>Scientific Reports</i> , 2015, 5, 14875.	1.6	201
28	Functional activity of serotonergic and melatonergic systems expressed in the skin. <i>Journal of Cellular Physiology</i> , 2003, 196, 144-153.	2.0	197
29	CRH stimulation of corticosteroids production in melanocytes is mediated by ACTH. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E701-E706.	1.8	197
30	Current concepts of metastasis in melanoma. <i>Expert Review of Dermatology</i> , 2008, 3, 569-585.	0.3	196
31	Melanogenesis During the Anagen-Catagen-Telogen Transformation of the Murine Hair Cycle. <i>Journal of Investigative Dermatology</i> , 1994, 102, 862-869.	0.3	190
32	Alternative splicing of CRH α 1 receptors in human and mouse skin: identification of new variants and their differential expression. <i>FASEB Journal</i> , 2001, 15, 1-24.	0.2	171
33	Differential Expression of a Cutaneous Corticotropin-Releasing Hormone System. <i>Endocrinology</i> , 2004, 145, 941-950.	1.4	171
34	Melanin content in melanoma metastases affects the outcome of radiotherapy. <i>Oncotarget</i> , 2016, 7, 17844-17853.	0.8	170
35	Inhibitors of melanogenesis increase toxicity of cyclophosphamide and lymphocytes against melanoma cells. <i>International Journal of Cancer</i> , 2009, 124, 1470-1477.	2.3	169
36	Melanogenesis is coupled to murine anagen: Toward new concepts for the role of melanocytes and the regulation of melanogenesis in hair growth. <i>Journal of Investigative Dermatology</i> , 1993, 101, S90-S97.	0.3	167

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37	Mast Cell Involvement in Murine Hair Growth. <i>Developmental Biology</i> , 1994, 163, 230-240.	0.9	158
38	The role of melanin pigment in melanoma. <i>Experimental Dermatology</i> , 2015, 24, 258-259.	1.4	157
39	Melanocytes as "Sensory" and Regulatory Cells in the Epidermis. <i>Journal of Theoretical Biology</i> , 1993, 164, 103-120.	0.8	156
40	Proopiomelanocortin (POMC), the ACTH/ melanocortin precursor, is secreted by human epidermal keratinocytes and melanocytes and stimulates melanogenesis. <i>FASEB Journal</i> , 2007, 21, 1844-1856.	0.2	153
41	Melatonin as a major skin protectant: from free radical scavenging to DNA damage repair. <i>Experimental Dermatology</i> , 2008, 17, 713-730.	1.4	151
42	The serum vitamin D metabolome: What we know and what is still to discover. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 4-21.	1.2	150
43	Conversion of L-tryptophan to serotonin and melatonin in human melanoma cells. <i>FEBS Letters</i> , 2002, 511, 102-106.	1.3	148
44	Constitutive and UV-induced metabolism of melatonin in keratinocytes and cell-free systems. <i>FASEB Journal</i> , 2006, 20, 1564-1566.	0.2	147
45	Expression of Hypothalamic-Pituitary-Thyroid Axis Related Genes in the Human Skin. <i>Journal of Investigative Dermatology</i> , 2002, 119, 1449-1455.	0.3	145
46	Melanogenesis affects overall and disease-free survival in patients with stage III and IV melanoma. <i>Human Pathology</i> , 2013, 44, 2071-2074.	1.1	145
47	The cytochrome P450 _{sc} system opens an alternate pathway of vitamin D ₃ metabolism. <i>FEBS Journal</i> , 2005, 272, 4080-4090.	2.2	142
48	Differential Expression and Activity of Melanogenesis-Related Proteins During Induced Hair Growth in Mice. <i>Journal of Investigative Dermatology</i> , 1991, 96, 172-179.	0.3	141
49	Corticotropin releasing hormone and the skin. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2230.	3.0	141
50	On the role of skin in the regulation of local and systemic steroidogenic activities. <i>Steroids</i> , 2015, 103, 72-88.	0.8	141
51	The role of CYP11A1 in the production of vitamin D metabolites and their role in the regulation of epidermal functions. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 28-39.	1.2	136
52	CRH stimulates POMC activity and corticosterone production in dermal fibroblasts. <i>Journal of Neuroimmunology</i> , 2005, 162, 97-102.	1.1	135
