

# Pietro GIUSTi

## List of Publications by Year in descending order

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89  
papers

4,190  
citations

136950

32  
h-index

114465

63  
g-index

89  
all docs

89  
docs citations

89  
times ranked

6155  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Inflammation-Centric View of Neurological Disease: Beyond the Neuron. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 72.	3.7	320
2	The P2X <sub>7</sub> purinergic receptor: from physiology to neurological disorders. <i>FASEB Journal</i> , 2010, 24, 337-345.	0.5	305
3	Ciprofloxacin and levofloxacin attenuate microglia inflammatory response via TLR4/NF- $\kappa$ B pathway. <i>Journal of Neuroinflammation</i> , 2019, 16, 148.	7.2	275
4	$\alpha$ -Synuclein and Parkinson's disease. <i>FASEB Journal</i> , 2004, 18, 617-626.	0.5	262
5	Microglia and mast cells: two tracks on the road to neuroinflammation. <i>FASEB Journal</i> , 2012, 26, 3103-3117.	0.5	221
6	Mast cells, glia and neuroinflammation: partners in crime?. <i>Immunology</i> , 2014, 141, 314-327.	4.4	200
7	Neuroprotection by melatonin from kainate-induced excitotoxicity in rats. <i>FASEB Journal</i> , 1996, 10, 891-896.	0.5	151
8	Neuroinflammation, Microglia and Mast Cells in the Pathophysiology of Neurocognitive Disorders: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 13, 1654-1666.	1.4	130
9	Synaptic Plasticity, Dementia and Alzheimer Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 220-233.	1.4	128
10	Glia and Mast Cells as Targets for Palmitoylethanolamide, an Anti-inflammatory and Neuroprotective Lipid Mediator. <i>Molecular Neurobiology</i> , 2013, 48, 340-352.	4.0	110
11	N-Palmitoylethanolamine and Neuroinflammation: a Novel Therapeutic Strategy of Resolution. <i>Molecular Neurobiology</i> , 2015, 52, 1034-1042.	4.0	105
12	Melatonin maintains glutathione homeostasis in kainic acid-exposed rat brain tissues. <i>FASEB Journal</i> , 1997, 11, 1309-1315.	0.5	96
13	Toll-Like Receptors 2, -3 and -4 Prime Microglia but not Astrocytes Across Central Nervous System Regions for ATP-Dependent Interleukin-1 $\beta$ Release. <i>Scientific Reports</i> , 2014, 4, 6824.	3.3	96
14	Neuroinflammation, Mast Cells, and Glia: Dangerous Liaisons. <i>Neuroscientist</i> , 2017, 23, 478-498.	3.5	87
15	Palmitoylethanolamide, a naturally occurring disease-modifying agent in neuropathic pain. <i>Inflammopharmacology</i> , 2014, 22, 79-94.	3.9	85
16	A proteomic approach in the study of an animal model of Parkinson's disease. <i>Clinica Chimica Acta</i> , 2005, 357, 202-209.	1.1	84
17	Melatonin prevents the delayed death of hippocampal neurons induced by enhanced excitatory neurotransmission and the nitridergic pathway. <i>FASEB Journal</i> , 1998, 12, 725-731.	0.5	78
18	Acetylcholinesterase Inhibitors: Synthesis and Structure-Activity Relationships of 1-[N-Methyl-N-(3-alkylcarbamoyloxyphenyl)-methyl]aminoalkoxyheteroaryl Derivatives. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3976-3986.	6.4	73

