Andrzej Slominski

List of Publications by Year in Descending Order

374 papers	22,550 citations	82 h-index	131 g-index
403 ext. papers	25,648 ext. citations	4.5 avg, IF	7.12 L-index

#	Paper	IF	Citations
374	Protective Role of Melatonin and Its Metabolites in Skin Aging.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	10
373	Chemical synthesis, biological activities and action on nuclear receptors of 20S(OH)D, 20S,25(OH)D, 20S,23S(OH)D and 20S,23R(OH)D.. *Bioorganic Chemistry*, **2022**, 121, 105660	5.1	0
372	Melatonin: highlighting its use as a potential treatment for SARS-CoV-2 infection.. *Cellular and Molecular Life Sciences*, **2022**, 79, 143	10.3	6
371	Melanoma, Melanin, and Melanogenesis: The Yin and Yang Relationship.. *Frontiers in Oncology*, **2022**, 12, 842496	5.3	15
370	Current Insights Into the Role of Neuropeptide Y in Skin Physiology and Pathology.. *Frontiers in Endocrinology*, **2022**, 13, 838434	5.7	0
369	The Role of the Vitamin D Receptor in the Pathogenesis, Prognosis, and Treatment of Cutaneous Melanoma. *Frontiers in Oncology*, **2021**, 11, 743667	5.3	3
368	Expression of antimicrobial peptide genes oscillates along day/night rhythm protecting mice skin from bacteria. *Experimental Dermatology*, **2021**, 30, 1418-1427	4	6
367	Mitochondrial function is controlled by melatonin and its metabolites in vitro in human melanoma cells. *Journal of Pineal Research*, **2021**, 70, e12728	10.4	5
366	Vitamin D and lumisterol derivatives can act on liver X receptors (LXRs). *Scientific Reports*, **2021**, 11, 8002	4.9	15
365	Pigmentation Levels Affect Melanoma Responses to Extract and Play a Crucial Role in Melanoma-Mononuclear Cell Crosstalk. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
364	Immunological Aspects of Skin Aging in Atopic Dermatitis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
363	Evaluation of Polymeric Matrix Loaded with Melatonin for Wound Dressing. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
362	Vitamin D and Lumisterol Hydroxyderivatives Can Act on Liver X Receptors (LXRs). *Journal of the Endocrine Society*, **2021**, 5, A820-A820	0.4	
361	Simultaneous measurement of 13 circulating vitamin D3 and D2 mono and dihydroxy metabolites using liquid chromatography mass spectrometry. *Clinical Chemistry and Laboratory Medicine*, **2021**, 59, 1642-1652	5.9	7
360	Knocking out the Vitamin D Receptor Enhances Malignancy and Decreases Responsiveness to Vitamin D3 Hydroxyderivatives in Human Melanoma Cells. *Cancers*, **2021**, 13,	6.6	4
359	20-Hydroxyvitamin D3, a Secosteroid Produced in Humans, Is Anti-Inflammatory and Inhibits Murine Autoimmune Arthritis. *Frontiers in Immunology*, **2021**, 12, 678487	8.4	3
358	The significance of CYP11A1 expression in skin physiology and pathology. *Molecular and Cellular Endocrinology*, **2021**, 530, 111238	4.4	16

357	New effects of caffeine on corticotropin-releasing hormone (CRH)-induced stress along the intrafollicular classical hypothalamic-pituitary-adrenal (HPA) axis (CRH-R1/2, IP -R, ACTH, MC-R2) and the neurogenic non-HPA axis (substance P, p75 and TrkA) in ex vivo human male androgenetic scalp hair follicles. *British Journal of Dermatology*, **2021**, 184, 96-110	4	5
356	Antifibrogenic Activities of CYP11A1-derived Vitamin D3-hydroxyderivatives Are Dependent on ROR *Endocrinology*, **2021**, 162,	4.8	3
355	5PCap-Dependent Translation as a Potent Therapeutic Target for Lethal Human Squamous Cell Carcinoma. *Journal of Investigative Dermatology*, **2021**, 141, 742-753.e10	4.3	1
354	Nme1 and Nme2 genes exert metastasis-suppressor activities in a genetically engineered mouse model of UV-induced melanoma. *British Journal of Cancer*, **2021**, 124, 161-165	8.7	4
353	UVB stimulates production of enkephalins and other neuropeptides by skin-resident cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
