

Tamás Bárány

List of Publications by Year in descending order

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108
papers

6,215
citations

61984

43
h-index

74163

75
g-index

108
all docs

108
docs citations

108
times ranked

6690
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocannabinoid signaling at the periphery: 50 years after THC. Trends in Pharmacological Sciences, 2015, 36, 277-296.	8.7	524
2	Transient receptor potential channels as therapeutic targets. Nature Reviews Drug Discovery, 2011, 10, 601-620.	46.4	472
3	Frontiers in pruritus research: scratching the brain for more effective itch therapy. Journal of Clinical Investigation, 2006, 116, 1174-1185.	8.2	317
4	Neurophysiological, Neuroimmunological, and Neuroendocrine Basis of Pruritus. Journal of Investigative Dermatology, 2006, 126, 1705-1718.	0.7	231
5	The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities. Trends in Pharmacological Sciences, 2009, 30, 411-420.	8.7	207
6	Cannabidiol exerts sebostatic and antiinflammatory effects on human sebocytes. Journal of Clinical Investigation, 2014, 124, 3713-3724.	8.2	199
7	A Hot New Twist to Hair Biology. American Journal of Pathology, 2005, 166, 985-998.	3.8	179
8	Probing the Effects of Stress Mediators on the Human Hair Follicle. American Journal of Pathology, 2007, 171, 1872-1886.	3.8	164
9	Cannabinoid Signaling in the Skin: Therapeutic Potential of the CB_2 Cannabinoid System. Molecules, 2019, 24, 918.	3.8	134
10	Endocannabinoids enhance lipid synthesis and apoptosis of human sebocytes <i>via</i> cannabinoid receptor CB_2 -mediated signaling. FASEB Journal, 2008, 22, 3685-3695.	0.5	125
11	Endocannabinoids limit excessive mast cell maturation and activation in human skin. Journal of Allergy and Clinical Immunology, 2012, 129, 726-738.e8.	2.9	114
12	Targeting Cannabinoid Signaling in the Immune System: <i>Highly</i> Exciting Questions, Possibilities, and Challenges. Frontiers in Immunology, 2017, 8, 1487.	4.8	111
13	TRPV3: time to decipher a poorly understood family member!. Journal of Physiology, 2014, 592, 295-304.	2.9	108
14	Vanilloid Receptor-1 (VR1) is Widely Expressed on Various Epithelial and Mesenchymal Cell Types of Human Skin. Journal of Investigative Dermatology, 2004, 123, 410-413.	0.7	105
15	Beyond acne: Current aspects of sebaceous gland biology and function. Reviews in Endocrine and Metabolic Disorders, 2016, 17, 319-334.	5.7	105
16	Endocannabinoids Modulate Human Epidermal Keratinocyte Proliferation and Survival via the Sequential Engagement of Cannabinoid Receptor-1 and Transient Receptor Potential Vanilloid-1. Journal of Investigative Dermatology, 2011, 131, 1095-1104.	0.7	102
17	Activation of Transient Receptor Potential Vanilloid-3 Inhibits Human Hair Growth. Journal of Investigative Dermatology, 2011, 131, 1605-1614.	0.7	101
18	Inhibition of human hair follicle growth by endo and exocannabinoids. FASEB Journal, 2007, 21, 3534-3541.	0.5	98

