

Dusan Matusica

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

757
citations

516561

16
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamin regulates L cell secretion in human gut. <i>Molecular and Cellular Endocrinology</i> , 2021, 535, 111398.	1.6	5
2	Clodronate Treatment Prevents Vaginal Hypersensitivity in a Mouse Model of Vestibulodynia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 784972.	1.8	3
3	Immortalized Dorsal Root Ganglion Neuron Cell Lines. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 184.	1.8	32
4	Differentiation of the 50B11 dorsal root ganglion cells into NGF and GDNF responsive nociceptor subtypes. <i>Molecular Pain</i> , 2020, 16, 174480692097036.	1.0	0
5	Human Dorsal Root Ganglia. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 271.	1.8	150
6	Emerging Evidence of Macrophage Contribution to Hyperinnervation and Nociceptor Sensitization in Vulvodynia. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 186.	1.4	13
7	Peptidergic nerve fibers in the urethra: Morphological and neurochemical characteristics in female mice of reproductive age. <i>Neurourology and Urodynamics</i> , 2018, 37, 960-970.	0.8	14
8	Regulator of Calcineurin 1 helps coordinate whole-body metabolism and thermogenesis. <i>EMBO Reports</i> , 2018, 19, .	2.0	30
9	Morphological and neurochemical differences in peptidergic nerve fibers of the mouse vagina. <i>Journal of Comparative Neurology</i> , 2017, 525, 2394-2410.	0.9	10
10	G-Protein-Coupled Inwardly Rectifying Potassium (GIRK) Channel Activation by the p75 Neurotrophin Receptor Is Required for Amyloid β Toxicity. <i>Frontiers in Neuroscience</i> , 2017, 11, 455.	1.4	19
11	Sphingosine-1-Phosphate and the S1P3 Receptor Initiate Neuronal Retraction via RhoA/ROCK Associated with CRMP2 Phosphorylation. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 317.	1.4	31
12	Inhibition of motor neuron death <i>in vitro</i> and <i>in vivo</i> by a p75 neurotrophin receptor intracellular domain fragment. <i>Journal of Cell Science</i> , 2016, 129, 517-30.	1.2	23
13	Sphingosine kinase 2-deficiency mediated changes in spinal pain processing. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 29.	1.4	15
14	Sphingosine kinase 1 in murine dorsal root ganglia. <i>AIMS Molecular Science</i> , 2015, 2, 22-33.	0.3	1
15	Non-viral gene therapy that targets motor neurons <i>in vivo</i> . <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 80.	1.4	20
16	Local versus long-range neurotrophin receptor signalling: Endosomes are not just carriers for axonal transport. <i>Seminars in Cell and Developmental Biology</i> , 2014, 31, 57-63.	2.3	18
17	An Intracellular Domain Fragment of the p75 Neurotrophin Receptor (p75NTR) Enhances Tropomyosin Receptor Kinase A (TrkA) Receptor Function. <i>Journal of Biological Chemistry</i> , 2013, 288, 11144-11154.	1.6	38
18	The Effects of Transmembrane Sequence and Dimerization on Cleavage of the p75 Neurotrophin Receptor by β -Secretase. <i>Journal of Biological Chemistry</i> , 2012, 287, 43810-43824.	1.6	45

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19	Mapping of the Interaction Site between Sortilin and the p75 Neurotrophin Receptor Reveals a Regulatory Role for the Sortilin Intracellular Domain in p75 Neurotrophin Receptor Shedding and Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 43798-43809.	1.6	47
20	Proteolytic processing of the p75 neurotrophin receptor: A prerequisite for signalling?. <i>BioEssays</i> , 2012, 34, 521-521.	1.2	0
21	Proteolytic processing of the p75 neurotrophin receptor: A prerequisite for signalling?. <i>BioEssays</i> , 2011, 33, 614-625.	1.2	89
22	ProNGF mediates death of Natural Killer cells through activation of the p75NTR-sortilin complex. <i>Journal of Neuroimmunology</i> , 2010, 226, 93-103.	1.1	41
23	The Human G93A-Superoxide Dismutase-1 Mutation, Mitochondrial Glutathione and Apoptotic Cell Death. <i>Neurochemical Research</i> , 2009, 34, 1847-1856.	1.6	29
24	Characterization and use of the NSC34 cell line for study of neurotrophin receptor trafficking. <i>Journal of Neuroscience Research</i> , 2008, 86, 553-565.	1.3	56
25	Functional monoclonal antibodies to p75 neurotrophin receptor raised in knockout mice. <i>Journal of Neuroscience Methods</i> , 2006, 158, 109-120.	1.3	28