

Michal A Zmijewski

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8237343/michal-a-zmijewski-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

97
papers

5,126
citations

40
h-index

71
g-index

103
ext. papers

6,035
ext. citations

4.2
avg, IF

5.74
L-index

#	Paper	IF	Citations
97	Mitochondrial potassium channels: A novel calcitriol target.. <i>Cellular and Molecular Biology Letters</i> , 2022 , 27, 3	8.1	1
96	Diet, Sun, Physical Activity and Vitamin D Status in Children with Inflammatory Bowel Disease.. <i>Nutrients</i> , 2022 , 14,	6.7	1
95	The Effects of Vitamin D on the Expression of IL-33 and Its Receptor ST2 in Skin Cells; Potential Implication for Psoriasis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
94	Mitochondrial function is controlled by melatonin and its metabolites in vitro in human melanoma cells. <i>Journal of Pineal Research</i> , 2021 , 70, e12728	10.4	5
93	Modulation of dermal equivalent of hypothalamus-pituitary-adrenal axis in mastocytosis. <i>Postepy Dermatologii I Alergologii</i> , 2021 , 38, 461-472	1.5	0
92	Discovery of novel 3-hydroxyandrost-5,7-Diene-17-Carboxylic acid derivatives as anti-inflammatory bowel diseases (IBD) agents. <i>European Journal of Medicinal Chemistry</i> , 2021 , 220, 113468	6.8	2
91	Vitamin D Enhances Anticancer Properties of Cediranib, a VEGFR Inhibitor, by Modulation of VEGFR2 Expression in Melanoma Cells.. <i>Frontiers in Oncology</i> , 2021 , 11, 763895	5.3	1
90	Photoprotective Properties of Vitamin D and Lumisterol Hydroxyderivatives. <i>Cell Biochemistry and Biophysics</i> , 2020 , 78, 165-180	3.2	53
89	Pathogenesis of psoriasis in the "omic" era. Part IV. Epidemiology, genetics, immunopathogenesis, clinical manifestation and treatment of psoriatic arthritis. <i>Postepy Dermatologii I Alergologii</i> , 2020 , 37, 625-634	1.5	6
88	Antiproliferative activity of side-chain truncated vitamin D analogs (PRI-1203 and PRI-1204) against human malignant melanoma cell lines. <i>European Journal of Pharmacology</i> , 2020 , 881, 173170	5.3	1
87	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	3.6	15
86	Vitamin D receptor(s): In the nucleus but also at membranes?. <i>Experimental Dermatology</i> , 2020 , 29, 876-884	4.8	23
85	Ultra-Marathon-Induced Increase in Serum Levels of Vitamin D Metabolites: A Double-Blind Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	9
84	Vitamin D and its analogs as anticancer and anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2020 , 207, 112738	6.8	18
83	Vitamin D and its low calcemic analogs modulate the anticancer properties of cisplatin and dacarbazine in the human melanoma A375 cell line. <i>International Journal of Oncology</i> , 2019 , 54, 1481-1495	4.4	7
82	Targeting melanocortin receptor type 1 with small peptides. <i>British Journal of Dermatology</i> , 2019 , 181, 17-18	4	2
81	2-Methoxyestradiol and Its Combination with a Natural Compound, Ferulic Acid, Induces Melanoma Cell Death via Downregulation of Hsp60 and Hsp90. <i>Journal of Oncology</i> , 2019 , 2019, 9293416	4.5	2