352	Retinoic Acid-Related Orphan Receptor (ROR) Inverse Agonists: Potential Therapeutic Strategies for Multiple Inflammatory Diseases? **2021**, 349-377		
351	Detection of Serotonin, Melatonin, and Their Metabolites in Honey.. *ACS Food Science & Technology*, **2021**, 1, 1228-1235		0
350	17,20S(OH)pD Can Prevent the Development of Skin Fibrosis in the Bleomycin-Induced Scleroderma Mouse Model. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
349	Vitamin D and lumisterol novel metabolites can inhibit SARS-CoV-2 replication machinery enzymes. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 321, E246-E251	6	14
348	Comprehensive molecular profiling of UV-induced metastatic melanoma in Nme1/Nme2-deficient mice reveals novel markers of survival in human patients. *Oncogene*, **2021**, 40, 6329-6342	9.2	1
347	Vitamin D3 and its hydroxyderivatives as promising drugs against COVID-19: a computational study. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-17	3.6	6
346	The Impact of Vitamin D on Skin Aging. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
345	Discovery of novel 3-hydroxyandrosta-5,7-Diene-17-Carboxylic acid derivatives as anti-inflammatory bowel diseases (IBD) agents. *European Journal of Medicinal Chemistry*, **2021**, 220, 113468	6.8	2
344	Selective ability of rat 7-Dehydrocholesterol reductase (DHCR7) to act on some 7-Dehydrocholesterol metabolites but not on lumisterol metabolites. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 212, 105929	5.1	1
343	Evidence for Involvement of Nonclassical Pathways in the Protection From UV-Induced DNA Damage by Vitamin D-Related Compounds.. *JBMR Plus*, **2021**, 5, e10555	3.9	0
342	Dietary table grape protects against ultraviolet photodamage in humans: 2. molecular biomarker studies. *Journal of the American Academy of Dermatology*, **2021**, 85, 1032-1034	4.5	0
341	Hydroxylumisterols, Photoproducts of Pre-Vitamin D3, Protect Human Keratinocytes against UVB-Induced Damage. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
340	Current Molecular Markers of Melanoma and Treatment Targets. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	19

339	Noncalcemic Vitamin D Hydroxyderivatives Inhibit Human Oral Squamous Cell Carcinoma and Down-regulate Hedgehog and WNT/ECatenin Pathways. *Anticancer Research*, **2020**, 40, 2467-2474	2.3	6
338	Photoprotective Properties of Vitamin D and Lumisterol Hydroxyderivatives. *Cell Biochemistry and Biophysics*, **2020**, 78, 165-180	3.2	53
337	Detection of 7-Dehydrocholesterol and Vitamin D3 Derivatives in Honey. *Molecules*, **2020**, 25,	4.8	7
336	Extra-adrenal glucocorticoid biosynthesis: implications for autoimmune and inflammatory disorders. *Genes and Immunity*, **2020**, 21, 150-168	4.4	44
335	Pathogenesis of psoriasis in the "omic" era. Part IV. Epidemiology, genetics, immunopathogenesis, clinical manifestation and treatment of psoriatic arthritis. *Postepy Dermatologii I Alergologii*, **2020**, 37, 625-634	1.5	6
334	The Role of Classical and Novel Forms of Vitamin D in the Pathogenesis and Progression of Nonmelanoma Skin Cancers. *Advances in Experimental Medicine and Biology*, **2020**, 1268, 257-283	3.6	15
333	CYP11A1-derived vitamin D products protect against UVB-induced inflammation and promote keratinocytes differentiation. *Free Radical Biology and Medicine*, **2020**, 155, 87-98	7.8	15
332	Relevance of Vitamin D in Melanoma Development, Progression and Therapy. *Anticancer Research*, **2020**, 40, 473-489	2.3	19
331	Characterization of serotonin and N-acetylserotonin systems in the human epidermis and skin cells. *Journal of Pineal Research*, **2020**, 68, e12626	10.4	15
330	Association among Vitamin D, Retinoic Acid-Related Orphan Receptors, and Vitamin D Hydroxyderivatives in Ovarian Cancer. *Nutrients*, **2020**, 12,	6.7	3
329	COVID-19 and Vitamin D: A lesson from the skin. *Experimental Dermatology*, **2020**, 29, 885-890	4	29
