Stefano Fumagalli

List of Publications by Year
in descending order

43 papers	2,286 citations	279487 23 h-index	301761 39 g-index
46 all docs	46 docs citations	46 times ranked	3808 citing authors

#	Article	IF	Citations
1	Protein Expression of the Microglial Marker Tmem119 Decreases in Association With Morphological Changes and Location in a Mouse Model of Traumatic Brain Injury. Frontiers in Cellular Neuroscience, 2022, 16, 820127.	1.8	24
2	New nanostructures inhibiting human mannose binding lectin identified by a novel surface plasmon resonance assay. Sensors and Actuators B: Chemical, 2022, 360, 131661.	4.0	0
3	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPN1-related myopathy. Cell Death and Differentiation, 2021, 28, 123-138.	5.0	29
4	Î²2 glycoprotein I participates in phagocytosis of apoptotic neurons and in vascular injury in experimental brain stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2098455.	2.4	8
5	Plasma-derived and recombinant C1 esterase inhibitor: Binding profiles and neuroprotective properties in brain ischemia/reperfusion injury. Brain, Behavior, and Immunity, 2021, 93, 299-311.	2.0	10
6	Ficolin-2 serum levels predict the occurrence of acute coronary syndrome in patients with severe carotid artery stenosis. Pharmacological Research, 2021, 166, 105462.	3.1	10
7	Long pentraxin PTX3 is upregulated systemically and centrally after experimental neurotrauma, but its depletion leaves unaltered sensorimotor deficits or histopathology. Scientific Reports, 2021, 11, 9616.	1.6	12
8	Functional organization of the endoplasmic reticulum dictates the susceptibility of target cells to arsenite-induced mitochondrial superoxide formation, mitochondrial dysfunction and apoptosis. Food and Chemical Toxicology, 2021, 156, 112523.	1.8	7
9	Specific contribution of mannose-binding lectin murine isoforms to brain ischemia/reperfusion injury. Cellular and Molecular Immunology, 2020, 17, 218-226.	4.8	16
10	Mannose-binding lectin has a direct deleterious effect on ischemic brain microvascular endothelial cells. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1608-1620.	2.4	12
11	Selenoprotein N is an endoplasmic reticulum calcium sensor that links luminal calcium levels to a redox activity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21288-21298.	3.3	40
12	Targeted deletions of complement lectin pathway genes improve outcome in traumatic brain injury, with MASP-2 playing a major role. Acta Neuropathologica Communications, 2020, 8, 174.	2.4	10
13	Multicentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from the Italian Stroke Organization (ISO) Basic Science networkMulticentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from. BMJ Open Science, 2020, 44, e100063.	0.8	7
14	Combined Genetic Deletion of IL (Interleukin)-4, IL-5, IL-9, and IL-13 Does Not Affect Ischemic Brain Injury in Mice. Stroke, 2019, 50, 2207-2215.	1.0	14
15	Dexamethasone Conjugation to Biodegradable Avidin-Nucleic-Acid-Nano-Assemblies Promotes Selective Liver Targeting and Improves Therapeutic Efficacy in an Autoimmune Hepatitis Murine Model. ACS Nano, 2019, 13, 4410-4423.	7.3	47
16	SELENON (SEPN1) protects skeletal muscle from saturated fatty acid-induced ER stress and insulin resistance. Redox Biology, 2019, 24, 101176.	3.9	41
17	Response by Perego et al to Letter Regarding Article, â€œCombined Genetic Deletion of IL (Interleukin)-4, IL-5, IL-9, and IL-13 Does Not Affect Ischemic Brain Injury in Miceâ€. Stroke, 2019, 50, e330.	1.0	1
18	The phagocytic state of brain myeloid cells after ischemia revealed by superresolution structured illumination microscopy. Journal of Neuroinflammation, 2019, 16, 9.	3.1	20