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19	<sc>TRP</sc> channels in the skin. British Journal of Pharmacology, 2014, 171, 2568-2581.	5.4	97
20	TRP channels as novel players in the pathogenesis and therapy of itch. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 1004-1021.	3.8	89
21	A Meeting of Two Chronobiological Systems: Circadian Proteins Period1 and BMAL1 Modulate the Human Hair Cycle Clock. Journal of Investigative Dermatology, 2014, 134, 610-619.	0.7	84
22	Differential effectiveness of selected non-psychoactive phytocannabinoids on human sebocyte functions implicates their introduction in dry/seborrheic skin and acne treatment. Experimental Dermatology, 2016, 25, 701-707.	2.9	84
23	Human Female Hair Follicles Are a Direct, Nonclassical Target for Thyroid-Stimulating Hormone. Journal of Investigative Dermatology, 2009, 129, 1126-1139.	0.7	82
24	PPAR- β -Mediated and Arachidonic Acid-Dependent Signaling Is Involved in Differentiation and Lipid Production of Human Sebocytes. Journal of Investigative Dermatology, 2014, 134, 910-920.	0.7	77
25	Transient Receptor Potential Vanilloid-1 Signaling as a Regulator of Human Sebocyte Biology. Journal of Investigative Dermatology, 2009, 129, 329-339.	0.7	76
26	P-Cadherin Regulates Human Hair Growth and Cycling via Canonical Wnt Signaling and Transforming Growth Factor- β 2. Journal of Investigative Dermatology, 2012, 132, 2332-2341.	0.7	76
27	Hypothalamic-Pituitary-Thyroid Axis Hormones Stimulate Mitochondrial Function and Biogenesis in Human Hair Follicles. Journal of Investigative Dermatology, 2014, 134, 33-42.	0.7	76
28	The endocannabinoid 2-AG controls skeletal muscle cell differentiation via CB1 receptor-dependent inhibition of K _v 7 channels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2472-81.	7.1	75
29	Transient receptor potential vanilloid-1 signaling inhibits differentiation and activation of human dendritic cells. FEBS Letters, 2009, 583, 1619-1624.	2.8	71
30	A Human Folliculoid Microsphere Assay for Exploring Epithelial-Mesenchymal Interactions in the Human Hair Follicle. Journal of Investigative Dermatology, 2009, 129, 972-983.	0.7	70
31	<sc>TRPV</sc>3: a "more than skinny" channel. Experimental Dermatology, 2013, 22, 447-452.	2.9	67
32	Prolactin "a novel neuroendocrine regulator of human keratin expression in situ". FASEB Journal, 2010, 24, 1768-1779.	0.5	63
33	Oxidative Damage Control in a Human (Mini-) Organ: Nrf2 Activation Protects against Oxidative Stress-Induced Hair Growth Inhibition. Journal of Investigative Dermatology, 2017, 137, 295-304.	0.7	62
34	Activation of TRPV3 Regulates Inflammatory Actions of Human Epidermal Keratinocytes. Journal of Investigative Dermatology, 2018, 138, 365-374.	0.7	62
35	"Sebocytes" makeup - Novel mechanisms and concepts in the physiology of the human sebaceous glands. Pflügers Archiv European Journal of Physiology, 2011, 461, 593-606.	2.8	59
36	A novel control of human keratin expression: cannabinoid receptor 1-mediated signaling down-regulates the expression of keratins K6 and K16 in human keratinocytes in vitro and in situ. PeerJ, 2013, 1, e40.	2.0	59

