

Eugene D Ponomarev

List of Publications by Year in Descending Order

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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	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
50	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
49	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
48	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
47	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
46	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
45	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	4.95	6
44	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
43	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
42	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
41	Antibody Fragments as Potential Biopharmaceuticals for Cancer Therapy: Success and Limitations. <i>Current Medicinal Chemistry</i> , 2019 , 26, 396-426	4.3	32
40	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
39	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
38	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
37	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
36	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
35	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

34	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
33	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	
32	Early Growth Response Gene-2 Is Essential for M1 and M2 Macrophage Activation and Plasticity by Modulation of the Transcription Factor CEBPβ <i>Frontiers in Immunology</i> , 2018 , 9, 2515	8.4	41
31	Role of Platelets in Neuroinflammatory Disorders. A Review. <i>Moscow University Biological Sciences Bulletin</i> , 2018 , 73, 97-103	0.5	3
30	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
29	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
28	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
27	Elucidating the functions of brain GSK3β Possible synergy with GSK3β 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
26	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
25	Platelets Play Differential Role During the Initiation and Progression of Autoimmune Neuroinflammation. <i>Circulation Research</i> , 2015 , 117, 779-92	15.7	49
24	Ganglioside GD2 in reception and transduction of cell death signal in tumor cells. <i>BMC Cancer</i> , 2014 , 14, 295	4.8	57
23	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
22	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
21	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
20	Circulating microparticles: square the circle. <i>BMC Cell Biology</i> , 2013 , 14, 23		165
19	Platelets recognize brain-specific glycolipid structures, respond to neurovascular damage and promote neuroinflammation. <i>PLoS ONE</i> , 2013 , 8, e58979	3.7	42
18	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
17	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

16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	Microglial cell activation and proliferation precedes the onset of CNS autoimmunity. <i>Journal of Neuroscience Research</i> , 2005 , 81, 374-89	4.4	320
6	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
5	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
4	Translocation of cytoplasmic HSP70 onto the surface of EL-4 cells during apoptosis. <i>Cell Proliferation</i> , 2002 , 35, 193-206	7.9	24
3	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
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	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