

Andrzej Slominski

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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	Melanin pigmentation in mammalian skin and its hormonal regulation. <i>Physiological Reviews</i> , 2004 , 84, 1155-228	47.9	1370
373	Corticotropin releasing hormone and proopiomelanocortin involvement in the cutaneous response to stress. <i>Physiological Reviews</i> , 2000 , 80, 979-1020	47.9	622
372	Neuroendocrinology of the skin. <i>Endocrine Reviews</i> , 2000 , 21, 457-87	27.2	488
371	Melatonin membrane receptors in peripheral tissues: distribution and functions. <i>Molecular and Cellular Endocrinology</i> , 2012 , 351, 152-66	4.4	427
370	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
369	Hair follicle pigmentation. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 13-21	4.3	341
368	Neuroimmunology of stress: skin takes center stage. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 1697-704	4.3	294
367	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
366	The cutaneous serotonergic/melatonergic system: securing a place under the sun. <i>FASEB Journal</i> , 2005 , 19, 176-94	0.9	281
365	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, 130-8	4.9	254
364	Key role of CRF in the skin stress response system. <i>Endocrine Reviews</i> , 2013 , 34, 827-84	27.2	249
363	Cutaneous expression of corticotropin-releasing hormone (CRH), urocortin, and CRH receptors. <i>FASEB Journal</i> , 2001 , 15, 1678-93	0.9	248
362	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
361	Melatonin in the skin: synthesis, metabolism and functions. <i>Trends in Endocrinology and Metabolism</i> , 2008 , 19, 17-24	8.8	211
360	In vivo evidence for a novel pathway of vitamin D metabolism initiated by P450scc and modified by CYP27B1. <i>FASEB Journal</i> , 2012 , 26, 3901-15	0.9	199
359	Serotonergic and melatonergic systems are fully expressed in human skin. <i>FASEB Journal</i> , 2002 , 16, 896-8	0.9	199
358	Differential expression of HPA axis homolog in the skin. <i>Molecular and Cellular Endocrinology</i> , 2007 , 265-266, 143-9	4.4	196

357	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	4.3	191
356	Cutaneous hypothalamic-pituitary-adrenal axis homolog: regulation by ultraviolet radiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E484-93	6	188
355	A novel pathway for sequential transformation of 7-dehydrocholesterol and expression of the P450scc system in mammalian skin. <i>FEBS Journal</i> , 2004 , 271, 4178-88		187
354	How UV Light Touches the Brain and Endocrine System Through Skin, and Why. <i>Endocrinology</i> , 2018 , 159, 1992-2007	4.8	185
353	Novel activities of CYP11A1 and their potential physiological significance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 151, 25-37	5.1	181
352	Functional activity of serotonergic and melatonergic systems expressed in the skin. <i>Journal of Cellular Physiology</i> , 2003 , 196, 144-53	7	172
351	ROR α and ROR β are expressed in human skin and serve as receptors for endogenously produced noncalcemic 20-hydroxy- and 20,23-dihydroxyvitamin D. <i>FASEB Journal</i> , 2014 , 28, 2775-89	0.9	170
350	CRH stimulation of corticosteroids production in melanocytes is mediated by ACTH. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E701-6	6	168
349	On the role of melatonin in skin physiology and pathology. <i>Endocrine</i> , 2005 , 27, 137-48		166
348	Differential expression of a cutaneous corticotropin-releasing hormone system. <i>Endocrinology</i> , 2004 , 145, 941-50	4.8	155
347	Detection of novel CYP11A1-derived secosteroids in the human epidermis and serum and pig adrenal gland. <i>Scientific Reports</i> , 2015 , 5, 14875	4.9	154
346	Current concepts of metastasis in melanoma. <i>Expert Review of Dermatology</i> , 2008 , 3, 569-585		153
345	Alternative splicing of CRH-R1 receptors in human and mouse skin: identification of new variants and their differential expression. <i>FASEB Journal</i> , 2001 , 15, 2754-6	0.9	145
344	Mast cell involvement in murine hair growth. <i>Developmental Biology</i> , 1994 , 163, 230-40	3.1	137
343	Melanocytes as "sensory" and regulatory cells in the epidermis. <i>Journal of Theoretical Biology</i> , 1993 , 164, 103-20	2.3	137
342	Inhibitors of melanogenesis increase toxicity of cyclophosphamide and lymphocytes against melanoma cells. <i>International Journal of Cancer</i> , 2009 , 124, 1470-7	7.5	130
341	Melanogenesis during the anagen-catagen-telogen transformation of the murine hair cycle. <i>Journal of Investigative Dermatology</i> , 1994 , 102, 862-9	4.3	130
340	Melanin content in melanoma metastases affects the outcome of radiotherapy. <i>Oncotarget</i> , 2016 , 7, 17844-53	3.3	129