328	Vitamin D and its analogs as anticancer and anti-inflammatory agents. *European Journal of Medicinal Chemistry*, **2020**, 207, 112738	6.8	18
327	Reply to Jakovac and to Rocha et al.: Can vitamin D prevent or manage COVID-19 illness?. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 319, E455-E457	6	12
326	Clinical Trials for Use of Melatonin to Fight against COVID-19 Are Urgently Needed. *Nutrients*, **2020**, 12,	6.7	32
325	Coriolus versicolor-derived protein-bound polysaccharides trigger the caspase-independent cell death pathway in amelanotic but not melanotic melanoma cells. *Phytotherapy Research*, **2020**, 34, 173-183	6.7	14
324	Essential skin shrinkage: cicatricial ectropion, a histopathologic evaluation and clinical analysis. *Orbit*, **2020**, 39, 93-97	1.5	
323	Neuroendocrine Aspects of Skin Aging. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	40
322	Genomic Profiling of the Steroidogenic Acute Regulatory Protein in Breast Cancer: In Silico Assessments and a Mechanistic Perspective. *Cancers*, **2019**, 11,	6.6	5

321	Protective effects of novel derivatives of vitamin D and lumisterol against UVB-induced damage in human keratinocytes involve activation of Nrf2 and p53 defense mechanisms. *Redox Biology*, **2019**, 24, 101206	11.3	62
320	Vitamin D and its low calcemic analogs modulate the anticancer properties of cisplatin and dacarbazine in the human melanoma A375 cell line. *International Journal of Oncology*, **2019**, 54, 1481-1495	4.4	7
319	Targeting melanocortin receptor type 1 with small peptides. *British Journal of Dermatology*, **2019**, 181, 17-18	4	2
318	On the relationship between VDR, ROR and ROR receptors expression and HIF1- levels in human melanomas. *Experimental Dermatology*, **2019**, 28, 1036-1043	4	13
317	Vitamin D receptors (VDR), hydroxylases CYP27B1 and CYP24A1 and retinoid-related orphan receptors (ROR) level in human uveal tract and ocular melanoma with different melanization levels. *Scientific Reports*, **2019**, 9, 9142	4.9	14
316	Melatonin exerts oncostatic capacity and decreases melanogenesis in human MNT-1 melanoma cells. *Journal of Pineal Research*, **2019**, 67, e12610	10.4	14
315	The serum vitamin D metabolome: What we know and what is still to discover. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 186, 4-21	5.1	75
314	CYP27A1 acts on the pre-vitamin D3 photoproduct, lumisterol, producing biologically active hydroxy-metabolites. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 181, 1-10	5.1	15
313	How UV Light Touches the Brain and Endocrine System Through Skin, and Why. *Endocrinology*, **2018**, 159, 1992-2007	4.8	185
312	Retinoic acid-related Orphan Receptor (ROR) connecting sterol metabolism to regulation of the immune system and autoimmune disease. *Current Opinion in Toxicology*, **2018**, 8, 66-80	4.4	48
311	Melatonin: A Cutaneous Perspective on its Production, Metabolism, and Functions. *Journal of Investigative Dermatology*, **2018**, 138, 490-499	4.3	119
310	Investigation of 20S-hydroxyvitamin D analogs and their 1-OH derivatives as potent vitamin D receptor agonists with anti-inflammatory activities. *Scientific Reports*, **2018**, 8, 1478	4.9	25
309	Melatonin and its derivatives counteract the ultraviolet B radiation-induced damage in human and porcine skin ex vivo. *Journal of Pineal Research*, **2018**, 65, e12501	10.4	50
308	On the role of classical and novel forms of vitamin D in melanoma progression and management. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 177, 159-170	5.1	54
307	Calcitriol and Calcidiol Can Sensitize Melanoma Cells to Low?LET Proton Beam Irradiation. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	8
306	Reversing wrinkled skin and hair loss in mice by restoring mitochondrial function. *Cell Death and Disease*, **2018**, 9, 735	9.8	47
