# Srdjan M Vlajkovic

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | The Association of Inflammatory Gut Diseases with Neuroinflammatory and Auditory Disorders. Frontiers in Bioscience - Elite, 2022, 14, 8. | 0.9 | 8 |
| 2 | Dopamine Dysregulation and Altered Responses to Drugs Affecting Dopaminergic Transmission in a New Dopamine Transporter Knockout (DAT-KO) Rat Model. Neuroscience, 2022, 491, 43-64. | 1.1 | 7 |
| 3 | Second meeting of the Australian and New Zealand Purine Club. Purinergic Signalling, 2022, 18, 385-386. | 1.1 | 1 |
| 4 | A High-Fat Diet Induces Low-Grade Cochlear Inflammation in CD-1 Mice. International Journal of Molecular Sciences, 2022, 23, 5179. | 1.8 | 5 |
| 5 | Age-Related Hearing Loss: The Link between Inflammaging, Immunosenescence, and Gut Dysbiosis. International Journal of Molecular Sciences, 2022, 23, 7348. | 1.8 | 16 |
| 6 | Molecular Mechanisms of Sensorineural Hearing Loss and Development of Inner Ear Therapeutics. International Journal of Molecular Sciences, 2021, 22, 5647. | 1.8 | 11 |
| 7 | Istradefylline Mitigates Age-Related Hearing Loss in C57BL/6J Mice. International Journal of Molecular Sciences, 2021, 22, 8000. | 1.8 | 8 |
| 8 | Regulator of G Protein Signalling 4 (RGS4) as a Novel Target for the Treatment of Sensorineural Hearing Loss. International Journal of Molecular Sciences, 2021, 22, 3. | 1.8 | 17 |
| 9 | The Link between Gut Dysbiosis Caused by a High-Fat Diet and Hearing Loss. International Journal of Molecular Sciences, 2021, 22, 13177. | 1.8 | 16 |
| 10 | Inhibition of the Adenosine A2A Receptor Mitigates Excitotoxic Injury in Organotypic Tissue Cultures of the Rat Cochlea. Cells, 2019, 8, 877. | 1.8 | 13 |
| 11 | Purinergic Signaling and Aminoglycoside Ototoxicity: The Opposing Roles of P1 (Adenosine) and P2 (ATP) Receptors on Cochlear Hair Cell Survival. Frontiers in Cellular Neuroscience, 2019, 13, 207. | 1.8 | 12 |
| 12 | Resistance to neomycin ototoxicity in the extreme basal (hook) region of the mouse cochlea. Histochemistry and Cell Biology, 2018, 150, 281-289. | 0.8 | 4 |
| 13 | Adenosine receptors regulate susceptibility to noise-induced neural injury in the mouse cochlea and hearing loss. Hearing Research, 2017, 345, 43-51. | 0.9 | 27 |
| 14 | 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. Neuroscience, 2017, 340, 359-372. | 1.1 | 4 |
| 15 | Pharmacokinetic Properties of Adenosine Amine Congener in Cochlear Perilymph after Systemic Administration. BioMed Research International, 2017, 2017, 1-8. | 0.9 | 4 |
| 16 | Characterisation of cochlear inflammation in mice following acute and chronic noise exposure. Histochemistry and Cell Biology, 2016, 146, 219-230. | 0.8 | 116 |
| 17 | Preventing Hearing Loss and Restoring Hearing: A New Outlook. BioMed Research International, 2015, 2015, 1-2. | 0.9 | 4 |
| 18 | Putative role of border cells in generating spontaneous morphological activity within KÃ¶lliker's organ. Hearing Research, 2015, 330, 90-97. | 0.9 | 19 |

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|---|---|---|---|
| 19 | Properties of ATP-gated ion channels assembled from P2X2 subunits in mouse cochlear Reissnerâ€™s membrane epithelial cells. Purinergic Signalling, 2015, 11, 551-560. | 1.1 | 14 |
| 20 | KÃ¶llikerâ€™s Organ and the Development of Spontaneous Activity in the Auditory System: Implications for Hearing Dysfunction. BioMed Research International, 2014, 2014, 1-8. | 0.9 | 44 |
| 21 | Adenosine Amine Congener as a Cochlear Rescue Agent. BioMed Research International, 2014, 2014, 1-10. | 0.9 | 14 |
| 22 | Markers of cochlear inflammation using MRI. Journal of Magnetic Resonance Imaging, 2014, 39, 150-161. | 1.9 | 28 |
| 23 | Noise-induced changes in expression levels of NADPH oxidases in the cochlea. Hearing Research, 2013, 304, 145-152. | 0.9 | 46 |
| 24 | ATP-gated ion channels mediate adaptation to elevated sound levels. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7494-7499. | 3.3 | 100 |
| 25 | Mutation of the ATP-gated P2X <sub>2</sub> receptor leads to progressive hearing loss and increased susceptibility to noise. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2228-2233. | 3.3 | 119 |
| 26 | Hair cell specific NTPDase6 immunolocalisation in vestibular end organs: Potential role of purinergic signaling in vestibular sensory transduction. Journal of Vestibular Research: Equilibrium and Orientation, 2012, 22, 213-219. | 0.8 | 6 |
| 27 | Expression and distribution of creatine transporter and creatine kinase (brain isoform) in developing and mature rat cochlear tissues. Histochemistry and Cell Biology, 2012, 137, 599-613. | 0.8 | 9 |
| 28 | Adenosine kinase inhibition in the cochlea delays the onset of age-related hearing loss. Experimental Gerontology, 2011, 46, 905-914. | 1.2 | 32 |
| 29 | Developmentally regulated expression of ectonucleotidases NTPDase5 and NTPDase6 and UDP-responsive P2Y receptors in the rat cochlea. Histochemistry and Cell Biology, 2010, 133, 425-436. | 0.8 | 16 |
| 30 | Adenosine amine congener mitigates noise-induced cochlear injury. Purinergic Signalling, 2010, 6, 273-281. | 1.1 | 32 |
| 31 | Distribution of NTPDase5 and NTPDase6 and the regulation of P2Y receptor signalling in the rat cochlea. Purinergic Signalling, 2010, 6, 249-261. | 1.1 | 13 |
| 32 | Differential expression of P2Y receptors in the rat cochlea during development. Purinergic Signalling, 2010, 6, 231-248. | 1.1 | 39 |
| 33 | Reduced P2x2 receptor-mediated regulation of endocochlear potential in the ageing mouse cochlea. Purinergic Signalling, 2010, 6, 263-272. | 1.1 | 36 |
| 34 | Role of adenosine kinase in cochlear development and response to noise. Journal of Neuroscience Research, 2010, 88, 2598-2609. | 1.3 | 9 |
| 35 | Post exposure administration of A1 adenosine receptor agonists attenuates noise-induced hearing loss. Hearing Research, 2010, 260, 81-88. | 0.9 | 38 |
| 36 | Adenosine and the Auditory System. Current Neuropharmacology, 2009, 7, 246-256. | 1.4 | 46 |

