

Radomir M Slominski

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,538
citations

361045

20
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

3160
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin membrane receptors in peripheral tissues: Distribution and functions. <i>Molecular and Cellular Endocrinology</i> , 2012, 351, 152-166.	1.6	531
2	Introduction. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012, 212, 1-6.	1.0	446
3	Melatonin: A Cutaneous Perspective on its Production, Metabolism, and Functions. <i>Journal of Investigative Dermatology</i> , 2018, 138, 490-499.	0.3	217
4	On the Role of Melatonin in Skin Physiology and Pathology. <i>Endocrine</i> , 2005, 27, 137-148.	2.2	211
5	Melatonin, mitochondria, and the skin. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3913-3925.	2.4	131
6	Local Melatonergic System as the Protector of Skin Integrity. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17705-17732.	1.8	122
7	Photoprotective Properties of Vitamin D and Lumisterol Hydroxyderivatives. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 165-180.	0.9	113
8	Extra-adrenal glucocorticoid biosynthesis: implications for autoimmune and inflammatory disorders. <i>Genes and Immunity</i> , 2020, 21, 150-168.	2.2	93
9	Neuroendocrine Aspects of Skin Aging. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2798.	1.8	75
10	Vitamin D and lumisterol derivatives can act on liver X receptors (LXRs). <i>Scientific Reports</i> , 2021, 11, 8002.	1.6	60
11	COVID-19 and Vitamin D: A lesson from the skin. <i>Experimental Dermatology</i> , 2020, 29, 885-890.	1.4	53
12	Protective Role of Melatonin and Its Metabolites in Skin Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1238.	1.8	50
13	Methodological Considerations for Hair Cortisol Measurements in Children. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 812-820.	1.0	46
14	The Impact of Vitamin D on Skin Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9097.	1.8	46
15	Current Molecular Markers of Melanoma and Treatment Targets. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3535.	1.8	45
16	Blunted epidermal L-tryptophan metabolism in vitiligo affects immune response and ROS scavenging by Fenton chemistry, part 1: epidermal H ₂ O ₂ /ONOO ⁻ -mediated stress abrogates tryptophan hydroxylase and dopa decarboxylase activities, leading to low serotonin and melatonin levels. <i>FASEB Journal</i> , 2012, 26, 2457-2470.	0.2	41
17	Vitamin D and lumisterol novel metabolites can inhibit SARS-CoV-2 replication machinery enzymes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E246-E251.	1.8	38
18	The Role of Classical and Novel Forms of Vitamin D in the Pathogenesis and Progression of Nonmelanoma Skin Cancers. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1268, 257-283.	0.8	38

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19	Metabolic activation of tachysterol ³ to biologically active hydroxyderivatives that act on <i>VDR</i> , <i>AhR</i> , <i>LXRs</i> and <i>PPARγ</i> receptors. <i>FASEB Journal</i> , 2022, 36, .	0.2	29
20	Revisiting the role of melatonin in human melanocyte physiology: A skin context perspective. <i>Journal of Pineal Research</i> , 2022, 72, .	3.4	24
21	Immunological Aspects of Skin Aging in Atopic Dermatitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5729.	1.8	20
22	Reply to Jakovac and to Rocha et al.: Can vitamin D prevent or manage COVID-19 illness?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E455-E457.	1.8	18
23	Molecular and structural basis of interactions of vitamin D ₃ hydroxyderivatives with aryl hydrocarbon receptor (AhR): An integrated experimental and computational study. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1111-1123.	3.6	17
24	Vitamin D ₃ and its hydroxyderivatives as promising drugs against COVID-19: a computational study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 11594-11610.	2.0	16
25	CYP11A1-derived vitamin D hydroxyderivatives as candidates for therapy of basal and squamous cell carcinomas. <i>International Journal of Oncology</i> , 2022, 61, .	1.4	16
26	Chemical synthesis, biological activities and action on nuclear receptors of 20S(OH)D ₃ , 20S,25(OH)2D ₃ , 20S,23S(OH)2D ₃ and 20S,23R(OH)2D ₃ . <i>Bioorganic Chemistry</i> , 2022, 121, 105660.	2.0	10
27	Comprehensive molecular profiling of UV-induced metastatic melanoma in Nme1/Nme2-deficient mice reveals novel markers of survival in human patients. <i>Oncogene</i> , 2021, 40, 6329-6342.	2.6	8
28	Pathogenesis of psoriasis in the œomic era. Part IV. Epidemiology, genetics, immunopathogenesis, clinical manifestation and treatment of psoriatic arthritis. <i>Postepy Dermatologii I Alergologii</i> , 2020, 37, 625-634.	0.4	8
29	UVB stimulates production of enkephalins and other neuropeptides by skin-resident cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
30	Differential and Overlapping Effects of Melatonin and Its Metabolites on Keratinocyte Function: Bioinformatics and Metabolic Analyses. <i>Antioxidants</i> , 2021, 10, 618.	2.2	5
31	Disturbed expression of vitamin D and retinoic acid-related orphan receptors $\hat{\pm}$ and $\hat{3}$ and of megalin in inflammatory skin diseases. <i>Experimental Dermatology</i> , 2022, 31, 781-788.	1.4	5
32	Ex vivo culture of mouse skin activates an interleukin 1 alpha-dependent inflammatory response. <i>Experimental Dermatology</i> , 2020, 29, 102-106.	1.4	1