305	Transplantable Melanomas in Hamsters and Gerbils as Models for Human Melanoma. Sensitization in Melanoma Radiotherapy-From Animal Models to Clinical Trials. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	28
304	CKS1 expression in melanocytic nevi and melanoma. *Oncotarget*, **2018**, 9, 4173-4187	3.3	1

303	Properties of purified CYP2R1 in a reconstituted membrane environment and its 25-hydroxylation of 20-hydroxyvitamin D3. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 177, 59-69	5.1	6
302	2349 The role of interleukin-23 in human melanoma. *Journal of Clinical and Translational Science*, **2018**, 2, 32-32	0.4	78
301	Melatonin and Its Metabolites Ameliorate UVR-Induced Mitochondrial Oxidative Stress in Human MNT-1 Melanoma Cells. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	25
300	Acute hepatologic and nephrologic effects of calcitriol in Syrian golden hamster (Mesocricetus auratus). *Acta Biochimica Polonica*, **2018**, 65, 351-358	2	3
299	Differential and Overlapping Effects of 20,23(OH)D3 and 1,25(OH)D3 on Gene Expression in Human Epidermal Keratinocytes: Identification of AhR as an Alternative Receptor for 20,23(OH)D3. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	56
298	Protective effects of novel derivatives of vitamin D3 and lumisterol against UVB-induced damage in human keratinocytes involve activation of Nrf2 and P53 defense mechanisms. *Free Radical Biology and Medicine*, **2018**, 128, S116	7.8	2
297	Antiproliferative Activity of Non-Calcemic Vitamin D Analogs on Human Melanoma Lines in Relation to VDR and PDIA3 Receptors. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	15
296	Differentiation of Keratinocytes Modulates Skin HPA Analog. *Journal of Cellular Physiology*, **2017**, 232, 154-66	7	18
295	Vitamin D signaling and melanoma: role of vitamin D and its receptors in melanoma progression and management. *Laboratory Investigation*, **2017**, 97, 706-724	5.9	76
294	Glucocorticoids Inhibit Wound Healing: Novel Mechanism of Action. *Journal of Investigative Dermatology*, **2017**, 137, 1012-1014	4.3	20
293	Melatonin and its metabolites protect human melanocytes against UVB-induced damage: Involvement of NRF2-mediated pathways. *Scientific Reports*, **2017**, 7, 1274	4.9	91
292	Nrf2 in keratinocytes modulates UVB-induced DNA damage and apoptosis in melanocytes through MAPK signaling. *Free Radical Biology and Medicine*, **2017**, 108, 918-928	7.8	45
291	Giant Basal Cell Carcinomas Express Neuroactive Mediators and Show a High Growth Rate: A Case-Control Study and Meta-Analysis of Etiopathogenic and Prognostic Factors. *American Journal of Dermatopathology*, **2017**, 39, 189-194	0.9	8
290	TRPM1 (melastatin) expression is an independent predictor of overall survival in clinical AJCC stage I and II melanoma patients. *Journal of Cutaneous Pathology*, **2017**, 44, 328-337	1.7	11
289	1,20S-Dihydroxyvitamin D Interacts with Vitamin D Receptor: Crystal Structure and Route of Chemical Synthesis. *Scientific Reports*, **2017**, 7, 10193	4.9	18
288	Characterization of a new pathway that activates lumisterol in vivo to biologically active hydroxylumisterols. *Scientific Reports*, **2017**, 7, 11434	4.9	50
287	Cutaneous Glucocorticoidogenesis and Cortisol Signaling Are Defective in Psoriasis. *Journal of Investigative Dermatology*, **2017**, 137, 1609-1611	4.3	14
286	Melatonin, mitochondria, and the skin. *Cellular and Molecular Life Sciences*, **2017**, 74, 3913-3925	10.3	82

285	Does melanin matter in the dark?. *Experimental Dermatology*, **2017**, 26, 595-597	4	6
284	Endogenously produced nonclassical vitamin D hydroxy-metabolites act as "biased" agonists on VDR and inverse agonists on RORand RORJournal of Steroid Biochemistry and Molecular Biology, **2017**, 173, 42-56	5.1	84
283	Skin Exposure to Ultraviolet B Rapidly Activates Systemic Neuroendocrine and Immunosuppressive Responses. *Photochemistry and Photobiology*, **2017**, 93, 1008-1015	3.6	48