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19	Ligand engagement of Toll-like receptors regulates their expression in cortical microglia and astrocytes. <i>Journal of Neuroinflammation</i> , 2015, 12, 244.	7.2	73
20	Curcumin Prevents Acute Neuroinflammation and Long-Term Memory Impairment Induced by Systemic Lipopolysaccharide in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 183.	3.5	73
21	Systematic Review of Pharmacological Properties of the Oligodendrocyte Lineage. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 27.	3.7	65
22	Astrocyte-Microglia Cooperation in the Expression of a Pro-Inflammatory Phenotype. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 608-618.	1.4	58
23	In vitro and in vivo protection against kainate-induced excitotoxicity by melatonin. <i>Journal of Pineal Research</i> , 1996, 20, 226-231.	7.4	56
24	Serum amyloid A primes microglia for ATP-dependent interleukin-1 $\beta$ release. <i>Journal of Neuroinflammation</i> , 2018, 15, 164.	7.2	48
25	Effect of acute and chronic tramadol on [ <sup>3</sup> H]5-HT uptake in rat cortical synaptosomes. <i>British Journal of Pharmacology</i> , 1997, 122, 302-306.	5.4	46
26	Evaluation of the prescription and utilization patterns of statins in an Italian local health unit during the period 1994-2003. <i>European Journal of Clinical Pharmacology</i> , 2007, 63, 197-203.	1.9	41
27	Indole-based analogs of melatonin: in vitro antioxidant and cytoprotective activities. <i>Journal of Pineal Research</i> , 2004, 36, 95-102.	7.4	39
28	Fluoxetine-induced proliferation and differentiation of neural progenitor cells isolated from rat postnatal cerebellum. <i>Biochemical Pharmacology</i> , 2008, 76, 391-403.	4.4	37
29	Ventricular cerebrospinal fluid melatonin concentrations investigated with an endoscopic technique. <i>Journal of Pineal Research</i> , 2007, 42, 113-118.	7.4	36
30	Intracellular glutathione levels determine cerebellar granule neuron sensitivity to excitotoxic injury by kainic acid. <i>Brain Research</i> , 2000, 862, 83-89.	2.2	34
31	Kainic acid induces selective mitochondrial oxidative phosphorylation enzyme dysfunction in cerebellar granule neurons: protective effects of melatonin and GSH ethyl ester. <i>FASEB Journal</i> , 2001, 15, 1786-1788.	0.5	34
32	Generation of a $\alpha$ -synuclein-based rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2008, 30, 8-18.	4.4	34
33	A mouse model of high trait anxiety shows reduced heart rate variability that can be reversed by anxiolytic drug treatment. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 1341-1355.	2.1	33
34	Synthesis, antioxidant activity and structure-activity relationships for a new series of 2-(N-acetylaminoethyl)indoles with melatonin-like cytoprotective activity. <i>Journal of Pineal Research</i> , 2006, 40, 259-269.	7.4	31
35	Co-ultramicrosized Palmitoylethanolamide/Luteolin Promotes the Maturation of Oligodendrocyte Precursor Cells. <i>Scientific Reports</i> , 2015, 5, 16676.	3.3	30
36	Opioids in Italy: is marketing more powerful than the law?. <i>Lancet, The</i> , 2003, 362, 78.	13.7	29