53	Products of Vitamin D ₃ or 7-Dehydrocholesterol Metabolism by Cytochrome P450 _{sc} Show Anti-Leukemia Effects, Having Low or Absent Calcemic Activity. <i>PLoS ONE</i> , 2010, 5, e9907.	1.1	135
54	Cutaneous Expression of CRH and CRH-R: Is There a "Skin Stress Response System"? <i>Annals of the New York Academy of Sciences</i> , 1999, 885, 287-311.	1.8	132

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55	On the potential role of proopiomelanocortin in skin physiology and pathology. <i>Molecular and Cellular Endocrinology</i> , 1993, 93, C1-C6.	1.6	131
56	Molecular diagnostics in melanoma. <i>Journal of the American Academy of Dermatology</i> , 2005, 52, 743-775.	0.6	131
57	Melatonin, mitochondria, and the skin. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3913-3925.	2.4	131
58	Animals under the sun: effects of ultraviolet radiation on mammalian skin. <i>Clinics in Dermatology</i> , 1998, 16, 503-515.	0.8	128
59	Melatonin Inhibits Proliferation and Melanogenesis in Rodent Melanoma Cells. <i>Experimental Cell Research</i> , 1993, 206, 189-194.	1.2	125
60	Melanocytic Proliferations Associated With Lichen Sclerosus. <i>Archives of Dermatology</i> , 2002, 138, 77-87.	1.7	125
61	Role of the steroidogenic acute regulatory protein in health and disease. <i>Endocrine</i> , 2016, 51, 7-21.	1.1	124
62	Melatonin and its metabolites protect human melanocytes against UVB-induced damage: Involvement of NRF2-mediated pathways. <i>Scientific Reports</i> , 2017, 7, 1274.	1.6	124
63	Thyroid Hormones Directly Alter Human Hair Follicle Functions: Anagen Prolongation and Stimulation of Both Hair Matrix Keratinocyte Proliferation and Hair Pigmentation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4381-4388.	1.8	123
64	Neuroendocrine System of the Skin. <i>Dermatology</i> , 2005, 211, 199-208.	0.9	122
65	Local Melatonergic System as the Protector of Skin Integrity. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17705-17732.	1.8	122
66	Metabolism of Serotonin to N-Acetylserotonin, Melatonin, and 5-Methoxytryptamine in Hamster Skin Culture. <i>Journal of Biological Chemistry</i> , 1996, 271, 12281-12286.	1.6	119
67	20-Hydroxycholecalciferol, Product of Vitamin D3 Hydroxylation by P450 _{scc} , Decreases NF- κ B Activity by Increasing I κ B α Levels in Human Keratinocytes. <i>PLoS ONE</i> , 2009, 4, e5988.	1.1	119
68	Metabolism of melatonin and biological activity of intermediates of melatonergic pathway in human skin cells. <i>FASEB Journal</i> , 2013, 27, 2742-2755.	0.2	118
69	Endogenously produced nonclassical vitamin D hydroxy-metabolites act as biased agonists on VDR and inverse agonists on ROR α 1 and ROR α 3. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 42-56.	1.2	117
70	Preservation of Eumelanin Hair Pigmentation in Proopiomelanocortin-Deficient Mice on a Nonagouti (a/a) Genetic Background. <i>Endocrinology</i> , 2005, 146, 1245-1253.	1.4	115
71	Inhibition of melanogenesis as a radiation sensitizer for melanoma therapy. <i>International Journal of Cancer</i> , 2008, 123, 1448-1456.	2.3	113
72	Melanoma Resistance: A Bright Future for Academicians and a Challenge for Patient Advocates. <i>Mayo Clinic Proceedings</i> , 2014, 89, 429-433.	1.4	113

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73	Photoprotective Properties of Vitamin D and Lumisterol Hydroxyderivatives. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 165-180.	0.9	113
74	POTENTIAL MECHANISM OF SKIN RESPONSE TO STRESS. <i>International Journal of Dermatology</i> , 1996, 35, 849-851.	0.5	112
75	Neuroendocrine activity of the melanocyte. <i>Experimental Dermatology</i> , 2009, 18, 760-763.	1.4	112
76	20-Hydroxyvitamin D ₃ , a Product of Vitamin D ₃ Hydroxylation by Cytochrome P450 _{scc} , Stimulates Keratinocyte Differentiation. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2271-2280.	0.3	111
77	Melatonin and the hair follicle. <i>Journal of Pineal Research</i> , 2008, 44, 1-15.	3.4	110
78	Expression of vitamin D receptor decreases during progression of pigmented skin lesions. <i>Human Pathology</i> , 2011, 42, 618-631.	1.1	110