282	Metabolism of melatonin in the skin: Why is it important?. *Experimental Dermatology*, **2017**, 26, 563-568	4	58
281	Pigmented Epithelioid Melanocytoma (PEM)/Animal Type Melanoma (ATM): Quest for an Origin. Report of One Unusual Case Indicating Follicular Origin and Another Arising in an Intradermal Nevus. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	2
280	The HGF/SF Mouse Model of UV-Induced Melanoma as an In Vivo Sensor for Metastasis-Regulating Gene. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	6
279	Noncalcemic 20-hydroxyvitamin D3 inhibits human melanoma growth in in vitro and in vivo models. *Oncotarget*, **2017**, 8, 9823-9834	3.3	30
278	Role of the steroidogenic acute regulatory protein in health and disease. *Endocrine*, **2016**, 51, 7-21	4	73
277	Bioactive forms of vitamin D selectively stimulate the skin analog of the hypothalamus-pituitary-adrenal axis in human epidermal keratinocytes. *Molecular and Cellular Endocrinology*, **2016**, 437, 312-322	4.4	12
276	RORis not a receptor for melatonin (response to DOI 10.1002/bies.201600018). *BioEssays*, **2016**, 38, 1193-1194	4.1	33
275	Classical and non-classical metabolic transformation of vitamin D in dermal fibroblasts. *Experimental Dermatology*, **2016**, 25, 231-2	4	40
274	Serum Vitamin D Concentrations in Baboons (Papio spp.) during Pregnancy and Obesity. *Comparative Medicine*, **2016**, 66, 137-42	1.6	5
273	Design, Synthesis and Biological Activities of Novel Gemini 20S-Hydroxyvitamin D3 Analogs. *Anticancer Research*, **2016**, 36, 877-86	2.3	6
272	Frequency of CD4+CD25+Foxp3+ cells in peripheral blood in relation to urinary bladder cancer malignancy indicators before and after surgical removal. *Oncotarget*, **2016**, 7, 11450-62	3.3	17
271	Melanin content in melanoma metastases affects the outcome of radiotherapy. *Oncotarget*, **2016**, 7, 17844-53	3.3	129
270	RORand RORexpression inversely correlates with human melanoma progression. *Oncotarget*, **2016**, 7, 63261-63282	3.3	36
269	Changes in Immunogenicity during the Development of Urinary Bladder Cancer: A Preliminary Study. *International Journal of Molecular Sciences*, **2016**, 17, 285	6.3	7
268	Ultraviolet B stimulates proopiomelanocortin signalling in the arcuate nucleus of the hypothalamus in mice. *Experimental Dermatology*, **2016**, 25, 120-3	4	24

267	Sun-derived infrared A and ultraviolet B radiation: allies or enemies in melanomagenesis?. *Experimental Dermatology*, **2016**, 25, 760-2	4	5
266	Vitamin D derivatives enhance cytotoxic effects of H2O2 or cisplatin on human keratinocytes. *Steroids*, **2016**, 110, 49-61	2.8	29
265	Synthesis and Biological Evaluation of Vitamin D3 Metabolite 20S,23S-Dihydroxyvitamin D3 and Its 23R Epimer. *Journal of Medicinal Chemistry*, **2016**, 59, 5102-8	8.3	14
264	Hydroxylation of 20-hydroxyvitamin D3 by human CYP3A4. *Journal of Steroid Biochemistry and Molecular Biology*, **2016**, 159, 131-41	5.1	18
263	Skin under the sun: when melanin pigment meets vitamin D. *Endocrinology*, **2015**, 156, 1-4	4.8	25
262	Metabolism of 20-hydroxyvitamin D3 and 20,23-dihydroxyvitamin D3 by rat and human CYP24A1. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 149, 153-65	5.1	14
261	N1-Acetyl-5-Methoxykynuramine (AMK) is produced in the human epidermis and shows antiproliferative effects. *Endocrinology*, **2015**, 156, 1630-6	4.8	21
260	Regulation of retinoid mediated cholesterol efflux involves liver X receptor activation in mouse macrophages. *Biochemical and Biophysical Research Communications*, **2015**, 464, 312-7	3.4	23
259	Antitumor effects of vitamin D analogs on hamster and mouse melanoma cell lines in relation to melanin pigmentation. *International Journal of Molecular Sciences*, **2015**, 16, 6645-67	6.3	29
258	Expression of RCAS1 correlates with urothelial bladder cancer malignancy. *International Journal of Molecular Sciences*, **2015**, 16, 3783-803	6.3	5