80	How UV Light Touches the Brain and Endocrine System Through Skin, and Why. <i>Endocrinology</i> , 2018 , 159, 1992-2007	4.8	185
79	Melatonin: A Cutaneous Perspective on its Production, Metabolism, and Functions. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 490-499	4.3	119
78	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	5.1	54
77	Transplantable Melanomas in Hamsters and Gerbils as Models for Human Melanoma. Sensitization in Melanoma Radiotherapy-From Animal Models to Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	28
76	Differential and Overlapping Effects of 20,23(OH)D ₃ and 1,25(OH)D ₃ on Gene Expression in Human Epidermal Keratinocytes: Identification of AhR as an Alternative Receptor for 20,23(OH)D ₃ . <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	56
75	Antiproliferative Activity of Non-Calcemic Vitamin D Analogs on Human Melanoma Lines in Relation to VDR and PDIA3 Receptors. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	15
74	Differentiation of Keratinocytes Modulates Skin HPA Analog. <i>Journal of Cellular Physiology</i> , 2017 , 232, 154-66	7	18
73	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	5.9	76
72	Glucocorticoids Inhibit Wound Healing: Novel Mechanism of Action. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1012-1014	4.3	20
71	Melatonin, mitochondria, and the skin. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3913-3925	10.3	82
70	Neuronal Nitric Oxide Synthase-Mediated Genotoxicity of 2-Methoxyestradiol in Hippocampal HT22 Cell Line. <i>Molecular Neurobiology</i> , 2016 , 53, 5030-40	6.2	5
69	Bioactive forms of vitamin D selectively stimulate the skin analog of the hypothalamus-pituitary-adrenal axis in human epidermal keratinocytes. <i>Molecular and Cellular Endocrinology</i> , 2016 , 437, 312-322	4.4	12
68	ROR β s not a receptor for melatonin (response to DOI 10.1002/bies.201600018). <i>BioEssays</i> , 2016 , 38, 1193-1194	4.1	33
67	Vitamin D in the skin physiology and pathology. <i>Acta Biochimica Polonica</i> , 2016 , 63, 17-29	2	43
66	Antiproliferative Activity of Double Point Modified Analogs of 1,25-Dihydroxyvitamin D ₃ Against Human Malignant Melanoma Cell Lines. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	20
65	Assessment of Interleukin 16 Serum Levels and Skin Expression in Psoriasis Patients in Correlation with Clinical Severity of the Disease. <i>PLoS ONE</i> , 2016 , 11, e0165577	3.7	8
64	Vitamin D derivatives enhance cytotoxic effects of H ₂ O ₂ or cisplatin on human keratinocytes. <i>Steroids</i> , 2016 , 110, 49-61	2.8	29
63	Growth Inhibition of Osteosarcoma Cell Lines in 3D Cultures: Role of Nitrosative and Oxidative Stress. <i>Anticancer Research</i> , 2016 , 36, 221-9	2.3	6

62	Antitumor effects of vitamin D analogs on hamster and mouse melanoma cell lines in relation to melanin pigmentation. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 6645-67	6.3	29
61	A Proposed Molecular Mechanism of High-Dose Vitamin D3 Supplementation in Prevention and Treatment of Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 13043-64	6.3	15
60	Differential antitumor effects of vitamin D analogues on colorectal carcinoma in culture. <i>International Journal of Oncology</i> , 2015 , 47, 1084-96	4.4	33
59	DNA strand breaks induced by nuclear hijacking of neuronal NOS as an anti-cancer effect of 2-methoxyestradiol. <i>Oncotarget</i> , 2015 , 6, 15449-63	3.3	14
58	Widespread vitamin D deficiency among adults from northern Poland (54°N) after months of low and high natural UVB radiation. <i>Endokrynologia Polska</i> , 2015 , 66, 30-8	1.1	8
57	Local melatoninergic system as the protector of skin integrity. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 17705-32	6.3	94
56	Neuronal nitric oxide synthase induction in the antitumorigenic and neurotoxic effects of 2-methoxyestradiol. <i>Molecules</i> , 2014 , 19, 13267-81	4.8	11
55	Cytochromes p450 and skin cancer: role of local endocrine pathways. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 77-96	2.2	70
54	Does the aberrant expression of CD2 and CD25 by skin mast cells truly correlate with systemic involvement in patients presenting with mastocytosis in the skin?. <i>International Archives of Allergy and Immunology</i> , 2014 , 165, 104-10	3.7	10
53	The renaissance of vitamin D.. <i>Acta Biochimica Polonica</i> , 2014 , 61,	2	26
52	Vitamin D deficiency during winter months among an adult, predominantly urban, population in Northern Poland. <i>Endokrynologia Polska</i> , 2014 , 65, 105-13	1.1	23
51	The renaissance of vitamin D. <i>Acta Biochimica Polonica</i> , 2014 , 61, 679-86	2	22
50	Key role of CRF in the skin stress response system. <i>Endocrine Reviews</i> , 2013 , 34, 827-84	27.2	249
49	Steroidogenesis in the skin: implications for local immune functions. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 137, 107-23	5.1	228
48	Is Mc1r an important regulator of non-pigmentary responses to UV radiation?. <i>Experimental Dermatology</i> , 2013 , 22, 790-1	4	5
47	Novel vitamin D photoproducts and their precursors in the skin. <i>Dermato-Endocrinology</i> , 2013 , 5, 7-19		42
46	Geldanamycin-induced osteosarcoma cell death is associated with hyperacetylation and loss of mitochondrial pool of heat shock protein 60 (hsp60). <i>PLoS ONE</i> , 2013 , 8, e71135	3.7	45
45	KU812 basophils express urocortin, CRH-R, MC1R and steroidogenic enzymes and secrete progesterone. <i>Experimental Dermatology</i> , 2012 , 21, 541-3	4	7