79	Ultraviolet B and Melanocyte-Stimulating Hormone (MSH) Stimulate mRNA Production for α -MSH Receptors and Proopiomelanocortin-Derived Peptides in Mouse Melanoma Cells and Transformed Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1995, 105, 655-659.	0.3	109
80	Characterization of Corticotropin-Releasing Hormone (CRH) in Human Skin ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1020-1024.	1.8	109
81	Pathways and products for the metabolism of vitamin D ₃ by cytochrome P450 _{scc} . <i>FEBS Journal</i> , 2008, 275, 2585-2596.	2.2	109
82	Malignant Melanoma. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 1295-1306.	1.2	109
83	Mechanism of UV-related carcinogenesis and its contribution to nevi/melanoma. <i>Expert Review of Dermatology</i> , 2007, 2, 451-469.	0.3	108
84	20-Hydroxyvitamin D ₂ is a noncalcemic analog of vitamin D with potent antiproliferative and prodifferentiation activities in normal and malignant cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C526-C541.	2.1	108
85	The skin as a mirror of the soul: exploring the possible roles of serotonin. <i>Experimental Dermatology</i> , 2008, 17, 301-311.	1.4	106
86	Vitamin D signaling and melanoma: role of vitamin D and its receptors in melanoma progression and management. <i>Laboratory Investigation</i> , 2017, 97, 706-724.	1.7	105
87	Protective effects of novel derivatives of vitamin D ₃ and lumisterol against UVB-induced damage in human keratinocytes involve activation of Nrf2 and p53 defense mechanisms. <i>Redox Biology</i> , 2019, 24, 101206.	3.9	105
88	Cutaneous Immunomodulation and Coordination of Skin Stress Responses by α -Melanocyte-Stimulating Hormone. <i>Annals of the New York Academy of Sciences</i> , 1998, 840, 381-394.	1.8	104
89	Skin as an endocrine organ: implications for its function. <i>Drug Discovery Today Disease Mechanisms</i> , 2008, 5, e137-e144.	0.8	103
90	Ultraviolet radiation regulates cortisol activity in a waveband-dependent manner in human skin <i>in vivo</i> . <i>British Journal of Dermatology</i> , 2013, 168, 595-601.	1.4	103

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91	The Fate of Hair Follicle Melanocytes During the Hair Growth Cycle. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999, 4, 323-332.	0.8	99
92	Melanoma, Melanin, and Melanogenesis: The Yin and Yang Relationship. <i>Frontiers in Oncology</i> , 2022, 12, 842496.	1.3	99
93	UVB Activates Hypothalamicâ€Pituitaryâ€Adrenal Axis in C57BL/6 Mice. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1638-1648.	0.3	98
94	Differential and Overlapping Effects of 20,23(OH)2D3 and 1,25(OH)2D3 on Gene Expression in Human Epidermal Keratinocytes: Identification of AhR as an Alternative Receptor for 20,23(OH)2D3. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3072.	1.8	98
95	20,23â€dihydroxyvitamin D3, novel P450scc product, stimulates differentiation and inhibits proliferation and NFâ€B activity in human keratinocytes. <i>Journal of Cellular Physiology</i> , 2010, 223, 36-48.	2.0	96
96	Molecular and functional characterization of novel CRFR1 isoforms from the skin. <i>FEBS Journal</i> , 2004, 271, 2821-2830.	0.2	93
97	Extra-adrenal glucocorticoid biosynthesis: implications for autoimmune and inflammatory disorders. <i>Genes and Immunity</i> , 2020, 21, 150-168.	2.2	93
98	Metabolism of melatonin in the skin: Why is it important?. <i>Experimental Dermatology</i> , 2017, 26, 563-568.	1.4	91
99	A Novel Metabolic Pathway of Melatonin:â€% Oxidation by Cytochrome c. <i>Biochemistry</i> , 2005, 44, 9300-9307.	1.2	90
100	An alternative pathway of vitamin D2 metabolism. <i>FEBS Journal</i> , 2006, 273, 2891-2901.	2.2	90
101	In vivo production of novel vitamin D2 hydroxy-derivatives by human placentas, epidermal keratinocytes, Caco-2 colon cells and the adrenal gland. <i>Molecular and Cellular Endocrinology</i> , 2014, 383, 181-192.	1.6	88
