

Srdjan M Vlajkovic

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,382
citations

279701

23
h-index

377752

34
g-index

59
all docs

59
docs citations

59
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation of the ATP-gated P2X ₂ receptor leads to progressive hearing loss and increased susceptibility to noise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2228-2233.	3.3	119
2	Characterisation of cochlear inflammation in mice following acute and chronic noise exposure. <i>Histochemistry and Cell Biology</i> , 2016, 146, 219-230.	0.8	116
3	ATP-gated ion channels mediate adaptation to elevated sound levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7494-7499.	3.3	100
4	Evidence for alternative splicing of ecto-ATPase associated with termination of purinergic transmission. <i>Molecular Brain Research</i> , 1999, 73, 85-92.	2.5	49
5	Adenosine and the Auditory System. <i>Current Neuropharmacology</i> , 2009, 7, 246-256.	1.4	46
6	Noise-induced changes in expression levels of NADPH oxidases in the cochlea. <i>Hearing Research</i> , 2013, 304, 145-152.	0.9	46
7	Differential distribution of adenosine receptors in rat cochlea. <i>Cell and Tissue Research</i> , 2007, 328, 461-471.	1.5	44
8	Kölliker's Organ and the Development of Spontaneous Activity in the Auditory System: Implications for Hearing Dysfunction. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	44
9	Differential expression of P2Y receptors in the rat cochlea during development. <i>Purinergic Signalling</i> , 2010, 6, 231-248.	1.1	39
10	The pharmacology and kinetics of ecto-nucleotidases in the perilymphatic compartment of the guinea-pig cochlea. <i>Hearing Research</i> , 1998, 117, 71-80.	0.9	38
11	Post exposure administration of A1 adenosine receptor agonists attenuates noise-induced hearing loss. <i>Hearing Research</i> , 2010, 260, 81-88.	0.9	38
12	ATP-gated ion channels assembled from P2X2 receptor subunits in the mouse cochlea. <i>NeuroReport</i> , 2002, 13, 1979-1984.	0.6	37
13	Reduced P2x2 receptor-mediated regulation of endocochlear potential in the ageing mouse cochlea. <i>Purinergic Signalling</i> , 2010, 6, 263-272.	1.1	36
14	Distribution of ectonucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <i>Hearing Research</i> , 2002, 170, 127-138.	0.9	35
15	NTPDase1 and NTPDase2 Immunolocalization in Mouse Cochlea: Implications for Regulation of P2 Receptor Signaling. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 1435-1441.	1.3	34
16	Noise-induced up-regulation of NTPDase3 expression in the rat cochlea: Implications for auditory transmission and cochlear protection. <i>Brain Research</i> , 2006, 1104, 55-63.	1.1	32
17	Adenosine amine congener mitigates noise-induced cochlear injury. <i>Purinergic Signalling</i> , 2010, 6, 273-281.	1.1	32
18	Adenosine kinase inhibition in the cochlea delays the onset of age-related hearing loss. <i>Experimental Gerontology</i> , 2011, 46, 905-914.	1.2	32

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19	Ectonucleotidase activity in the perilymphatic compartment of the guinea pig cochlea. <i>Hearing Research</i> , 1996, 99, 31-37.	0.9	29
20	C-terminal splicing of NTPDase2 provides distinctive catalytic properties, cellular distribution and enzyme regulation. <i>Biochemical Journal</i> , 2005, 385, 729-736.	1.7	29
21	Markers of cochlear inflammation using MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 150-161.	1.9	28
22	Potential Role of Purinergic Signalling in Cochlear Pathology. <i>Audiology and Neuro-Otology</i> , 2002, 7, 180-184.	0.6	27
23	Adenosine receptors regulate susceptibility to noise-induced neural injury in the mouse cochlea and hearing loss. <i>Hearing Research</i> , 2017, 345, 43-51.	0.9	27
24	Putative role of border cells in generating spontaneous morphological activity within KÄ¶lliker's organ. <i>Hearing Research</i> , 2015, 330, 90-97.	0.9	19
25	Molecular identification and localization of P2X receptors in the rat lens. <i>Experimental Eye Research</i> , 2008, 86, 844-855.	1.2	17
26	Regulator of G Protein Signalling 4 (RGS4) as a Novel Target for the Treatment of Sensorineural Hearing Loss. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3.	1.8	17
27	Developmentally regulated expression of ectonucleotidases NTPDase5 and NTPDase6 and UDP-responsive P2Y receptors in the rat cochlea. <i>Histochemistry and Cell Biology</i> , 2010, 133, 425-436.	0.8	16
28	The Link between Gut Dysbiosis Caused by a High-Fat Diet and Hearing Loss. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13177.	1.8	16
29	Age-Related Hearing Loss: The Link between Inflammaging, Immunosenescence, and Gut Dysbiosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7348.	1.8	16
30	Asymmetrical Modulation of Immune Reactivity in Left- and Right-Biased Rats After Ipsilateral Ablation of the Prefrontal, Parietal and Occipital Brain Neocortex. <i>International Journal of Neuroscience</i> , 1994, 78, 123-134.	0.8	14
31	Adenosine Amine Congener as a Cochlear Rescue Agent. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	14
32	Properties of ATP-gated ion channels assembled from P2X2 subunits in mouse cochlear Reissnerâ€™s membrane epithelial cells. <i>Purinergic Signalling</i> , 2015, 11, 551-560.	1.1	14
33	Distribution of NTPDase5 and NTPDase6 and the regulation of P2Y receptor signalling in the rat cochlea. <i>Purinergic Signalling</i> , 2010, 6, 249-261.	1.1	13
34	Inhibition of the Adenosine A2A Receptor Mitigates Excitotoxic Injury in Organotypic Tissue Cultures of the Rat Cochlea. <i>Cells</i> , 2019, 8, 877.	1.8	13
35	Self-stimulation behavior: Consequences upon immunity?. <i>Brain, Behavior, and Immunity</i> , 1990, 4, 255-264.	2.0	12
36	Brain Self-Stimulation and Immunity: Effect on Humoral and Cell-Mediated Immune Responses. <i>International Journal of Neuroscience</i> , 1993, 69, 235-250.	0.8	12

