

Eugene D Ponomarev

List of Publications by Citations

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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.

51
papers

3,808
citations

26
h-index

56
g-index

56
ext. papers

4,445
ext. citations

7
avg, IF

5.4
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 51 | MicroRNA-124 promotes microglia quiescence and suppresses EAE by deactivating macrophages via the C/EBP- β -PU.1 pathway. <i>Nature Medicine</i> , 2011 , 17, 64-70 | 50.5 | 579 |
| 50 | Modulation of the cannabinoid CB2 receptor in microglial cells in response to inflammatory stimuli. <i>Journal of Neurochemistry</i> , 2005 , 95, 437-45 | 6 | 357 |
| 49 | Microglial cell activation and proliferation precedes the onset of CNS autoimmunity. <i>Journal of Neuroscience Research</i> , 2005 , 81, 374-89 | 4.4 | 320 |
| 48 | CNS-derived interleukin-4 is essential for the regulation of autoimmune inflammation and induces a state of alternative activation in microglial cells. <i>Journal of Neuroscience</i> , 2007 , 27, 10714-21 | 6.6 | 299 |
| 47 | Direct suppression of CNS autoimmune inflammation via the cannabinoid receptor CB1 on neurons and CB2 on autoreactive T cells. <i>Nature Medicine</i> , 2007 , 13, 492-7 | 50.5 | 292 |
| 46 | GM-CSF production by autoreactive T cells is required for the activation of microglial cells and the onset of experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2007 , 178, 39-48 | 5.3 | 267 |
| 45 | MicroRNAs are universal regulators of differentiation, activation, and polarization of microglia and macrophages in normal and diseased CNS. <i>Glia</i> , 2013 , 61, 91-103 | 9 | 227 |
| 44 | Circulating microparticles: square the circle. <i>BMC Cell Biology</i> , 2013 , 14, 23 | | 165 |
| 43 | CD40 expression by microglial cells is required for their completion of a two-step activation process during central nervous system autoimmune inflammation. <i>Journal of Immunology</i> , 2006 , 176, 1402-10 | 5.3 | 116 |
| 42 | IL-4/IL-13-dependent and independent expression of miR-124 and its contribution to M2 phenotype of monocytic cells in normal conditions and during allergic inflammation. <i>PLoS ONE</i> , 2013 , 8, e81774 | 3.7 | 115 |
| 41 | Gamma delta T cells regulate the extent and duration of inflammation in the central nervous system by a Fas ligand-dependent mechanism. <i>Journal of Immunology</i> , 2005 , 174, 4678-87 | 5.3 | 103 |
| 40 | Insulin receptor in the brain: Mechanisms of activation and the role in the CNS pathology and treatment. <i>CNS Neuroscience and Therapeutics</i> , 2018 , 24, 763-774 | 6.8 | 68 |
| 39 | Development of a culture system that supports adult microglial cell proliferation and maintenance in the resting state. <i>Journal of Immunological Methods</i> , 2005 , 300, 32-46 | 2.5 | 68 |
| 38 | Gamma delta T cell regulation of IFN-gamma production by central nervous system-infiltrating encephalitogenic T cells: correlation with recovery from experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2004 , 173, 1587-95 | 5.3 | 64 |
| 37 | Ganglioside GD2 in reception and transduction of cell death signal in tumor cells. <i>BMC Cancer</i> , 2014 , 14, 295 | 4.8 | 57 |
| 36 | Spontaneous apoptosis and expression of cell surface heat-shock proteins in cultured EL-4 lymphoma cells. <i>Cell Proliferation</i> , 1999 , 32, 363-78 | 7.9 | 54 |
| 35 | Platelets Play Differential Role During the Initiation and Progression of Autoimmune Neuroinflammation. <i>Circulation Research</i> , 2015 , 117, 779-92 | 15.7 | 49 |