102	Melatonin and its metabolites accumulate in the human epidermis in vivo and inhibit proliferation and tyrosinase activity in epidermal melanocytes in vitro. <i>Molecular and Cellular Endocrinology</i> , 2015, 404, 1-8.	1.6	86
103	A nervous breakdown in the skin: stress and the epidermal barrier. <i>Journal of Clinical Investigation</i> , 2007, 117, 3166-3169.	3.9	85
104	Sequential Metabolism of 7-Dehydrocholesterol to Steroidal 5,7-Dienes in Adrenal Glands and Its Biological Implication in the Skin. <i>PLoS ONE</i> , 2009, 4, e4309.	1.1	84
105	Melanocytic Matricoma: A Report of Two Cases of a New Entity. <i>American Journal of Dermatopathology</i> , 1999, 21, 344-349.	0.3	83
106	Human Female Hair Follicles Are a Direct, Nonclassical Target for Thyroid-Stimulating Hormone. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1126-1139.	0.3	82
107	Characterization of the serotonergic system in the C57BL/6 mouse skin. <i>FEBS Journal</i> , 2003, 270, 3335-3344.	0.2	81
108	Production of 22-Hydroxy Metabolites of Vitamin D3 by Cytochrome P450scc (CYP11A1) and Analysis of Their Biological Activities on Skin Cells. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1577-1588.	1.7	80

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109	Stress-linked cortisol concentrations in hair: what we know and what we need to know. <i>Reviews in the Neurosciences</i> , 2012, 23, 111-121.	1.4	79
110	L-Tyrosine, L-DOPA, and Tyrosinase as Positive Regulators of the Subcellular Apparatus of Melanogenesis in Bomirski Ab Amelanotic Melanoma Cells. <i>Pigment Cell & Melanoma Research</i> , 1989, 2, 109-116.	4.0	78
111	Cytochromes P450 and Skin Cancer: Role of Local Endocrine Pathways. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 77-96.	0.9	78
112	Ultraviolet B stimulates production of corticotropin releasing factor (CRF) by human melanocytes. <i>FEBS Letters</i> , 1996, 399, 175-176.	1.3	77
113	UV Light and MSH Receptors. <i>Annals of the New York Academy of Sciences</i> , 1999, 885, 100-116.	1.8	77
114	Role of TRPM in melanocytes and melanoma. <i>Experimental Dermatology</i> , 2012, 21, 650-654.	1.4	77
115	Melatonin and its derivatives counteract the ultraviolet B radiation-induced damage in human and porcine skin ex vivo. <i>Journal of Pineal Research</i> , 2018, 65, e12501.	3.4	77
116	Metabolism of melatonin by cytochrome P450s in rat liver mitochondria and microsomes. <i>Journal of Pineal Research</i> , 2008, 45, 515-523.	3.4	76
117	Regulated Proenkephalin Expression in Human Skin and Cultured Skin Cells. <i>Journal of Investigative Dermatology</i> , 2011, 131, 613-622.	0.3	76
118	20 <i>S</i> -Hydroxyvitamin D ₃ , Noncalcemic Product of CYP11A1 Action on Vitamin D ₃ , Exhibits Potent Antifibrogenic Activity in Vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E298-E303.	1.8	76
119	On the role of classical and novel forms of vitamin D in melanoma progression and management. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 159-170.	1.2	75
120	Neuroendocrine Aspects of Skin Aging. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2798.	1.8	75
121	The Skin Produces Urocortin1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 815-823.	1.8	74
122	Cytochrome P450 _{scc} -dependent metabolism of 7-dehydrocholesterol in placenta and epidermal keratinocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 2003-2018.	1.2	74
123	Expression of the vitamin D-activating enzyme 1 α -hydroxylase (CYP27B1) decreases during melanoma progression. <i>Human Pathology</i> , 2013, 44, 374-387.	1.1	73
124	Reversing wrinkled skin and hair loss in mice by restoring mitochondrial function. <i>Cell Death and Disease</i> , 2018, 9, 735.	2.7	72
125	Retinoic acid-related orphan receptor $\hat{1}^3$ (ROR $\hat{1}^3$): Connecting sterol metabolism to regulation of the immune system and autoimmune disease. <i>Current Opinion in Toxicology</i> , 2018, 8, 66-80.	2.6	70
126	Inhibition of melanoma metastases by fenofibrate. <i>Archives of Dermatological Research</i> , 2004, 296, 54-58.	1.1	69