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37	Phenolic 1,3-diketones attenuate lipopolysaccharide-induced inflammatory response by an alternative magnesium-mediated mechanism. <i>British Journal of Pharmacology</i> , 2017, 174, 1090-1103.	5.4	28
38	Expression and Differential Responsiveness of Central Nervous System Glial Cell Populations to the Acute Phase Protein Serum Amyloid A. <i>Scientific Reports</i> , 2017, 7, 12158.	3.3	27
39	Melatonin signaling in mouse cerebellar granule cells with variable native MT1 and MT2 melatonin receptors. <i>Brain Research</i> , 2008, 1227, 19-25.	2.2	24
40	Chronic administration of an anticonvulsant dose of imidazenil fails to induce tolerance of GABAA receptor function in mice. <i>European Journal of Pharmacology</i> , 1994, 254, 299-302.	3.5	23
41	A co-ultramicronized palmitoylethanolamide/luteolin composite mitigates clinical score and disease-relevant molecular markers in a mouse model of experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2019, 16, 126.	7.2	23
42	Effect of acute and chronic tramadol on [3H]-norepinephrine-uptake in rat cortical synaptosomes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1999, 23, 485-496.	4.8	21
43	A 6-Hydroxydopamine In Vivo Model of Parkinson's Disease. <i>Methods in Molecular Biology</i> , 2012, 846, 355-364.	0.9	21
44	Opioid prescription for terminally ill outpatients in a district of northern Italy: a retrospective survey. <i>Pharmacological Research</i> , 2003, 48, 75-82.	7.1	20
45	Co-Ultramicronized Palmitoylethanolamide/Luteolin Facilitates the Development of Differentiating and Undifferentiated Rat Oligodendrocyte Progenitor Cells. <i>Molecular Neurobiology</i> , 2018, 55, 103-114.	4.0	18
46	Physiological and Pharmacological Bases for the Diverse Properties of Benzodiazepines and their Congeners. <i>Pharmacological Research</i> , 1993, 27, 201-216.	7.1	17
47	Lack of anticonvulsant tolerance and benzodiazepine receptor down regulation with imidazenil in rats. <i>British Journal of Pharmacology</i> , 1996, 117, 647-652.	5.4	17
48	Active Induction of Experimental Autoimmune Encephalomyelitis in C57BL/6 Mice. <i>Methods in Molecular Biology</i> , 2018, 1727, 353-360.	0.9	17
49	Photoisomerization of fluvoxamine generates an isomer that has reduced activity on the 5-hydroxytryptamine transporter and does not affect cell proliferation. <i>European Journal of Pharmacology</i> , 2002, 450, 223-229.	3.5	16
50	Intracellular Ion Channel CLIC1: Involvement in Microglia-Mediated $\beta^2$ -Amyloid Peptide(1-42) Neurotoxicity. <i>Neurochemical Research</i> , 2013, 38, 1801-1808.	3.3	16
51	Anticonvulsant, anxiolytic, and non-sedating actions of imidazenil and other imidazo-benzodiazepine carboxamide derivatives. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 383-389.	2.9	15
52	Reference Values for a Panel of Cytokinergic and Regulatory Lymphocyte Subpopulations. <i>Immune Network</i> , 2016, 16, 344.	3.6	15
53	Phosphatidylserine and Curcumin Act Synergistically to Down-Regulate Release of Interleukin-1&#946; from Lipopolysaccharide-Stimulated Cortical Primary Microglial Cells. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 792-800.	1.4	15
54	Neuropharmacological evidence for an interaction between the GABA uptake inhibitor CI-966 and anxiolytic benzodiazepines. <i>Drug Development Research</i> , 1990, 21, 217-225.	2.9	14

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55	Retrospective analysis of opioid prescriptions in cancer patients in a northern Italian Region. <i>British Journal of Clinical Pharmacology</i> , 2006, 62, 130-133.	2.4	14
56	MEK inhibition exacerbates ischemic calcium imbalance and neuronal cell death in rat cortical cultures. <i>European Journal of Pharmacology</i> , 2006, 553, 18-27.	3.5	14
57	New oral anti-coagulants versus vitamin K antagonists in high thromboembolic risk patients. <i>PLoS ONE</i> , 2019, 14, e0222762.	2.5	14
58	Carotenoid Extract Derived from <i>Euglena gracilis</i> Overcomes Lipopolysaccharide-Induced Neuroinflammation in Microglia: Role of NF- $\kappa$ B and Nrf2 Signaling Pathways. <i>Molecular Neurobiology</i> , 2021, 58, 3515-3528.	4.0	14
59	Pre- and Early Post-treatment With <i>Arthrospira platensis</i> (Spirulina) Extract Impedes Lipopolysaccharide-triggered Neuroinflammation in Microglia. <i>Frontiers in Pharmacology</i> , 2021, 12, 724993.	3.5	13
60	Benzodiazepine Receptor Affinities, Behavioral, and Anticonvulsant Activity of 2-Aryl-2,5-dihydropyridazino[4,3-b]indol-3(3H)-ones in Mice. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 65, 475-487.	2.9	12
61	Pharmacogenomic Characterization in Bipolar Spectrum Disorders. <i>Pharmaceutics</i> , 2020, 12, 13.	4.5	12
62	Opioid prescription for terminally ill outpatients in a district of northern Italy: a retrospective survey. <i>Pharmacological Research</i> , 2003, 48, 75-75.	7.1	11
63	Are calcitonins analgesic and/or hyperalgesic?. <i>Peptides</i> , 1985, 6, 277-282.	2.4	10
64	Simultaneous measurement of phosphatidylglycerol and disaturated $\alpha$ -phosphatidylcholine palmitate kinetics from alveolar surfactant. Study in infants with stable isotope tracer, coupled with isotope ratio mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011, 46, 986-992.	1.6	10
65	Gas-liquid chromatographic determination of dextromethorphan in serum and brain. <i>Journal of Chromatography A</i> , 1977, 140, 270-274.	3.7	9
66	Effects of the neurotoxin MPTP and pargyline protection on extracellular energy metabolites and dopamine levels in the striatum of freely moving rats. <i>Brain Research</i> , 2013, 1538, 159-171.	2.2	9
67	Abecarnil, a $\gamma$ -carboline derivative, does not exhibit anticonvulsant tolerance or withdrawal effects in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 612-7.	3.0	8
68	Consumption of opioid analgesics in Italy: Light at the end of the tunnel?. <i>European Journal of Pain</i> , 2011, 15, 220-221.	2.8	8
69	Abecarnil enhances recovery from diazepam tolerance. <i>Neuropharmacology</i> , 1999, 38, 1281-1288.	4.1	7
70	Receptors as a Transducer in the Co-Occurrence of Neurological/Psychiatric and Cardiovascular Disorders: A Hypothesis. <i>Cardiovascular Psychiatry and Neurology</i> , 2009, 2009, 1-5.	0.8	7
71	Antidepressant Drug Prescribing Patterns to Outpatients of an Italian Local Health Authority During the Years 1998 to 2008. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 212-215.	1.4	7
72	A Model of Systemic Inflammation to Study Neuroinflammation. <i>Methods in Molecular Biology</i> , 2018, 1727, 361-372.	0.9	6