339	Differential expression and activity of melanogenesis-related proteins during induced hair growth in mice. <i>Journal of Investigative Dermatology</i> , 1991 , 96, 172-9	4.3	127
338	Corticotropin releasing hormone and the skin. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2230-48	2.8	124
337	Constitutive and UV-induced metabolism of melatonin in keratinocytes and cell-free systems. <i>FASEB Journal</i> , 2006 , 20, 1564-6	0.9	123
336	Proopiomelanocortin (POMC), the ACTH/melanocortin precursor, is secreted by human epidermal keratinocytes and melanocytes and stimulates melanogenesis. <i>FASEB Journal</i> , 2007 , 21, 1844-56	0.9	122
335	Molecular diagnostics in melanoma. <i>Journal of the American Academy of Dermatology</i> , 2005 , 52, 743-75; quiz 775-8	4.5	120
334	Melatonin: A Cutaneous Perspective on its Production, Metabolism, and Functions. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 490-499	4.3	119
333	The cytochrome P450 _{scc} system opens an alternate pathway of vitamin D3 metabolism. <i>FEBS Journal</i> , 2005 , 272, 4080-90	5.7	119
332	CRH stimulates POMC activity and corticosterone production in dermal fibroblasts. <i>Journal of Neuroimmunology</i> , 2005 , 162, 97-102	3.5	119
331	On the potential role of proopiomelanocortin in skin physiology and pathology. <i>Molecular and Cellular Endocrinology</i> , 1993 , 93, C1-6	4.4	119
330	Melanogenesis affects overall and disease-free survival in patients with stage III and IV melanoma. <i>Human Pathology</i> , 2013 , 44, 2071-4	3.7	116
329	Expression of hypothalamic-pituitary-thyroid axis related genes in the human skin. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 1449-55	4.3	116
328	Conversion of L-tryptophan to serotonin and melatonin in human melanoma cells. <i>FEBS Letters</i> , 2002 , 511, 102-6	3.8	116
327	Melatonin inhibits proliferation and melanogenesis in rodent melanoma cells. <i>Experimental Cell Research</i> , 1993 , 206, 189-94	4.2	113
326	Melatonin as a major skin protectant: from free radical scavenging to DNA damage repair. <i>Experimental Dermatology</i> , 2008 , 17, 713-30	4	112
325	Products of vitamin D3 or 7-dehydrocholesterol metabolism by cytochrome P450 _{scc} show anti-leukemia effects, having low or absent calcemic activity. <i>PLoS ONE</i> , 2010 , 5, e9907	3.7	110
324	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	6.5	109
323	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 Pt A, 28-39	5.1	108
322	On the role of skin in the regulation of local and systemic steroidogenic activities. <i>Steroids</i> , 2015 , 103, 72-88	2.8	107

