Balzs Istvn Tth

List of Publications by Year in Descending Order

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

63 papers	2,542 citations	31 h-index	50 g-index
73 ext. papers	2,902 ext. citations	4.1 avg, IF	4.48 L-index

#	Paper	IF	Citations
63	Pruritus: A Sensory Symptom Generated in Cutaneous Immuno-Neuronal Crosstalk.. *Frontiers in Pharmacology*, **2022**, 13, 745658	5.6	0
62	Knoevenagel-Cyclization Cascade Reactions of Substituted 5,6-Dihydro-2 H -Pyran Derivatives. *European Journal of Organic Chemistry*, **2021**, 2021, 6161-6170	3.2	1
61	The TRPM3 ion channel mediates nociception but not itch evoked by endogenous pruritogenic mediators. *Biochemical Pharmacology*, **2021**, 183, 114310	6	3
60	Synthesis and Cell Growth Inhibitory Activity of Six Non-glycosaminoglycan-Type Heparin-Analogue Trisaccharides. *ChemMedChem*, **2021**, 16, 1467-1476	3.7	2
59	TRPM3 in Brain (Patho)Physiology. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 635659	5.7	7
58	Anandamide Concentration-Dependently Modulates Toll-Like Receptor 3 Agonism or UVB-Induced Inflammatory Response of Human Corneal Epithelial Cells. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
57	Synthesis and antiproliferative activity of 6-naphthylpterocarpans. *Organic and Biomolecular Chemistry*, **2020**, 18, 2148-2162	3.9	5
56	Volatile anaesthetics inhibit the thermosensitive nociceptor ion channel transient receptor potential melastatin 3 (TRPM3). *Biochemical Pharmacology*, **2020**, 174, 113826	6	4
55	Adenosine Promotes Human Hair Growth and Inhibits Catagen Transition In Vitro: Role of the Outer Root Sheath Keratinocytes. *Journal of Investigative Dermatology*, **2020**, 140, 1085-1088.e6	4.3	3
54	Synthesis and HPLC-ECD Study of Cytostatic Condensed -Heterocycles Obtained from 3-Aminoflavanones. *Biomolecules*, **2020**, 10,	5.9	1
53	Activation of TRPV3 Inhibits Lipogenesis and Stimulates Production of Inflammatory Mediators in Human Sebocytes-A Putative Contributor to Dry Skin Dermatoses. *Journal of Investigative Dermatology*, **2019**, 139, 250-253	4.3	16
52	TRPA1 Acts in a Protective Manner in Imiquimod-Induced Psoriasiform Dermatitis in Mice. *Journal of Investigative Dermatology*, **2018**, 138, 1774-1784	4.3	34
51	Endogenous Factors That Can Influence Skin pH. *Current Problems in Dermatology*, **2018**, 54, 54-63		2
50	Human podocytes express functional thermosensitive TRPV channels. *British Journal of Pharmacology*, **2017**, 174, 4493-4507	8.6	11
49	Recent advances in the endocrinology of the sebaceous gland. *Dermato-Endocrinology*, **2017**, 9, e1361576		17
48	Phosphoinositide regulation of TRPM channels - TRPM3 joins the club!. *Channels*, **2016**, 10, 83-5	3	4
47	Definition of two agonist types at the mammalian cold-activated channel TRPM8. *ELife*, **2016**, 5,	8.9	15

46	Regulation of the transient receptor potential channel TRPM3 by phosphoinositides. *Journal of General Physiology*, **2015**, 146, 51-63	3.4	41
45	Transient Receptor Potential Dysfunctions in Hereditary Diseases **2015**, 13-33		3
44	Restoration of progranulin expression rescues cortical neuron generation in an induced pluripotent stem cell model of frontotemporal dementia. *Stem Cell Reports*, **2015**, 4, 16-24	8	51
43	Transient receptor potential channels and itch: how deep should we scratch?. *Handbook of Experimental Pharmacology*, **2015**, 226, 89-133	3.2	18
42	Opening of an alternative ion permeation pathway in a nociceptor TRP channel. *Nature Chemical Biology*, **2014**, 10, 188-95	11.7	64
41	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	4.3	59
40	PPARmediated and arachidonic acid-dependent signaling is involved in differentiation and lipid production of human sebocytes. *Journal of Investigative Dermatology*, **2014**, 134, 910-920	4.3	56
39	TRP channels in the skin. *British Journal of Pharmacology*, **2014**, 171, 2568-81	8.6	75
38	Cannabidiol exerts sebostatic and antiinflammatory effects on human sebocytes. *Journal of Clinical Investigation*, **2014**, 124, 3713-24	15.9	138
37	The in vitro treatment with vitamin D3 is ineffective on the expression of PKC isoenzymes, but decreases further the impaired production of IL-2 in the T lymphocytes of SLE patients. *Rheumatology International*, **2014**, 34, 717-20	3.6	7
36	Transient receptor potential vanilloid-2 mediates the effects of transient heat shock on endocytosis of human monocyte-derived dendritic cells. *FEBS Letters*, **2013**, 587, 1440-5	3.8	27
35	TRP Channels and Pruritus. *Open Pain Journal*, **2013**, 6, 62-80	0.3	13
34	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	3.1	40
33	Early cardiac dysfunction is rescued by upregulation of SERCA2a pump activity in a rat model of metabolic syndrome. *Acta Physiologica*, **2012**, 205, 381-93	5.6	17
32	The neuropeptide galanin is a novel inhibitor of human hair growth. *British Journal of Dermatology*, **2012**, 167, 10-6	4	12
31	Endocannabinoids limit excessive mast cell maturation and activation in human skin. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 726-738.e8	11.5	94
30	Endocannabinoids regulate growth and survival of human eccrine sweat gland-derived epithelial cells. *Journal of Investigative Dermatology*, **2012**, 132, 1967-76	4.3	18
29	Thyrotropin-releasing hormone controls mitochondrial biology in human epidermis. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 978-86	5.6	33