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|---|---|---|---|
| 37 | Differential membrane redistribution of P2X receptor isoforms in response to osmotic and hyperglycemic stress in the rat lens. Histochemistry and Cell Biology, 2009, 131, 667-680. | 0.8 | 8 |
| 38 | Preservation of cochlear function in Cd39 deficient mice. Hearing Research, 2009, 253, 77-82. | 0.9 | 5 |
| 39 | Molecular identification and localization of P2X receptors in the rat lens. Experimental Eye Research, 2008, 86, 844-855. | 1.2 | 17 |
| 40 | Nucleoside transporter expression and adenosine uptake in the rat cochlea. NeuroReport, 2007, 18, 235-239. | 0.6 | 8 |
| 41 | Activation-dependent trafficking of NTPDase2 in Chinese hamster ovary cells. International Journal of Biochemistry and Cell Biology, 2007, 39, 810-817. | 1.2 | 7 |
| 42 | Differential distribution of adenosine receptors in rat cochlea. Cell and Tissue Research, 2007, 328, 461-471. | 1.5 | 44 |
| 43 | Noise-induced up-regulation of NTPDase3 expression in the rat cochlea: Implications for auditory transmission and cochlear protection. Brain Research, 2006, 1104, 55-63. | 1.1 | 32 |
| 44 | C-terminal splicing of NTPDase2 provides distinctive catalytic properties, cellular distribution and enzyme regulation. Biochemical Journal, 2005, 385, 729-736. | 1.7 | 29 |
| 45 | NTPDase1 and NTPDase2 Immunolocalization in Mouse Cochlea: Implications for Regulation of P2 Receptor Signaling. Journal of Histochemistry and Cytochemistry, 2002, 50, 1435-1441. | 1.3 | 34 |
| 46 | ATP-gated ion channels assembled from P2X2 receptor subunits in the mouse cochlea. NeuroReport, 2002, 13, 1979-1984. | 0.6 | 37 |
| 47 | Potential Role of Purinergic Signalling in Cochlear Pathology. Audiology and Neuro-Otology, 2002, 7, 180-184. | 0.6 | 27 |
| 48 | Distribution of ectonucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. Hearing Research, 2002, 170, 127-138. | 0.9 | 35 |
| 49 | Evidence for alternative splicing of ecto-ATPase associated with termination of purinergic transmission. Molecular Brain Research, 1999, 73, 85-92. | 2.5 | 49 |
| 50 | The pharmacology and kinetics of ecto-nucleotidases in the perilymphatic compartment of the guinea-pig cochlea. Hearing Research, 1998, 117, 71-80. | 0.9 | 38 |
| 51 | Evidence for Ectonucleotidases in the Guinea-Pig Cochlea. , 1997, , 15-19. | | 2 |
| 52 | Ectonucleotidase activity in the perilymphatic compartment of the guinea pig cochlea. Hearing Research, 1996, 99, 31-37. | 0.9 | 29 |
| 53 | Asymmetrical Modulation of Immune Reactivity in Left- and Right-Biased Rats After Ipsilateral Ablation of the Prefrontal, Parietal and Occipital Brain Neocortex. International Journal of Neuroscience, 1994, 78, 123-134. | 0.8 | 14 |
| 54 | Brain Self-Stimulation and Immunity: Effect on Humoral and Cell-Mediated Immune Responses. International Journal of Neuroscience, 1993, 69, 235-250. | 0.8 | 12 |

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|---|---|---|---|
| 55 | Experimental Epilepsy: Electrically and Chemically Induced Convulsions Modulate Experimental Allergic Encephalomyelitis and Other Immune Inflammatory Reactions in the Rat. International Journal of Neuroscience, 1990, 54, 165-172. | 0.8 | 4 |
| 56 | Experimental Epilepsy: Electroconvulsive Shock Induces Production of Anti-Brain Autoantibody. International Journal of Neuroscience, 1990, 51, 319-320. | 0.8 | 2 |
| 57 | Self-stimulation behavior: Consequences upon immunity?. Brain, Behavior, and Immunity, 1990, 4, 255-264. | 2.0 | 12 |
| 58 | The Link between Hidden Hearing Loss and Cognitive Decline. , 0, 3, . | | 0 |