321	Animals under the sun: effects of ultraviolet radiation on mammalian skin. <i>Clinics in Dermatology</i> , 1998 , 16, 503-15	3	106
320	Neuroendocrine system of the skin. <i>Dermatology</i> , 2005 , 211, 199-208	4.4	106
319	Preservation of eumelanin hair pigmentation in proopiomelanocortin-deficient mice on a nonagouti (a/a) genetic background. <i>Endocrinology</i> , 2005 , 146, 1245-53	4.8	100
318	Metabolism of serotonin to N-acetylserotonin, melatonin, and 5-methoxytryptamine in hamster skin culture. <i>Journal of Biological Chemistry</i> , 1996 , 271, 12281-6	5.4	99
317	20-Hydroxycholecalciferol, product of vitamin D3 hydroxylation by P450 _{scc} , decreases NF-kappaB activity by increasing IkappaB alpha levels in human keratinocytes. <i>PLoS ONE</i> , 2009 , 4, e5988	3.7	98
316	Potential mechanism of skin response to stress. <i>International Journal of Dermatology</i> , 1996 , 35, 849-51	1.7	98
315	Expression of vitamin D receptor decreases during progression of pigmented skin lesions. <i>Human Pathology</i> , 2011 , 42, 618-31	3.7	97
314	20-Hydroxyvitamin D3, a product of vitamin D3 hydroxylation by cytochrome P450 _{scc} , stimulates keratinocyte differentiation. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 2271-80	4.3	97
313	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
312	Inhibition of melanogenesis as a radiation sensitizer for melanoma therapy. <i>International Journal of Cancer</i> , 2008 , 123, 1448-56	7.5	96
311	Ultraviolet B and melanocyte-stimulating hormone (MSH) stimulate mRNA production for alpha MSH receptors and proopiomelanocortin-derived peptides in mouse melanoma cells and transformed keratinocytes. <i>Journal of Investigative Dermatology</i> , 1995 , 105, 655-9	4.3	96
310	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	4.3	96
309	Local melatonergic system as the protector of skin integrity. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 17705-32	6.3	94
308	Neuroendocrine activity of the melanocyte. <i>Experimental Dermatology</i> , 2009 , 18, 760-3	4	94
307	Melanocytic proliferations associated with lichen sclerosus. <i>Archives of Dermatology</i> , 2002 , 138, 77-87		93
306	Pathways and products for the metabolism of vitamin D3 by cytochrome P450 _{scc} . <i>FEBS Journal</i> , 2008 , 275, 2585-96	5.7	92
305	Characterization of corticotropin-releasing hormone (CRH) in human skin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1020-4	5.6	92
304	Melatonin and its metabolites protect human melanocytes against UVB-induced damage: Involvement of NRF2-mediated pathways. <i>Scientific Reports</i> , 2017 , 7, 1274	4.9	91

303	20-Hydroxyvitamin D2 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, C526-41	5.4	90
302	The skin as a mirror of the soul: exploring the possible roles of serotonin. <i>Experimental Dermatology</i> , 2008 , 17, 301-11	4	89
301	Endogenously produced nonclassical vitamin D hydroxy-metabolites act as "biased" agonists on VDR and inverse agonists on ROR α and ROR β . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 173, 42-56	5.1	84
300	Metabolism of melatonin and biological activity of intermediates of melatonergic pathway in human skin cells. <i>FASEB Journal</i> , 2013 , 27, 2742-55	0.9	83
299	Cutaneous immunomodulation and coordination of skin stress responses by alpha-melanocyte-stimulating hormone. <i>Annals of the New York Academy of Sciences</i> , 1998 , 840, 381-94	6.5	83
298	Mechanism of UV-related carcinogenesis and its contribution to nevi/melanoma. <i>Expert Review of Dermatology</i> , 2007 , 2, 451-469		83
297	UVB Activates Hypothalamic-Pituitary-Adrenal Axis in C57BL/6 Mice. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1638-1648	4.3	82
296	Melatonin, mitochondria, and the skin. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3913-3925	10.3	82
295	Skin as an endocrine organ: implications for its function. <i>Drug Discovery Today Disease Mechanisms</i> , 2008 , 5, 137-144		82
294	The fate of hair follicle melanocytes during the hair growth cycle. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999 , 4, 323-32	1.1	82
293	Ultraviolet radiation regulates cortisol activity in a waveband-dependent manner in human skin ex vivo. <i>British Journal of Dermatology</i> , 2013 , 168, 595-601	4	81
292	Malignant melanoma. <i>Archives of Pathology and Laboratory Medicine</i> , 2001 , 125, 1295-306	5	81
291	Melatonin and the hair follicle. <i>Journal of Pineal Research</i> , 2008 , 44, 1-15	10.4	78
290	2349 The role of interleukin-23 in human melanoma. <i>Journal of Clinical and Translational Science</i> , 2018 , 2, 32-32	0.4	78
289	20,23-dihydroxyvitamin D3, novel P450 _{scc} product, stimulates differentiation and inhibits proliferation and NF-kappaB activity in human keratinocytes. <i>Journal of Cellular Physiology</i> , 2010 , 223, 36-48	7	77
288	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
287	An alternative pathway of vitamin D metabolism. Cytochrome P450 _{scc} (CYP11A1)-mediated conversion to 20-hydroxyvitamin D2 and 17,20-dihydroxyvitamin D2. <i>FEBS Journal</i> , 2006 , 273, 2891-901	5.7	76
286	A novel metabolic pathway of melatonin: oxidation by cytochrome C. <i>Biochemistry</i> , 2005 , 44, 9300-7	3.2	75