28	Different effects of bortezomib on the expressions of various protein kinase C isoenzymes in T cells of patients with systemic lupus erythematosus and in Jurkat cells. *Scandinavian Journal of Immunology*, **2012**, 75, 243-8	3.4	3
27	Protein kinase C isoforms have differential roles in the regulation of human sebocyte biology. *Journal of Investigative Dermatology*, **2012**, 132, 1988-97	4.3	14
26	"SebocytesRmakeup": novel mechanisms and concepts in the physiology of the human sebaceous glands. *Pflugers Archiv European Journal of Physiology*, **2011**, 461, 593-606	4.6	50
25	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, 1095-104	4.3	74
24	Activation of transient receptor potential vanilloid-3 inhibits human hair growth. *Journal of Investigative Dermatology*, **2011**, 131, 1605-14	4.3	77
23	Prolactin--a novel neuroendocrine regulator of human keratin expression in situ. *FASEB Journal*, **2010**, 24, 1768-79	0.9	53
22	Upregulation of transient receptor potential vanilloid type-1 receptor expression in oral lichen planus. *NeuroImmunoModulation*, **2010**, 17, 103-8	2.5	12
21	RasGRP3 contributes to formation and maintenance of the prostate cancer phenotype. *Cancer Research*, **2010**, 70, 7905-17	10.1	37
20	Hearts of surviving MLP-KO mice show transient changes of intracellular calcium handling. *Molecular and Cellular Biochemistry*, **2010**, 342, 251-60	4.2	9
19	Transient receptor potential vanilloid-1 signaling inhibits differentiation and activation of human dendritic cells. *FEBS Letters*, **2009**, 583, 1619-24	3.8	58
18	Increased expressions of cannabinoid receptor-1 and transient receptor potential vanilloid-1 in human prostate carcinoma. *Journal of Cancer Research and Clinical Oncology*, **2009**, 135, 507-14	4.9	80
17	Transient receptor potential vanilloid-1 signaling as a regulator of human sebocyte biology. *Journal of Investigative Dermatology*, **2009**, 129, 329-39	4.3	58
16	Increased expression of TRPV1 in squamous cell carcinoma of the human tongue. *Oral Diseases*, **2009**, 15, 328-35	3.5	43
15	Protein kinase C isoenzymes differentially regulate the differentiation-dependent expression of adhesion molecules in human epidermal keratinocytes. *Experimental Dermatology*, **2009**, 18, 122-9	4	17
14	The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities. *Trends in Pharmacological Sciences*, **2009**, 30, 411-20	13.2	165
13	Protein kinase C protects from DNA damage-induced necrotic cell death by inhibiting poly(ADP-ribose) polymerase-1. *FEBS Letters*, **2008**, 582, 1672-8	3.8	23
12	Endocannabinoids enhance lipid synthesis and apoptosis of human sebocytes via cannabinoid receptor-2-mediated signaling. *FASEB Journal*, **2008**, 22, 3685-95	0.9	111
11	The analgesic drug, tramadol, acts as an agonist of the transient receptor potential vanilloid-1. *Anesthesia and Analgesia*, **2008**, 106, 1890-6	3.9	44

10	Investigation of micronized titanium dioxide penetration in human skin xenografts and its effect on cellular functions of human skin-derived cells. *Experimental Dermatology*, **2008**, 17, 659-67	4	97
9	Protein kinase C-beta and -delta isoenzymes promote arachidonic acid production and proliferation of MonoMac-6 cells. *Journal of Molecular Medicine*, **2007**, 85, 1031-42	5.5	12
8	Inhibition of human hair follicle growth by endo- and exocannabinoids. *FASEB Journal*, **2007**, 21, 3534-41	10.9	75
7	TRP channels as novel players in the pathogenesis and therapy of itch. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2007**, 1772, 1004-21	6.9	68
6	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 Cdelta. *Cellular Signalling*, **2006**, 18, 1461-72	4.9	32
5	Effects of sex hormones on ECG parameters and expression of cardiac ion channels in dogs. *Acta Physiologica*, **2006**, 188, 163-71	5.6	53
4	Differences in purinergic and voltage-dependent signalling during protein kinase Calpha overexpression- and culturing-induced differentiation of C2C12 myoblasts. *Journal of Muscle Research and Cell Motility*, **2006**, 27, 617-30	3.5	8
3	A hot new twist to hair biology: involvement of vanilloid receptor-1 (VR1/TRPV1) signaling in human hair growth control. *American Journal of Pathology*, **2005**, 166, 985-98	5.8	159
2	Asymmetrical distribution of ion channels in canine and human left-ventricular wall: epicardium versus midmyocardium. *Pflugers Archiv European Journal of Physiology*, **2005**, 450, 307-16	4.6	94
1	Apico-basal inhomogeneity in distribution of ion channels in canine and human ventricular myocardium. *Cardiovascular Research*, **2005**, 65, 851-60	9.9	124