

Roberta Brambilla

List of Publications by Year in descending order

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63
papers

4,308
citations

126907

33
h-index

128289

60
g-index

66
all docs

66
docs citations

66
times ranked

5250
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Tumor Necrosis Factor Following Spinal Cord Injury: A Systematic Review. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 925-950.	3.3	6
2	The Inflammatory Response after Moderate Contusion Spinal Cord Injury: A Time Study. <i>Biology</i> , 2022, 11, 939.	2.8	5
3	Deconstructing Noncovalent Kelch-like ECH-Associated Protein 1 (Keap1) Inhibitors into Fragments to Reconstruct New Potent Compounds. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4623-4661.	6.4	30
4	TNFR2 Signaling Regulates the Immunomodulatory Function of Oligodendrocyte Precursor Cells. <i>Cells</i> , 2021, 10, 1785.	4.1	17
5	Circulating extracellular vesicles activate the pyroptosis pathway in the brain following ventilation-induced lung injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 310.	7.2	13
6	Fibrotic scar after experimental autoimmune encephalomyelitis inhibits oligodendrocyte differentiation. <i>Neurobiology of Disease</i> , 2020, 134, 104674.	4.4	28
7	Oligodendrocytes modulate the immune-inflammatory response in EAE via TNFR2 signaling. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 132-146.	4.1	47
8	Dynamic Responses of Microglia in Animal Models of Multiple Sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 269.	3.7	29
9	Conditional Ablation of Myeloid TNF Improves Functional Outcome and Decreases Lesion Size after Spinal Cord Injury in Mice. <i>Cells</i> , 2020, 9, 2407.	4.1	13
10	IC100: a novel anti-ASC monoclonal antibody improves functional outcomes in an animal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 143.	7.2	41
11	Increased Neuroprotective Microglia and Photoreceptor Survival in the Retina from a Peptide Inhibitor of Myeloid Differentiation Factor 88 (MyD88). <i>Journal of Molecular Neuroscience</i> , 2020, 70, 968-980.	2.3	20
12	The mutual interplay of gut microbiota, diet and human disease. <i>FEBS Journal</i> , 2020, 287, 833-855.	4.7	176
13	Topical Administration of a Soluble TNF Inhibitor Reduces Infarct Volume After Focal Cerebral Ischemia in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 781.	2.8	25
14	TNF deficiency causes alterations in the spatial organization of neurogenic zones and alters the number of microglia and neurons in the cerebral cortex. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 279-297.	4.1	26
15	The contribution of astrocytes to the neuroinflammatory response in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Acta Neuropathologica</i> , 2019, 137, 757-783.	7.7	160
16	Neuroinflammation, the thread connecting neurological disease. <i>Acta Neuropathologica</i> , 2019, 137, 689-691.	7.7	36
17	Tumor Necrosis Factor Inhibition in the Acute Management of Traumatic Optic Neuropathy. , 2018, 59, 2905.		19
18	Opposing Functions of Microglial and Macrophagic TNFR2 in the Pathogenesis of Experimental Autoimmune Encephalomyelitis. <i>Cell Reports</i> , 2017, 18, 198-212.	6.4	125