285	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	5.1	75
284	Role of the steroidogenic acute regulatory protein in health and disease. <i>Endocrine</i> , 2016 , 51, 7-21	4	73
283	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, 181-92	4.4	73
282	Molecular and functional characterization of novel CRFR1 isoforms from the skin. <i>FEBS Journal</i> , 2004 , 271, 2821-30		72
281	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
280	A nervous breakdown in the skin: stress and the epidermal barrier. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3166-9	15.9	71
279	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
278	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
277	The skin produces urocortin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 815-23	5.6	68
276	Ultraviolet B stimulates production of corticotropin releasing factor (CRF) by human melanocytes. <i>FEBS Letters</i> , 1996 , 399, 175-6	3.8	68
275	Production of 22-hydroxy metabolites of vitamin D3 by cytochrome p450 _{scc} (CYP11A1) and analysis of their biological activities on skin cells. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1577-88	4	65
274	Characterization of the serotonergic system in the C57BL/6 mouse skin. <i>FEBS Journal</i> , 2003 , 270, 3335-44		64
273	Melanocytic matricoma: a report of two cases of a new entity. <i>American Journal of Dermatopathology</i> , 1999 , 21, 344-9	0.9	64
272	Inhibition of melanoma metastases by fenofibrate. <i>Archives of Dermatological Research</i> , 2004 , 296, 54-8	3.3	63
271	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, 109-16		63
270	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. <i>Redox Biology</i> , 2019 , 24, 101206	11.3	62
269	20S-hydroxyvitamin D3, noncalcemic product of CYP11A1 action on vitamin D3, exhibits potent antifibrogenic activity in vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E298-303	5.6	62
268	Cytochrome P450 _{scc} -dependent metabolism of 7-dehydrocholesterol in placenta and epidermal keratinocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 2003-18	5.6	61

267	Stress-linked cortisol concentrations in hair: what we know and what we need to know. <i>Reviews in the Neurosciences</i> , 2011 , 23, 111-21	4.7	61
266	Novel vitamin D hydroxyderivatives inhibit melanoma growth and show differential effects on normal melanocytes. <i>Anticancer Research</i> , 2012 , 32, 3733-42	2.3	61
265	Regulated proenkephalin expression in human skin and cultured skin cells. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 613-22	4.3	59
264	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	4.4	58
263	Metabolism of melatonin in the skin: Why is it important?. <i>Experimental Dermatology</i> , 2017 , 26, 563-568	4	58
262	Role of TRPM in melanocytes and melanoma. <i>Experimental Dermatology</i> , 2012 , 21, 650-4	4	58
261	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, 160-5	4.3	58
260	Decreased VDR expression in cutaneous melanomas as marker of tumor progression: new data and analyses. <i>Anticancer Research</i> , 2014 , 34, 2735-43	2.3	58
259	Metabolism of melatonin by cytochrome P450s in rat liver mitochondria and microsomes. <i>Journal of Pineal Research</i> , 2008 , 45, 515-23	10.4	57
258	UV light and MSH receptors. <i>Annals of the New York Academy of Sciences</i> , 1999 , 885, 100-16	6.5	57
257	20-hydroxyvitamin D ₃ inhibits proliferation of cancer cells with high efficacy while being non-toxic. <i>Anticancer Research</i> , 2012 , 32, 739-46	2.3	57
256	Cutaneous glucocorticosteroidogenesis: securing local homeostasis and the skin integrity. <i>Experimental Dermatology</i> , 2014 , 23, 369-374	4	56
255	Expression of the vitamin D-activating enzyme 1 α -hydroxylase (CYP27B1) decreases during melanoma progression. <i>Human Pathology</i> , 2013 , 44, 374-87	3.7	56
254	Serotonergic system in hamster skin. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 934-42	4.3	56
253	Tryptophan hydroxylase expression in human skin cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003 , 1639, 80-6	6.9	56
252	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, 208-15	3.7	56
251	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
250	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	5.1	55