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127	Regulation of Melanogenesis in Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1988, 1, 79-87.	4.0	68
128	Novel non-calcemic secosteroids that are produced by human epidermal keratinocytes protect against solar radiation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 52-63.	1.2	68
129	Production of POMC, CRH-R1, MC1, and MC2 Receptor mRNA and Expression of Tyrosinase Gene in Relation to Hair Cycle and Dexamethasone Treatment in the C57BL/6 Mouse Skin. <i>Journal of Investigative Dermatology</i> , 1997, 108, 160-165.	0.3	67
130	Tryptophan hydroxylase expression in human skin cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1639, 80-86.	1.8	67
131	Enzymatic Metabolism of Ergosterol by Cytochrome P450 _{scc} to Biologically Active 17 β ,24-Dihydroxyergosterol. <i>Chemistry and Biology</i> , 2005, 12, 931-939.	6.2	67
132	Decreased VDR expression in cutaneous melanomas as marker of tumor progression: new data and analyses. <i>Anticancer Research</i> , 2014, 34, 2735-43.	0.5	67
133	Are L-tyrosine and L-dopa hormone-like bioregulators?. <i>Journal of Theoretical Biology</i> , 1990, 143, 123-138.	0.8	66
134	Cultured Human Dermal Fibroblasts do Produce Cortisol. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1177-1178.	0.3	66
135	PLEIOTROPIC EFFECTS OF CORTICOTROPIN RELEASING HORMONE ON NORMAL HUMAN SKIN KERATINOCYTES. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001, 37, 50.	0.7	65
136	Serotonergic System in Hamster Skin. <i>Journal of Investigative Dermatology</i> , 2002, 119, 934-942.	0.3	65
137	Corticotropin-releasing hormone induces keratinocyte differentiation in the adult human epidermis. <i>Journal of Cellular Physiology</i> , 2005, 203, 118-126.	2.0	65
138	Correlation between secosteroid-induced vitamin D receptor activity in melanoma cells and computer-modeled receptor binding strength. <i>Molecular and Cellular Endocrinology</i> , 2012, 361, 143-152.	1.6	65
139	Cutaneous glucocorticosteroidogenesis: securing local homeostasis and the skin integrity. <i>Experimental Dermatology</i> , 2014, 23, 369-374.	1.4	65
140	Expression of proopiomelanocortin (POMC)-derived melanocyte-stimulating hormone (MSH) and adrenocorticotrophic hormone (ACTH) peptides in skin of basal cell carcinoma patients. <i>Human Pathology</i> , 1999, 30, 208-215.	1.1	64
141	Phenylmethimazole Decreases Toll-Like Receptor 3 and Noncanonical Wnt5a Expression in Pancreatic Cancer and Melanoma Together with Tumor Cell Growth and Migration. <i>Clinical Cancer Research</i> , 2009, 15, 4114-4122.	3.2	64
142	Nrf2 in keratinocytes modulates UVB-induced DNA damage and apoptosis in melanocytes through MAPK signaling. <i>Free Radical Biology and Medicine</i> , 2017, 108, 918-928.	1.3	64
143	Characterization of a new pathway that activates lumisterol in vivo to biologically active hydroxylumisterols. <i>Scientific Reports</i> , 2017, 7, 11434.	1.6	64
144	Corticotropin-releasing hormone stimulates NF-kappaB in human epidermal keratinocytes. <i>Journal of Endocrinology</i> , 2004, 181, R1-R7.	1.2	63

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145	The Skin POMC System (SPS): Leads and Lessons from the Hair Follicle. <i>Annals of the New York Academy of Sciences</i> , 1999, 885, 350-363.	1.8	63
146	Novel vitamin D hydroxyderivatives inhibit melanoma growth and show differential effects on normal melanocytes. <i>Anticancer Research</i> , 2012, 32, 3733-42.	0.5	63
147	Skin Exposure to Ultraviolet B Rapidly Activates Systemic Neuroendocrine and Immunosuppressive Responses. <i>Photochemistry and Photobiology</i> , 2017, 93, 1008-1015.	1.3	62
148	Murine skin as a target for melatonin bioregulation. <i>Experimental Dermatology</i> , 1994, 3, 45-50.	1.4	61
149	Chemical synthesis of 20S-hydroxyvitamin D ₃ , which shows antiproliferative activity. <i>Steroids</i> , 2010, 75, 926-935.	0.8	61
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