44	L-tyrosine and L-dihydroxyphenylalanine as hormone-like regulators of melanocyte functions. <i>Pigment Cell and Melanoma Research</i> , 2012 , 25, 14-27	4.5	290
43	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 ,	1.2	40
42	New vitamin D analogs as potential therapeutics in melanoma. <i>Expert Review of Anticancer Therapy</i> , 2012 , 12, 585-99	3.5	33
41	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 , 212, v, vii, 1-115	1.2	372
40	Cutaneous Opioid System. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 75-80	1.2	
39	Cutaneous Secosteroidal System. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 65-70	1.2	
38	Melatonergic System in the Skin. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 27-36	1.2	1
37	Biogenic Amines in the Skin. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 7-26	1.2	0
36	Equivalent of Hypothalamo-Pituitary-Adrenal Axis in the Skin. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 55-63	1.2	
35	Steroidogenesis in the Skin. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 51-54	1.2	
34	Corticotropin Signaling System in the Skin. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 41-50.	1.2	
33	Equivalent of Hypothalamic-Pituitary-Thyroid Axis. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2012 , 71-74	1.2	
32	Synthesis and photochemical transformation of 3 β -21-dihydroxypregna-5,7-dien-20-one to novel secosteroids that show anti-melanoma activity. <i>Steroids</i> , 2011 , 76, 193-203	2.8	39
31	Neuroendocrinology of the skin: An overview and selective analysis. <i>Dermato-Endocrinology</i> , 2011 , 3, 3-10		52
30	Regulated proenkephalin expression in human skin and cultured skin cells. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 613-22	4.3	59
29	Products of vitamin D3 or 7-dehydrocholesterol metabolism by cytochrome P450csc show anti-leukemia effects, having low or absent calcemic activity. <i>PLoS ONE</i> , 2010 , 5, e9907	3.7	110
28	Emerging role of alternative splicing of CRF1 receptor in CRF signaling.. <i>Acta Biochimica Polonica</i> , 2010 , 57,	2	41
27	Emerging role of alternative splicing of CRF1 receptor in CRF signaling. <i>Acta Biochimica Polonica</i> , 2010 , 57, 1-13	2	36