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37	Epithelial-to-Mesenchymal Stem Cell Transition in a Human Organ: Lessons from Lichen Planopilaris. <i>Journal of Investigative Dermatology</i> , 2018, 138, 511-519.	0.7	58
38	Small extracellular vesicles convey the stress-induced adaptive responses of melanoma cells. <i>Scientific Reports</i> , 2019, 9, 15329.	3.3	57
39	Sebocytes differentially express and secrete adipokines. <i>Experimental Dermatology</i> , 2016, 25, 194-199.	2.9	53
40	Sebaceous Gland-Rich Skin Is Characterized by TSLP Expression and Distinct Immune Surveillance Which Is Disturbed in Rosacea. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1114-1125.	0.7	53
41	TRPA1 Acts in a Protective Manner in Imiquimod-Induced Psoriasiform Dermatitis in Mice. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1774-1784.	0.7	51
42	Cannabinoid receptor 1 controls human mucosal-type mast cell degranulation and maturation in situ. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 182-193.e8.	2.9	50
43	In vivo imaging of Aminopeptidase N (CD13) receptors in experimental renal tumors using the novel radiotracer ⁶⁸ Ga-NOTA-c(NGR). <i>European Journal of Pharmaceutical Sciences</i> , 2015, 69, 61-71.	4.0	44
44	Thyrotropin-Releasing Hormone Controls Mitochondrial Biology in Human Epidermis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 978-986.	3.6	43
45	Echinacea purpurea -derived alkylamides exhibit potent anti-inflammatory effects and alleviate clinical symptoms of atopic eczema. <i>Journal of Dermatological Science</i> , 2017, 88, 67-77.	1.9	43
46	Regulation of type I interferon responses by mitochondria-derived reactive oxygen species in plasmacytoid dendritic cells. <i>Redox Biology</i> , 2017, 13, 633-645.	9.0	42
47	Protein kinase C isozymes regulate proliferation and high cell density-mediated differentiation in HaCaT keratinocytes. <i>Experimental Dermatology</i> , 2003, 12, 811-824.	2.9	41
48	Hair Cycle Control by Vanilloid Receptor-1 (TRPV1): Evidence from TRPV1 Knockout Mice. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1909-1912.	0.7	41
49	Melanoma-Derived Exosomes Induce PD-1 Overexpression and Tumor Progression via Mesenchymal Stem Cell Oncogenic Reprogramming. <i>Frontiers in Immunology</i> , 2019, 10, 2459.	4.8	39
50	Thyrotropin powers human mitochondria. <i>FASEB Journal</i> , 2010, 24, 1525-1531.	0.5	38
51	Insulin-like growth factor-I-coupled mitogenic signaling in primary cultured human skeletal muscle cells and in C2C12 myoblasts. A central role of protein kinase C β . <i>Cellular Signalling</i> , 2006, 18, 1461-1472.	3.6	37
52	Rosacea Is Characterized by a Profoundly Diminished Skin Barrier. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1938-1950.e5.	0.7	36
53	Immunotopographical Differences of Human Skin. <i>Frontiers in Immunology</i> , 2018, 9, 424.	4.8	32
54	Inhibition of fatty acid amide hydrolase exerts cutaneous anti-inflammatory effects both <i>in vitro</i> and <i>in vivo</i> . <i>Experimental Dermatology</i> , 2016, 25, 328-330.	2.9	31

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55	Regulatory NLRs Control the RLR-Mediated Type I Interferon and Inflammatory Responses in Human Dendritic Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2314.	4.8	30
56	Human Plasmacytoid and Monocyte-Derived Dendritic Cells Display Distinct Metabolic Profile Upon RIG-I Activation. <i>Frontiers in Immunology</i> , 2018, 9, 3070.	4.8	28
57	Advanced Inhibition of Undesired Human Hair Growth by PPAR β Modulation?. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1128-1131.	0.7	27
58	An "Ice-Cold" TRP to Skin Biology: The Role of TRPA1 in Human Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2096-2099.	0.7	26
59	Targeting Cutaneous Cannabinoid Signaling in Inflammation - A "High" way to Heal?. <i>EBioMedicine</i> , 2017, 16, 3-5.	6.1	26
60	Recent advances in the endocrinology of the sebaceous gland. <i>Dermato-Endocrinology</i> , 2017, 9, e1361576.	1.8	26
61	Transient Receptor Potential Channels and Itch: How Deep Should We Scratch?. <i>Handbook of Experimental Pharmacology</i> , 2015, 226, 89-133.	1.8	23
62	Differential expressions of protein kinase C isozymes during proliferation and differentiation of human skeletal muscle cells in vitro. <i>Acta Neuropathologica</i> , 2000, 99, 96-104.	7.7	22
63	Endocannabinoids Regulate Growth and Survival of Human Eccrine Sweat Gland-Derived Epithelial Cells. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1967-1976.	0.7	22
64	Activation of TRPV3 Inhibits Lipogenesis and Stimulates Production of Inflammatory Mediators in Human Sebocytes: A Putative Contributor to Dry Skin Dermatoses. <i>Journal of Investigative Dermatology</i> , 2019, 139, 250-253.	0.7	22
65	Small Extracellular Vesicles Isolated from Serum May Serve as Signal-Enhancers for the Monitoring of CNS Tumors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5359.	4.1	21
66	Nicotinic acid suppresses sebaceous lipogenesis of human sebocytes via activating hydroxycarboxylic acid receptor 2 (HCAR2). <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6203-6214.	3.6	20
67	TRPV4 Is Expressed in Human Hair Follicles and Inhibits Hair Growth In Vitro. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1385-1388.	0.7	20
68	β 1 Integrin Signaling Maintains Human Epithelial Progenitor Cell Survival In Situ and Controls Proliferation, Apoptosis and Migration of Their Progeny. <i>PLoS ONE</i> , 2013, 8, e84356.	2.5	19
69	The Thyroid Hormone Analogue KB2115 (Eprotirome) Prolongs Human Hair Growth (Anagen) Ex Vivo. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1711-1714.	0.7	18
70	Signaling Lymphocyte Activation Molecule Family 5 Enhances Autophagy and Fine-Tunes Cytokine Response in Monocyte-Derived Dendritic Cells via Stabilization of Interferon Regulatory Factor 8. <i>Frontiers in Immunology</i> , 2018, 9, 62.	4.8	18
71	The Phytocannabinoid (Δ^9 -Cannabidiol Operates as a Complex, Differential Modulator of Human Hair Growth: Anti-Inflammatory Submicromolar versus Hair Growth Inhibitory Micromolar Effects. <i>Journal of Investigative Dermatology</i> , 2020, 140, 484-488.e5.	0.7	18
72	Protein Kinase C Isoforms Have Differential Roles in the Regulation of Human Sebocyte Biology. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1988-1997.	0.7	17