249	Enzymatic metabolism of ergosterol by cytochrome p450 _{scc} to biologically active 17 α ,24-dihydroxyergosterol. <i>Chemistry and Biology</i> , 2005 , 12, 931-9		55
248	Pleiotropic effects of corticotropin releasing hormone on normal human skin keratinocytes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001 , 37, 50-4	2.6	55
247	Are L-tyrosine and L-dopa hormone-like bioregulators?. <i>Journal of Theoretical Biology</i> , 1990 , 143, 123-38	2.3	55
246	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
245	Cultured human dermal fibroblasts do produce cortisol. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 1177-8	4.3	54
244	Active steroidogenesis in the normal rat skin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000 , 1474, 1-4	4	54
243	Photoprotective Properties of Vitamin D and Lumisterol Hydroxyderivatives. <i>Cell Biochemistry and Biophysics</i> , 2020 , 78, 165-180	3.2	53
242	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, 143-52	4.4	53
241	Neuroendocrinology of the skin: An overview and selective analysis. <i>Dermato-Endocrinology</i> , 2011 , 3, 3-10		52
240	Identification and characterization of two isozymic forms of arylamine N-acetyltransferase in Syrian hamster skin. <i>Journal of Investigative Dermatology</i> , 1993 , 101, 660-5	4.3	52
239	Regulation of Melanogenesis in Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1988 , 1, 79-87		52
238	Chemical synthesis of 20S-hydroxyvitamin D ₃ , which shows antiproliferative activity. <i>Steroids</i> , 2010 , 75, 926-35	2.8	51
237	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, 4114-22	12.9	51
236	Modulation of the human hair follicle pigmentary unit by corticotropin-releasing hormone and urocortin peptides. <i>FASEB Journal</i> , 2006 , 20, 882-95	0.9	51
235	The skin POMC system (SPS). Leads and lessons from the hair follicle. <i>Annals of the New York Academy of Sciences</i> , 1999 , 885, 350-63	6.5	51
234	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	10.4	50
233	Characterization of a new pathway that activates lumisterol in vivo to biologically active hydroxylumisterols. <i>Scientific Reports</i> , 2017 , 7, 11434	4.9	50
232	Photo-conversion of two epimers (20R and 20S) of prena-5,7-diene-3 β , 17 α , 20-triol and their bioactivity in melanoma cells. <i>Steroids</i> , 2009 , 74, 218-28	2.8	50

231	Characterization of a ultraviolet B-induced corticotropin-releasing hormone-proopiomelanocortin system in human melanocytes. <i>Molecular Endocrinology</i> , 2006 , 20, 2539-47		50
230	Corticotropin-releasing hormone stimulates NF-kappaB in human epidermal keratinocytes. <i>Journal of Endocrinology</i> , 2004 , 181, R1-7	4.7	50
229	Corticotropin-releasing hormone induces keratinocyte differentiation in the adult human epidermis. <i>Journal of Cellular Physiology</i> , 2005 , 203, 118-26	7	50
228	Liquid chromatography-mass spectrometry detection of corticotropin-releasing hormone and proopiomelanocortin-derived peptides in human skin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3582-8	5.6	49
227	Pharmacological disruption of hair follicle pigmentation by cyclophosphamide as a model for studying the melanocyte response to and recovery from cytotoxic drug damage in situ. <i>Journal of Investigative Dermatology</i> , 1996 , 106, 1203-11	4.3	49
226	Retinoic acid-related Orphan Receptor (ROR α) connecting sterol metabolism to regulation of the immune system and autoimmune disease. <i>Current Opinion in Toxicology</i> , 2018 , 8, 66-80	4.4	48
225	Skin Exposure to Ultraviolet B Rapidly Activates Systemic Neuroendocrine and Immunosuppressive Responses. <i>Photochemistry and Photobiology</i> , 2017 , 93, 1008-1015	3.6	48
224	Reversing wrinkled skin and hair loss in mice by restoring mitochondrial function. <i>Cell Death and Disease</i> , 2018 , 9, 735	9.8	47
223	Metabolism of progesterone to DOC, corticosterone and 18OHDOC in cultured human melanoma cells. <i>FEBS Letters</i> , 1999 , 455, 364-6	3.8	47
222	Skin histoculture assay for studying the hair cycle. <i>In Vitro Cellular & Developmental Biology</i> , 1992 , 28A, 695-8		47
221	Intracellular calcium measurements of single human skin cells after stimulation with corticotropin-releasing factor and urocortin using confocal laser scanning microscopy. <i>Journal of Cell Science</i> , 2003 , 116, 1261-8	5.3	46
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219	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	7.8	45
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