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19	Prolonged stimulation of a brainstem raphe region attenuates experimental autoimmune encephalomyelitis. <i>Neuroscience</i> , 2017, 346, 395-402.	2.3	11
20	Mitochondrial DNA Double-Strand Breaks in Oligodendrocytes Cause Demyelination, Axonal Injury, and CNS Inflammation. <i>Journal of Neuroscience</i> , 2017, 37, 10185-10199.	3.6	34
21	High content analysis of phagocytic activity and cell morphology with PuntoMorph. <i>Journal of Neuroscience Methods</i> , 2017, 291, 43-50.	2.5	10
22	Neuronal Ablation of IKK2 Decreases Lesion Size and Improves Functional Outcome after Spinal Cord Injury in Mice. <i>JSM Neurosurgery and Spine</i> , 2017, 5, .	0.0	0
23	Genetic Ablation of Soluble TNF Does Not Affect Lesion Size and Functional Recovery after Moderate Spinal Cord Injury in Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-15.	3.0	12
24	Conditional ablation of myeloid TNF increases lesion volume after experimental stroke in mice, possibly via altered ERK1/2 signaling. <i>Scientific Reports</i> , 2016, 6, 29291.	3.3	37
25	Pioglitazone ameliorates the phenotype of a novel Parkinson's disease mouse model by reducing neuroinflammation. <i>Molecular Neurodegeneration</i> , 2016, 11, 25.	10.8	57
26	Oligodendroglial TNFR2 Mediates Membrane TNF-Dependent Repair in Experimental Autoimmune Encephalomyelitis by Promoting Oligodendrocyte Differentiation and Remyelination. <i>Journal of Neuroscience</i> , 2016, 36, 5128-5143.	3.6	113
27	Prior regular exercise improves clinical outcome and reduces demyelination and axonal injury in experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2016, 136, 63-73.	3.9	39
28	Genetic ablation of soluble tumor necrosis factor with preservation of membrane tumor necrosis factor is associated with neuroprotection after focal cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1553-1569.	4.3	48
29	Murine Neonates Infected with <i>Yersinia enterocolitica</i> Develop Rapid and Robust Proinflammatory Responses in Intestinal Lymphoid Tissues. <i>Infection and Immunity</i> , 2014, 82, 762-772.	2.2	7
30	Astrocytes play a key role in EAE pathophysiology by orchestrating in the CNS the inflammatory response of resident and peripheral immune cells and by suppressing remyelination. <i>Glia</i> , 2014, 62, 452-467.	4.9	133
31	Neuropathic pain-induced depressive-like behavior and hippocampal neurogenesis and plasticity are dependent on TNFR1 signaling. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 65-81.	4.1	122
32	The effect of stroke on immune function. <i>Molecular and Cellular Neurosciences</i> , 2013, 53, 26-33.	2.2	36
33	Differential brain and spinal cord cytokine and BDNF levels in experimental autoimmune encephalomyelitis are modulated by prior and regular exercise. <i>Journal of Neuroimmunology</i> , 2013, 264, 24-34.	2.3	75
34	IL7R α contributes to Experimental Autoimmune Encephalomyelitis through Altered T Cell Responses and Nonhematopoietic Cell Lineages. <i>Journal of Immunology</i> , 2013, 190, 4525-4534.	0.8	29
35	Transgenic inhibition of astroglial NF- κ B protects from optic nerve damage and retinal ganglion cell loss in experimental optic neuritis. <i>Journal of Neuroinflammation</i> , 2012, 9, 213.	7.2	81
36	Glial NF-kappa B inhibition alters neuropeptide expression after sciatic nerve injury in mice. <i>Brain Research</i> , 2011, 1385, 38-46.	2.2	15