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73	Pituitary Adenylate Cyclase-Activating Polypeptide Is Upregulated in Murine Skin Inflammation and Mediates Transient Receptor Potential Vanilloid-1-Induced Neurogenic Edema. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2209-2218.	0.7	17
74	Endocannabinoid Tone Regulates Human Sebocyte Biology. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1699-1706.	0.7	17
75	Acne: Transient Arrest in the Homeostatic Host-Microbiota Dialog?. <i>Trends in Immunology</i> , 2019, 40, 873-876.	6.8	17
76	Sebaceous gland—a major player in skin homeostasis. <i>Experimental Dermatology</i> , 2015, 24, 485-486.	2.9	14
77	Investigation of Skin Barrier Functions and Allergic Sensitization in Patients with Hyper-IgE Syndrome. <i>Journal of Clinical Immunology</i> , 2015, 35, 681-688.	3.8	14
78	The Channel Physiology of the Skin. , 2012, 163, 65-131.		13
79	Human podocytes express functional thermosensitive TRPV channels. <i>British Journal of Pharmacology</i> , 2017, 174, 4493-4507.	5.4	13
80	Peroxisome Proliferator-Activated Receptor- γ -Mediated Signaling Regulates Mitochondrial Energy Metabolism in Human Hair Follicle Epithelium. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1656-1659.	0.7	13
81	Human epithelial stem cell survival within their niche requires α -tonic cannabinoid receptor 1 signalling—Lessons from the hair follicle. <i>Experimental Dermatology</i> , 2021, 30, 479-493.	2.9	13
82	TRP Channels and Pruritus. <i>Open Pain Journal</i> , 2013, 6, 62-80.	0.4	13
83	NF- κ B Activity Is Required for Anagen Maintenance in Human Hair Follicles In Vitro. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2036-2038.	0.7	12
84	SerpinB2 is involved in cellular response upon UV irradiation. <i>Scientific Reports</i> , 2019, 9, 2753.	3.3	12
85	Mitochondrial energy metabolism is negatively regulated by cannabinoid receptor 1 in intact human epidermis. <i>Experimental Dermatology</i> , 2020, 29, 616-622.	2.9	12
86	Bacterial Sepsis Increases Survival in Metastatic Melanoma: <i>Chlamydomonas</i> Induces Macrophage Polarization and Tumor Regression. <i>Journal of Investigative Dermatology</i> , 2016, 136, 862-865.	0.7	11
87	<i>Bifidobacterium longum</i> extract exerts pro-differentiating effects on human epidermal keratinocytes, in vitro. <i>Experimental Dermatology</i> , 2017, 26, 92-94.	2.9	11
88	Beyond the physico-chemical barrier: Glycerol and xylitol markedly yet differentially alter gene expression profiles and modify signalling pathways in human epidermal keratinocytes. <i>Experimental Dermatology</i> , 2018, 27, 280-284.	2.9	11
89	Raman Spectral Signatures of Serum-Derived Extracellular Vesicle-Enriched Isolates May Support the Diagnosis of CNS Tumors. <i>Cancers</i> , 2021, 13, 1407.	3.7	10
90	Inhibition of TRPC6 by protein kinase C isoforms in cultured human podocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2771-2779.	3.6	9