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| 34 | Cyclic AMP Pathway Suppress Autoimmune Neuroinflammation by Inhibiting Functions of Encephalitogenic CD4 T Cells and Enhancing M2 Macrophage Polarization at the Site of Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 50 | 8.4 | 47 |
| 33 | Platelets recognize brain-specific glycolipid structures, respond to neurovascular damage and promote neuroinflammation. <i>PLoS ONE</i> , 2013 , 8, e58979 | 3.7 | 42 |
| 32 | Early Growth Response Gene-2 Is Essential for M1 and M2 Macrophage Activation and Plasticity by Modulation of the Transcription Factor CEBP β <i>Frontiers in Immunology</i> , 2018 , 9, 2515 | 8.4 | 41 |
| 31 | Fresh Evidence for Platelets as Neuronal and Innate Immune Cells: Their Role in the Activation, Differentiation, and Deactivation of Th1, Th17, and Tregs during Tissue Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 406 | 8.4 | 38 |
| 30 | IL-13 induces the expression of the alternative activation marker Ym1 in a subset of testicular macrophages. <i>Journal of Reproductive Immunology</i> , 2008 , 78, 140-8 | 4.2 | 33 |
| 29 | Antibody Fragments as Potential Biopharmaceuticals for Cancer Therapy: Success and Limitations. <i>Current Medicinal Chemistry</i> , 2019 , 26, 396-426 | 4.3 | 32 |
| 28 | Intra-gastrointestinal amyloid- β -42 oligomers perturb enteric function and induce Alzheimer's disease pathology. <i>Journal of Physiology</i> , 2020 , 598, 4209-4223 | 3.9 | 29 |
| 27 | Visualization and quantitation of the expression of microRNAs and their target genes in neuroblastoma single cells using imaging cytometry. <i>BMC Research Notes</i> , 2011 , 4, 517 | 2.3 | 26 |
| 26 | Neuronal extracellular microRNAs miR-124 and miR-9 mediate cell-cell communication between neurons and microglia. <i>Journal of Neuroscience Research</i> , 2019 , 97, 162-184 | 4.4 | 26 |
| 25 | Extracellular vesicles in gastrointestinal cancer in conjunction with microbiota: On the border of Kingdoms. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017 , 1868, 372-393 | 11.2 | 25 |
| 24 | Detection of microRNAs in microglia by real-time PCR in normal CNS and during neuroinflammation. <i>Journal of Visualized Experiments</i> , 2012 , | 1.6 | 24 |
| 23 | Translocation of cytoplasmic HSP70 onto the surface of EL-4 cells during apoptosis. <i>Cell Proliferation</i> , 2002 , 35, 193-206 | 7.9 | 24 |
| 22 | Platelets mediate protective neuroinflammation and promote neuronal plasticity at the site of neuronal injury. <i>Brain, Behavior, and Immunity</i> , 2018 , 74, 7-27 | 16.6 | 23 |
| 21 | Neuroinflammation and aberrant hippocampal plasticity in a mouse model of emotional stress evoked by exposure to ultrasound of alternating frequencies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 90, 104-116 | 5.5 | 20 |
| 20 | Fresh evidence for major brain gangliosides as a target for the treatment of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019 , 77, 128-143 | 5.6 | 19 |
| 19 | Thiamine and benfotiamine counteract ultrasound-induced aggression, normalize AMPA receptor expression and plasticity markers, and reduce oxidative stress in mice. <i>Neuropharmacology</i> , 2019 , 156, 107543 | 5.5 | 17 |
| 18 | Elucidating the functions of brain GSK3 β —Possible synergy with GSK3 α upregulation and reversal by antidepressant treatment in a mouse model of depressive-like behaviour. <i>Behavioural Brain Research</i> , 2017 , 335, 122-127 | 3.4 | 17 |
| 17 | Splenic cytotoxic cells recognize surface HSP70 on culture-adapted EL-4 mouse lymphoma cells. <i>Immunology Letters</i> , 2000 , 74, 133-9 | 4.1 | 16 |

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| 16 | Glatiramer acetate (copaxone) modulates platelet activation and inhibits thrombin-induced calcium influx: possible role of copaxone in targeting platelets during autoimmune neuroinflammation. <i>PLoS ONE</i> , 2014 , 9, e96256 | 3.7 | 15 |
| 15 | Asia Pacific Stroke Conference 2017. Abstracts of the Annual Conference of the Asia Pacific Stroke Organization (APSO) Combined with Stroke Society of Australasia. Nanjing, China, October 26-28, 2017: Abstracts. <i>Cerebrovascular Diseases</i> , 2017 , 44 Suppl 1, 1-52 | 3.2 | 14 |
| 14 | Platelets promote epileptic seizures by modulating brain serotonin level, enhancing neuronal electric activity, and contributing to neuroinflammation and oxidative stress. <i>Progress in Neurobiology</i> , 2020 , 188, 101783 | 10.9 | 14 |
| 13 | Mitochondrial staining allows robust elimination of apoptotic and damaged cells during cell sorting. <i>Journal of Histochemistry and Cytochemistry</i> , 2014 , 62, 265-75 | 3.4 | 14 |
| 12 | The Role of Neuronal Factors in the Epigenetic Reprogramming of Microglia in the Normal and Diseased Central Nervous System. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 453 | 6.1 | 13 |
| 11 | Early passage autologous mesenchymal stromal cells accelerate diabetic wound re-epithelialization: A clinical case study. <i>Cytotherapy</i> , 2017 , 19, 1548-1550 | 4.8 | 12 |
| 10 | Usage of Multiparameter Flow Cytometry to Study Microglia and Macrophage Heterogeneity in the Central Nervous System During Neuroinflammation and Neurodegeneration. <i>Methods in Molecular Biology</i> , 2018 , 1745, 167-177 | 1.4 | 8 |
| 9 | Ultrasound stress compromises the correlates of emotional-like states and brain AMPAR expression in mice: effects of antioxidant and anti-inflammatory herbal treatment. <i>Stress</i> , 2020 , 23, 481-495 | 3.95 | 6 |
| 8 | Role of Platelets in Neuroinflammatory Disorders. A Review. <i>Moscow University Biological Sciences Bulletin</i> , 2018 , 73, 97-103 | 0.5 | 3 |
| 7 | Methods of Study of Neuron Structural Heterogeneity: Flow Cytometry vs. Laser Interferometry. <i>Methods in Molecular Biology</i> , 2018 , 1745, 155-166 | 1.4 | 2 |
| 6 | The Role of Platelets in the Stimulation of Neuronal Synaptic Plasticity, Electric Activity, and Oxidative Phosphorylation: Possibilities for New Therapy of Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 680126 | 6.1 | 2 |
| 5 | Meta-Analysis and Systematic Review of Coagulation Disbalances in COVID-19: 41 Studies and 17,601 Patients.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 794092 | 5.4 | 2 |
| 4 | Soy flavonoids prevent cognitive deficits induced by intra-gastrointestinal administration of beta-amyloid. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111396 | 4.7 | 1 |
| 3 | ASD-like behaviors, a dysregulated inflammatory response and decreased expression of PLP1 characterize mice deficient for sialyltransferase ST3GAL5. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 16, 100306 | 5.1 | 1 |
| 2 | Correlation of the EL-4 lymphoma cell apoptosis with the expression of heat shock proteins. <i>Doklady Biological Sciences</i> , 2000 , 375, 576-9 | 0.9 | |
| 1 | The role of interactions of platelets with brain- specific neuronal glycolipids in the modulation of neuronal functions during neurological disorders. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO3-1-86 | 0 | |