26	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	3-7	71
25	20-Hydroxycholecalciferol, product of vitamin D3 hydroxylation by P450scc, decreases NF-kappaB activity by increasing IkappaB alpha levels in human keratinocytes. <i>PLoS ONE</i> , 2009 , 4, e5988	3-7	98
24	CRF1 receptor splicing in epidermal keratinocytes: potential biological role and environmental regulations. <i>Journal of Cellular Physiology</i> , 2009 , 218, 593-602	7	43
23	Human female hair follicles are a direct, nonclassical target for thyroid-stimulating hormone. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 1126-39	4-3	70
22	Photo-conversion of two epimers (20R and 20S) of pregna-5,7-diene-3beta, 17alpha, 20-triol and their bioactivity in melanoma cells. <i>Steroids</i> , 2009 , 74, 218-28	2.8	50
21	The melatonin-producing system is fully functional in retinal pigment epithelium (ARPE-19). <i>Molecular and Cellular Endocrinology</i> , 2009 , 307, 211-6	4-4	43
20	20-Hydroxyvitamin D3, a product of vitamin D3 hydroxylation by cytochrome P450scc, stimulates keratinocyte differentiation. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 2271-80	4-3	97
19	Synthesis and photo-conversion of androsta- and pregna-5,7-dienes to vitamin D3-like derivatives. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 1570-6	4-2	31
18	Metabolism of 1alpha-hydroxyvitamin D3 by cytochrome P450scc to biologically active 1alpha,20-dihydroxyvitamin D3. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 112, 213-9	5-1	41
17	Melatonin in the skin: synthesis, metabolism and functions. <i>Trends in Endocrinology and Metabolism</i> , 2008 , 19, 17-24	8.8	211
16	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, 4381-8	5.6	96
15	Vitiligo pathogenesis: autoimmune disease, genetic defect, excessive reactive oxygen species, calcium imbalance, or what else?. <i>Experimental Dermatology</i> , 2008 , 17, 139-40; discussion 141-60	4	117
14	Viewpoint 4. <i>Experimental Dermatology</i> , 2008 , 17, 148-150	4	2
13	Melatonin as a major skin protectant: from free radical scavenging to DNA damage repair. <i>Experimental Dermatology</i> , 2008 , 17, 713-30	4	112
12	Melatonin maintains mitochondrial membrane potential and attenuates activation of initiator (casp-9) and effector caspases (casp-3/casp-7) and PARP in UVR-exposed HaCaT keratinocytes. <i>Journal of Pineal Research</i> , 2008 , 44, 397-407	10.4	91
11	Pathways and products for the metabolism of vitamin D3 by cytochrome P450scc. <i>FEBS Journal</i> , 2008 , 275, 2585-96	5-7	92
10	Expression of molecular equivalent of hypothalamic-pituitary-adrenal axis in adult retinal pigment epithelium. <i>Journal of Endocrinology</i> , 2007 , 193, 157-69	4-7	40
9	Molecular cloning and initial characterization of African green monkey (<i>Cercopithecus aethiops</i>) corticotropin releasing factor receptor type 1 (CRF1) from COS-7 cells. <i>Gene</i> , 2007 , 389, 154-62	3.8	10

8	Structural basis of the interspecies interaction between the chaperone DnaK(Hsp70) and the co-chaperone GrpE of archaea and bacteria. <i>Acta Biochimica Polonica</i> , 2007 , 54, 245-52	2	1
7	The DnaK chaperones from the archaeon <i>Methanosarcina mazei</i> and the bacterium <i>Escherichia coli</i> have different substrate specificities. <i>Acta Biochimica Polonica</i> , 2007 , 54, 509-22	2	2
6	CRH functions as a growth factor/cytokine in the skin. <i>Journal of Cellular Physiology</i> , 2006 , 206, 780-91	7	103
5	Corticotropin releasing hormone and the skin. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2230-48	2.8	124
4	On the role of melatonin in skin physiology and pathology. <i>Endocrine</i> , 2005 , 27, 137-48		166
3	Complementation studies of the DnaK-DnaJ-GrpE chaperone machineries from <i>Vibrio harveyi</i> and <i>Escherichia coli</i> , both in vivo and in vitro. <i>Archives of Microbiology</i> , 2004 , 182, 436-49	3	8
2	Functional similarities and differences of an archaeal Hsp70(DnaK) stress protein compared with its homologue from the bacterium <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 2004 , 336, 539-49	6.5	26
1	Cloning and characterization of the dnaK heat shock operon of the marine bacterium <i>Vibrio harveyi</i> . <i>Molecular Genetics and Genomics</i> , 1998 , 259, 179-89		20