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91	GPR119 Is a Potent Regulator of Human Sebocyte Biology. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1909-1918.e8.	0.7	9
92	The TRPM3 ion channel mediates nociception but not itch evoked by endogenous pruritogenic mediators. <i>Biochemical Pharmacology</i> , 2021, 183, 114310.	4.4	9
93	Phorbol ester treatment inhibits proliferation and differentiation of cultured human skeletal muscle satellite cells by differentially acting on protein kinase C isoforms. <i>Acta Neuropathologica</i> , 2001, 102, 55-62.	7.7	8
94	Volatile anaesthetics inhibit the thermosensitive nociceptor ion channel transient receptor potential melastatin 3 (TRPM3). <i>Biochemical Pharmacology</i> , 2020, 174, 113826.	4.4	6
95	Hair Follicle Chemosensation: TRPM5 Signaling Is Required for Anagen Maintenance. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2300-2303.	0.7	6
96	Transient receptor potential vanilloid 3 expression is increased in non-lesional skin of atopic dermatitis patients. <i>Experimental Dermatology</i> , 2022, 31, 807-813.	2.9	6
97	MSC-like cells increase ability of monocyte-derived dendritic cells to polarize IL-17-/IL-10-producing T _H cells via CTLA-4. <i>iScience</i> , 2021, 24, 102312.	4.1	5
98	Anandamide Concentration-Dependently Modulates Toll-Like Receptor 3 Agonism or UVB-Induced Inflammatory Response of Human Corneal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7776.	4.1	4
99	Knoevenagel Cyclization Cascade Reactions of Substituted 5,6-Dihydro-2 <i>H</i> -Pyran Derivatives. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6161-6170.	2.4	4
100	Adenosine Promotes Human Hair Growth and Inhibits Catagen Transition In Vitro: Role of the Outer Root Sheath Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1085-1088.e6.	0.7	3
101	Mineralocorticoid Receptor Antagonists Stimulate Human Hair Growth ex vivo. <i>Skin Pharmacology and Physiology</i> , 2019, 32, 344-348.	2.5	2
102	Synthesis and HPLC-ECD Study of Cytostatic Condensed O,N-Heterocycles Obtained from 3-Aminoflavanones. <i>Biomolecules</i> , 2020, 10, 1462.	4.0	2
103	A transactivation switchboard in wound healing. <i>Experimental Dermatology</i> , 2017, 26, 99-100.	2.9	1
104	Season Dependent Changes in the Expression of Protein Kinase C Isoenzymes in a Female Patient with Systemic Lupus Erythematosus. <i>Pathology and Oncology Research</i> , 2019, 25, 801-805.	1.9	1
105	Human sebocytes: the new leptin connection?. <i>British Journal of Dermatology</i> , 2014, 171, 1288-1288.	1.5	0
106	AMPK activation of wound healing. <i>Experimental Dermatology</i> , 2016, 25, 592-593.	2.9	0
107	Message from the Editorial Board of <i>Experimental Dermatology</i> . <i>Experimental Dermatology</i> , 2017, 26, 205-205.	2.9	0
108	THU0352...THE ROLE OF PRURITOGENIC MEDIATORS IN DERMATOMYOSITIS RELATED ITCH. , 2019, , .		0