257	Novel non-calcemic secosteroids that are produced by human epidermal keratinocytes protect against solar radiation. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 148, 52-63	5.1	55
256	Novel activities of CYP11A1 and their potential physiological significance. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 151, 25-37	5.1	181
255	When the circadian clock meets the melanin pigmentary system. *Journal of Investigative Dermatology*, **2015**, 135, 943-945	4.3	12
254	Total synthesis of biologically active 20S-hydroxyvitamin D3. *Steroids*, **2015**, 104, 153-62	2.8	10
253	Chemical Synthesis and Biological Activities of 20S,24S/R-Dihydroxyvitamin D3 Epimers and Their 1Hydroxyl Derivatives. *Journal of Medicinal Chemistry*, **2015**, 58, 7881-7	8.3	18
252	Vitamin D as an adjuvant in melanoma therapy. *Melanoma Management*, **2015**, 2, 1-4	2.1	8
251	Up-regulation of steroid biosynthesis by retinoid signaling: Implications for aging. *Mechanisms of Ageing and Development*, **2015**, 150, 74-82	5.6	24
250	UVB Activates Hypothalamic-Pituitary-Adrenal Axis in C57BL/6 Mice. *Journal of Investigative Dermatology*, **2015**, 135, 1638-1648	4.3	82

249	Melatonin and its metabolites accumulate in the human epidermis in vivo and inhibit proliferation and tyrosinase activity in epidermal melanocytes in vitro. *Molecular and Cellular Endocrinology*, **2015**, 404, 1-8	4.4	58
248	Detection of novel CYP11A1-derived secosteroids in the human epidermis and serum and pig adrenal gland. *Scientific Reports*, **2015**, 5, 14875	4.9	154
247	A Proposed Molecular Mechanism of High-Dose Vitamin D3 Supplementation in Prevention and Treatment of Preeclampsia. *International Journal of Molecular Sciences*, **2015**, 16, 13043-64	6.3	15
246	Expression of Vitamin D Receptor (VDR) Positively Correlates with Survival of Urothelial Bladder Cancer Patients. *International Journal of Molecular Sciences*, **2015**, 16, 24369-86	6.3	20
245	On the role of skin in the regulation of local and systemic steroidogenic activities. *Steroids*, **2015**, 103, 72-88	2.8	107
244	Differential antitumor effects of vitamin D analogues on colorectal carcinoma in culture. *International Journal of Oncology*, **2015**, 47, 1084-96	4.4	33
243	Decreased expression of CYP27B1 correlates with the increased aggressiveness of ovarian carcinomas. *Oncology Reports*, **2015**, 33, 599-606	3.5	22
242	On the role of the endogenous opioid system in regulating epidermal homeostasis. *Journal of Investigative Dermatology*, **2015**, 135, 333-334	4.3	12
241	Ultraviolet radiation (UVR) activates central neuro-endocrine-immune system. *Photodermatology Photoimmunology and Photomedicine*, **2015**, 31, 121-3	2.4	16
240	RORα and RORγ are expressed in human skin and serve as receptors for endogenously produced noncalcemic 20-hydroxy- and 20,23-dihydroxyvitamin D. *FASEB Journal*, **2014**, 28, 2775-89	0.9	170
239	The role of CYP11A1 in the production of vitamin D metabolites and their role in the regulation of epidermal functions. *Journal of Steroid Biochemistry and Molecular Biology*, **2014**, 144 Pt A, 28-39	5.1	108
238	In vivo production of novel vitamin D2 hydroxy-derivatives by human placentas, epidermal keratinocytes, Caco-2 colon cells and the adrenal gland. *Molecular and Cellular Endocrinology*, **2014**, 383, 181-92	4.4	73
237	Cutaneous glucocorticosteroidogenesis: securing local homeostasis and the skin integrity. *Experimental Dermatology*, **2014**, 23, 369-374	4	56
236	Metabolism of 20-hydroxyvitamin D3 by mouse liver microsomes. *Journal of Steroid Biochemistry and Molecular Biology*, **2014**, 144 Pt B, 286-93	5.1	12
235	Synergistic activation of steroidogenic acute regulatory protein expression and steroid biosynthesis by retinoids: involvement of cAMP/PKA signaling. *Endocrinology*, **2014**, 155, 576-91	4.8	34
