Kata BÃ¶lcskei

List of Publications by Year
in descending order

29	954	516710 16	501196 28
papers	citations	h-index	g-index

29	29	29	1380
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of the role of TRPV1 receptors in acute and chronic nociceptive processes using gene-deficient mice. Pain, 2005, 117, 368-376.	4.2	217
2	Mechanisms of Botulinum Toxin Type A Action on Pain. Toxins, 2019, 11, 459.	3.4	123
3	Capsaicin-sensitive sensory nerves exert complex regulatory functions in the serum-transfer mouse model of autoimmune arthritis. Brain, Behavior, and Immunity, 2015, 45, 50-59.	4.1	59
4	Neutrophil elastase induces inflammation and pain in mouse knee joints via activation of proteinaseâ€activated receptorâ€2. British Journal of Pharmacology, 2016, 173, 766-777.	5.4	57
5	TRPA1 deficiency is protective in cuprizone-induced demyelination-A new target against oligodendrocyte apoptosis. Glia, 2016, 64, 2166-2180.	4.9	50
6	Involvement of substance P in the antinociceptive effect of botulinum toxin type A: Evidence from knockout mice. Neuroscience, 2017, 358, 137-145.	2.3	43
7	Preformulation studies and optimization of sodium alginate based floating drug delivery system for eradication of Helicobacter pylori. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 196-206.	4.3	42
8	Utility of different outcome measures for the nitroglycerin model of migraine in mice. Journal of Pharmacological and Toxicological Methods, 2016, 77, 33-44.	0.7	41
9	Behavioural alterations and morphological changes are attenuated by the lack of TRPA1 receptors in the cuprizone-induced demyelination model in mice. Journal of Neuroimmunology, 2018, 320, 1-10.	2.3	41
10	Somatostatin receptor subtype 4 activation is involved in anxiety and depression-like behavior in mouse models. Neuropharmacology, 2016, 101, 204-215.	4.1	40
11	Expression and Activity of TRPA1 and TRPV1 in the Intervertebral Disc: Association with Inflammation and Matrix Remodeling. International Journal of Molecular Sciences, 2019, 20, 1767.	4.1	27
12	Heat injury-induced drop of the noxious heat threshold measured with an increasing-temperature water bath: A novel rat thermal hyperalgesia model. European Journal of Pharmacology, 2007, 564, 80-87.	3.5	26
13	Glial cell type-specific changes in spinal dipeptidyl peptidase 4 expression and effects of its inhibitors in inflammatory and neuropatic pain. Scientific Reports, 2018, 8, 3490.	3.3	26
14	Transcriptional Alterations in the Trigeminal Ganglia, Nucleus and Peripheral Blood Mononuclear Cells in a Rat Orofacial Pain Model. Frontiers in Molecular Neuroscience, 2018, 11, 219.	2.9	24
15	Analgesic effects of the novel semicarbazide-sensitive amine oxidase inhibitor SZV 1287 in mouse pain models with neuropathic mechanisms: Involvement of transient receptor potential vanilloid 1 and ankyrin 1 receptors. Pharmacological Research, 2018, 131, 231-243.	7.1	19
16	Evidence for a novel, neurohumoral antinociceptive mechanism mediated by peripheral capsaicin-sensitive nociceptors in conscious rats. Neuropeptides, 2017, 62, 1-10.	2.2	18
17	Identification of disease- and headache-specific mediators and pathways in migraine using blood transcriptomic and metabolomic analysis. Journal of Headache and Pain, 2021, 22, 117.	6.0	17
18	Hemokinin-1 Gene Expression Is Upregulated in Trigeminal Ganglia in an Inflammatory Orofacial Pain Model: Potential Role in Peripheral Sensitization. International Journal of Molecular Sciences, 2020, 21, 2938.	4.1	16

#	Article	IF	Citations
19	Hydrophobic cyanine dye-doped micelles for optical in vivo imaging of plasma leakage and vascular disruption. Journal of Biomedical Optics, 2015, 20, 1.	2.6	14
20	TRPA1 Ion Channel Determines Beneficial and Detrimental Effects of GYY4137 in Murine Serum-Transfer Arthritis. Frontiers in Pharmacology, 2019, 10, 964.	3.5	13
21	Noxious heat threshold temperature and pronociceptive effects of allyl isothiocyanate (mustard oil) in TRPV1 or TRPA1 gene-deleted mice. Life Sciences, 2016, 154, 66-74.	4.3	10
22	Impairment of microcirculation and vascular responsiveness in adolescents with primary Raynaud phenomenon. Pediatric Rheumatology, 2018, 16, 20.	2.1	10
23	Dimethyl Trisulfide Diminishes Traumatic Neuropathic Pain Acting on TRPA1 Receptors in Mice. International Journal of Molecular Sciences, 2021, 22, 3363.	4.1	8
24	PACAP-38 Induces Transcriptomic Changes in Rat Trigeminal Ganglion Cells Related to Neuroinflammation and Altered Mitochondrial Function Presumably via PAC1/VPAC2 Receptor-Independent Mechanism. International Journal of Molecular Sciences, 2022, 23, 2120.	4.1	5
25	Effects of Reference Analgesics and Psychoactive Drugs on the Noxious Heat Threshold of Mice Measured by an Increasingâ€Temperature Water Bath. Basic and Clinical Pharmacology and Toxicology, 2013, 113, 385-390.	2.5	4
26	A Central Role for TRPM4 in Ca2+-Signal Amplification and Vasoconstriction. International Journal of Molecular Sciences, 2022, 23, 1465.	4.1	2
27	The fluorescent dye 3,3â€²-diethylthiatricarbocyanine iodide is unsuitable for in vivo imaging of myelination in the mouse. Brain Research Bulletin, 2020, 156, 10-14.	3.0	1
28	Capsaicin-Sensitive Peptidergic Sensory Nerves Are Anti-Inflammatory Gatekeepers in the Hyperacute Phase of a Mouse Rheumatoid Arthritis Model. International Journal of Molecular Sciences, 2021, 22, 1682.	4.1	1
29	CHARACTERIZATION OF EXPRESSION PATTERN OF SOMATOSTATIN 4 RECEPTOR IN THE MOUSE BRAIN. FASEB Journal, 2019, 33, lb87.	0.5	0