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37	Inhibition of soluble tumour necrosis factor is therapeutic in experimental autoimmune encephalomyelitis and promotes axon preservation and remyelination. <i>Brain</i> , 2011, 134, 2736-2754.	7.6	174
38	Transgenic inhibition of glial NF-kappa B reduces pain behavior and inflammation after peripheral nerve injury. <i>Pain</i> , 2010, 148, 509-518.	4.2	124
39	Transgenic Inhibition of Astroglial NF- κ B Improves Functional Outcome in Experimental Autoimmune Encephalomyelitis by Suppressing Chronic Central Nervous System Inflammation. <i>Journal of Immunology</i> , 2009, 182, 2628-2640.	0.8	229
40	Inactivation of astroglial NF- κ B promotes survival of retinal neurons following ischemic injury. <i>European Journal of Neuroscience</i> , 2009, 30, 175-185.	2.6	135
41	Transgenic inhibition of astroglial NF- κ B leads to increased axonal sparing and sprouting following spinal cord injury. <i>Journal of Neurochemistry</i> , 2009, 110, 765-778.	3.9	106
42	Astroglial nuclear factor- κ B regulates learning and memory and synaptic plasticity in female mice. <i>Journal of Neurochemistry</i> , 2008, 104, 611-623.	3.9	50
43	NIBP, a Novel NIK and IKK β -binding Protein That Enhances NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 29233-29241.	3.4	107
44	Inhibition of astroglial nuclear factor κ B reduces inflammation and improves functional recovery after spinal cord injury. <i>Journal of Experimental Medicine</i> , 2005, 202, 145-156.	8.5	506
45	TNAP, a Novel Repressor of NF- κ B-inducing Kinase, Suppresses NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 35975-35983.	3.4	29
46	Blockade of A2A adenosine receptors prevents basic fibroblast growth factor-induced reactive astrogliosis in rat striatal primary astrocytes. <i>Glia</i> , 2003, 43, 190-194.	4.9	126
47	Nucleotide-mediated calcium signaling in rat cortical astrocytes: Role of P2X and P2Y receptors. <i>Glia</i> , 2003, 43, 218-230.	4.9	235
48	P2Y receptors in brain astroglial cells: Identification of a gliotic P2Y receptor coupled to activation of a calcium-independent ras/ERK1/2 pathway. <i>Drug Development Research</i> , 2003, 59, 161-170.	2.9	7
49	Induction of COX-2 and reactive gliosis by P2Y receptors in rat cortical astrocytes is dependent on ERK1/2 but independent of calcium signalling. <i>Journal of Neurochemistry</i> , 2002, 83, 1285-1296.	3.9	69
50	Identification of a novel P2 receptor associated with cyclooxygenase-2 upregulation and reactive astrogliosis. <i>Drug Development Research</i> , 2001, 53, 148-157.	2.9	2
51	Inhibition of Gap-Junctional Communication Induces the Trans-differentiation of Osteoblasts to an Adipocytic Phenotype in Vitro. <i>Journal of Biological Chemistry</i> , 2001, 276, 14133-14138.	3.4	99
52	Modulation of Cyclooxygenase-2 and Brain Reactive Astrogliosis by Purinergic P2 Receptors. <i>Annals of the New York Academy of Sciences</i> , 2001, 939, 54-62.	3.8	39
53	Activation of the A ₃ adenosine receptor affects cell cycle progression and cell growth. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 361, 225-234.	3.0	79
54	A novel gliotic P2 receptor mediating cyclooxygenase-2 induction in rat and human astrocytes. <i>Journal of the Autonomic Nervous System</i> , 2000, 81, 3-9.	1.9	29

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55	Cyclo-oxygenase-2 mediates P2Y receptor-induced reactive astrogliosis. <i>British Journal of Pharmacology</i> , 1999, 126, 563-567.	5.4	74
56	Chapter 27 Signalling mechanisms involved in P2Y receptor-mediated reactive astrogliosis. <i>Progress in Brain Research</i> , 1999, 120, 333-342.	1.4	34
57	Adenosine A3 receptors and viability of astrocytes. , 1998, 45, 379-386.		43
58	Apoptosis by 2-chloro-2-deoxy-adenosine and 2-chloro-adenosine in human peripheral blood mononuclear cells. <i>Neurochemistry International</i> , 1998, 32, 493-504.	3.8	74
59	The A3Adenosine Receptor Mediates Cell Spreading, Reorganization of Actin Cytoskeleton, and Distribution of Bcl-xL: Studies in Human Astroglioma Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 297-304.	2.1	88
60	Modulation of Apoptosis by Adenosine in the Central Nervous System: a Possible Role for the A3Receptor.. <i>Annals of the New York Academy of Sciences</i> , 1997, 825, 11-22.	3.8	77
61	Characterization of the signalling pathways involved in ATP and basic fibroblast growth factor-induced astrogliosis. <i>British Journal of Pharmacology</i> , 1997, 121, 1692-1699.	5.4	83
62	Adenosine A1 receptors in rat brain synaptosomes: Transductional mechanisms, effects on glutamate release, and preservation after metabolic inhibition. <i>Drug Development Research</i> , 1995, 35, 119-129.	2.9	5
63	Prolonged agonist exposure induces imbalance of A1 and A2 receptor-mediated functions in rat brain slices. <i>Drug Development Research</i> , 1993, 28, 364-368.	2.9	9