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37	Purinergic Signaling and Aminoglycoside Ototoxicity: The Opposing Roles of P1 (Adenosine) and P2 (ATP) Receptors on Cochlear Hair Cell Survival. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 207.	1.8	12
38	Molecular Mechanisms of Sensorineural Hearing Loss and Development of Inner Ear Therapeutics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5647.	1.8	11
39	Role of adenosine kinase in cochlear development and response to noise. <i>Journal of Neuroscience Research</i> , 2010, 88, 2598-2609.	1.3	9
40	Expression and distribution of creatine transporter and creatine kinase (brain isoform) in developing and mature rat cochlear tissues. <i>Histochemistry and Cell Biology</i> , 2012, 137, 599-613.	0.8	9
41	Nucleoside transporter expression and adenosine uptake in the rat cochlea. <i>NeuroReport</i> , 2007, 18, 235-239.	0.6	8
42	Differential membrane redistribution of P2X receptor isoforms in response to osmotic and hyperglycemic stress in the rat lens. <i>Histochemistry and Cell Biology</i> , 2009, 131, 667-680.	0.8	8
43	Istradefylline Mitigates Age-Related Hearing Loss in C57BL/6J Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8000.	1.8	8
44	The Association of Inflammatory Gut Diseases with Neuroinflammatory and Auditory Disorders. <i>Frontiers in Bioscience - Elite</i> , 2022, 14, 8.	0.9	8
45	Activation-dependent trafficking of NTPDase2 in Chinese hamster ovary cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 810-817.	1.2	7
46	Dopamine Dysregulation and Altered Responses to Drugs Affecting Dopaminergic Transmission in a New Dopamine Transporter Knockout (DAT-KO) Rat Model. <i>Neuroscience</i> , 2022, 491, 43-64.	1.1	7
47	Hair cell specific NTPDase6 immunolocalisation in vestibular end organs: Potential role of purinergic signaling in vestibular sensory transduction. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2012, 22, 213-219.	0.8	6
48	Preservation of cochlear function in Cd39 deficient mice. <i>Hearing Research</i> , 2009, 253, 77-82.	0.9	5
49	A High-Fat Diet Induces Low-Grade Cochlear Inflammation in CD-1 Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5179.	1.8	5
50	Experimental Epilepsy: Electrically and Chemically Induced Convulsions Modulate Experimental Allergic Encephalomyelitis and Other Immune Inflammatory Reactions in the Rat. <i>International Journal of Neuroscience</i> , 1990, 54, 165-172.	0.8	4
51	Preventing Hearing Loss and Restoring Hearing: A New Outlook. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	4
52	Differential spread of anoxic depolarization contributes to the pattern of neuronal injury after oxygen and glucose deprivation (OGD) in the Substantia Nigra in rat brain slices. <i>Neuroscience</i> , 2017, 340, 359-372.	1.1	4
53	Pharmacokinetic Properties of Adenosine Amine Congener in Cochlear Perilymph after Systemic Administration. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	4
54	Resistance to neomycin ototoxicity in the extreme basal (hook) region of the mouse cochlea. <i>Histochemistry and Cell Biology</i> , 2018, 150, 281-289.	0.8	4

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55	Experimental Epilepsy: Electroconvulsive Shock Induces Production of Anti-Brain Autoantibody. International Journal of Neuroscience, 1990, 51, 319-320.	0.8	2
56	Evidence for Ectonucleotidases in the Guinea-Pig Cochlea. , 1997, , 15-19.		2
57	Second meeting of the Australian and New Zealand Purine Club. Purinergic Signalling, 2022, 18, 385-386.	1.1	1
58	The Link between Hidden Hearing Loss and Cognitive Decline. , 0, 3, .		0