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73	Editorial: Neuroinflammation and Its Resolution: From Molecular Mechanisms to Therapeutic Perspectives. <i>Frontiers in Pharmacology</i> , 2020, 11, 480.	3.5	6
74	Bisdemethoxycurcumin and Its Cyclized Pyrazole Analogue Differentially Disrupt Lipopolysaccharide Signalling in Human Monocyte-Derived Macrophages. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.	3.0	5
75	Co-Ultramicrosized Palmitoylethanolamide/Luteolin-Induced Oligodendrocyte Precursor Cell Differentiation is Associated With Tyro3 Receptor Upregulation. <i>Frontiers in Pharmacology</i> , 2021, 12, 698133.	3.5	5
76	The Effect of C-Phycocyanin on Microglia Activation Is Mediated by Toll-like Receptor 4. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1440.	4.1	5
77	Cyclovinologues of Guanethidine. <i>Archiv Der Pharmazie</i> , 1988, 321, 57-59.	4.1	4
78	Some New Prazosin Analogues. <i>Archiv Der Pharmazie</i> , 1989, 322, 359-361.	4.1	4
79	Characterization of [ <sup>3</sup> H]â€midazenil binding to rat brain membranes. <i>British Journal of Pharmacology</i> , 1995, 114, 1159-1164.	5.4	4
80	Germ line polymorphisms as predictive markers for pre-surgical radiochemotherapy in locally advanced rectal cancer: a 5-year literature update and critical review. <i>European Journal of Clinical Pharmacology</i> , 2015, 71, 529-539.	1.9	4
81	Molecular network-selected pharmacogenomics in a case of bipolar spectrum disorder. <i>Pharmacogenomics</i> , 2017, 18, 1631-1642.	1.3	4
82	Antinociceptive effect of some carboxypeptidase a inhibitors in comparison with D-phenylalanine. <i>European Journal of Pharmacology</i> , 1985, 116, 287-292.	3.5	3
83	An experimental study on dependence liability of zipeprol. <i>Pharmacological Research</i> , 1989, 21, 223-229.	7.1	3
84	A new place conditioning paradigm to study tolerance to opiates in mice. <i>NeuroReport</i> , 1999, 10, 517-521.	1.2	3
85	Real-practice thromboprophylaxis in atrial fibrillation. <i>Acta Pharmaceutica</i> , 2017, 67, 227-236.	2.0	3
86	Synthesis and Quantitative Structure-Activity Relationships of Analeptic Agents Related to Dimeflin. <i>Archiv Der Pharmazie</i> , 1989, 322, 257-261.	4.1	2
87	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 71-73.	0.1	0
88	Synthesis, conformational and pharmacological studies on dermorphin N-terminal tetrapeptide analogues. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 71-73.	0.1	0
89	Reply to: â€Palmitoylethanolamide: problems regarding micronization, ultra-micronization and additivesâ€Inflammopharmacology DOI:10.1007/s10787-014-0202-3. <i>Inflammopharmacology</i> , 2015, 23, 127-130.	3.9	0