234	Lumisterol is metabolized by CYP11A1: discovery of a new pathway. *International Journal of Biochemistry and Cell Biology*, **2014**, 55, 24-34	5.6	26
233	Local melatoninergic system as the protector of skin integrity. *International Journal of Molecular Sciences*, **2014**, 15, 17705-32	6.3	94
232	Cytochromes p450 and skin cancer: role of local endocrine pathways. *Anti-Cancer Agents in Medicinal Chemistry*, **2014**, 14, 77-96	2.2	70

231	CYP24A1 expression inversely correlates with melanoma progression: clinic-pathological studies. *International Journal of Molecular Sciences*, **2014**, 15, 19000-17	6.3	31
230	Effects of in utero exposure of C57BL/6J mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin on epidermal permeability barrier development and function. *Environmental Health Perspectives*, **2014**, 122, 1052-8	8.4	13
229	On the role of environmental humidity on cortisol production by epidermal keratinocytes. *Experimental Dermatology*, **2014**, 23, 15-7	4	12
228	A novel translational model of percutaneous fetoscopic endoluminal tracheal occlusion - baboons (Papio spp.). *Fetal Diagnosis and Therapy*, **2014**, 35, 92-100	2.4	9
227	Novel vitamin D analogs as potential therapeutics: metabolism, toxicity profiling, and antiproliferative activity. *Anticancer Research*, **2014**, 34, 2153-63	2.3	41
226	Decreased VDR expression in cutaneous melanomas as marker of tumor progression: new data and analyses. *Anticancer Research*, **2014**, 34, 2735-43	2.3	58
225	Targeted chemotherapy of metastatic melanoma: the impact of tumor cell heterogeneity. *Expert Review of Dermatology*, **2013**, 8, 131-134		1
224	Key role of CRF in the skin stress response system. *Endocrine Reviews*, **2013**, 34, 827-84	27.2	249
223	Targeting ALDH1A1 to treat pigmentary disorders. *Experimental Dermatology*, **2013**, 22, 316-7	4	
222	Ultraviolet radiation regulates cortisol activity in a waveband-dependent manner in human skin ex vivo. *British Journal of Dermatology*, **2013**, 168, 595-601	4	81
221	Melanogenesis affects overall and disease-free survival in patients with stage III and IV melanoma. *Human Pathology*, **2013**, 44, 2071-4	3.7	116
220	Expression of the vitamin D-activating enzyme 1α-hydroxylase (CYP27B1) decreases during melanoma progression. *Human Pathology*, **2013**, 44, 374-87	3.7	56
219	Steroidogenesis in the skin: implications for local immune functions. *Journal of Steroid Biochemistry and Molecular Biology*, **2013**, 137, 107-23	5.1	228
218	Genetic variation of the cutaneous HPA axis: an analysis of UVB-induced differential responses. *Gene*, **2013**, 530, 1-7	3.8	29
217	Neuro-immune-endocrine functions of the skin: an overview. *Expert Review of Dermatology*, **2013**, 8, 581-583		22
216	Effects of sidechain length and composition on the kinetic conversion and product distribution of vitamin D analogs determined by real-time NMR. *Dermato-Endocrinology*, **2013**, 5, 142-9		5
215	20S-hydroxyvitamin D3, noncalcemic product of CYP11A1 action on vitamin D3, exhibits potent antifibrogenic activity in vivo. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E298-303	5.6	62
214	Is Mc1r an important regulator of non-pigmentary responses to UV radiation?. *Experimental Dermatology*, **2013**, 22, 790-1	4	5

213	Commentary on the practical guide for the study of sebaceous glands. *Experimental Dermatology*, **2013**, 22, 629-30	4	4
212	Novel vitamin D photoproducts and their precursors in the skin. *Dermato-Endocrinology*, **2013**, 5, 7-19		42
211	Putative role of HIF transcriptional activity in melanocytes and melanoma biology. *Dermato-Endocrinology*, **2013**, 5, 239-51		34
210	Hydroxylation of CYP11A1-derived products of vitamin D3 metabolism by human and mouse CYP27B1. *Drug Metabolism and Disposition*, **2013**, 41, 1112-24	4	31
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