#	ARTICLE	IF	CITATIONS
19	Exploring Alzheimer's disease mouse brain through X-ray phase contrast tomography: From the cell to the organ. NeuroImage, 2019, 184, 490-495.	2.1	56
20	Human brain trauma severity is associated with lectin complement pathway activation. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 794-807.	2.4	24
21	NEW INSIGHTS INTO CELLULAR FUNCTIONS. Neuromuscular Disorders, 2018, 28, S88.	0.3	0
22	Mannose-Binding Lectin Drives Platelet Inflammatory Phenotype and Vascular Damage After Cerebral Ischemia in Mice via IL (Interleukin)-1Î±. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2678-2690.	1.1	34
23	Pharmacological inhibition of mannose-binding lectin ameliorates neurobehavioral dysfunction following experimental traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 938-950.	2.4	35
24	Targeting Extracellular Cyclophilin A Reduces Neuroinflammation and Extends Survival in a Mouse Model of Amyotrophic Lateral Sclerosis. Journal of Neuroscience, 2017, 37, 1413-1427.	1.7	42
25	Lectin Pathway of Complement Activation Is Associated with Vulnerability of Atherosclerotic Plaques. Frontiers in Immunology, 2017, 8, 288.	2.2	30
26	C-Reactive Protein Binds to Cholesterol Crystals and Co-Localizes with the Terminal Complement Complex in Human Atherosclerotic Plaques. Frontiers in Immunology, 2017, 8, 1040.	2.2	21
27	Macrophages are essential for maintaining a M2 protective response early after ischemic brain injury. Neurobiology of Disease, 2016, 96, 284-293.	2.1	82
28	Lectin Complement Pathway and Its Bloody Interactions in Brain Ischemia. Stroke, 2016, 47, 3067-3073.	1.0	33
29	The Ischemic Environment Drives Microglia and Macrophage Function. Frontiers in Neurology, 2015, 6, 81.	1.1	217
30	Shape descriptors of the â€œnever restingâ€•microglia in three different acute brain injury models in mice. Intensive Care Medicine Experimental, 2015, 3, 39.	0.9	117
31	Mannose-Binding Lectin Is Expressed After Clinical and Experimental Traumatic Brain Injury and Its Deletion Is Protective*. Critical Care Medicine, 2014, 42, 1910-1918.	0.4	49
32	A close look at brain dynamics: Cells and vessels seen by in vivo two-photon microscopy. Progress in Neurobiology, 2014, 121, 36-54.	2.8	18
33	An integrated approach for the systematic evaluation of polymeric nanoparticles in healthy and diseased organisms. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	12
34	Bone Marrow Mesenchymal Stromal Cells Drive Protective M2 Microglia Polarization After Brain Trauma. Neurotherapeutics, 2014, 11, 679-695.	2.1	140
35	Tumor Necrosis Factor in Traumatic Brain Injury: Effects of Genetic Deletion of p55 or p75 Receptor. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1182-1189.	2.4	62
36	CX3CR1 deficiency induces an early protective inflammatory environment in ischemic mice. Glia, 2013, 61, 827-842.	2.5	155

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37	Three-dimensional Confocal Analysis of Microglia/macrophage Markers of Polarization in Experimental Brain Injury. Journal of Visualized Experiments, 2013, , .	0.2	43
38	Targeting Mannose-Binding Lectin Confers Long-Lasting Protection With a Surprisingly Wide Therapeutic Window in Cerebral Ischemia. Circulation, 2012, 126, 1484-1494.	1.6	119
39	Targeting MBL in cerebral ischemia induces long lasting protection with a wide therapeutic window. Immunobiology, 2012, 217, 1207.	0.8	0
40	Human umbilical cord blood mesenchymal stem cells protect mice brain after trauma*. Critical Care Medicine, 2011, 39, 2501-2510.	0.4	130
41	Temporal pattern of expression and colocalization of microglia/macrophage phenotype markers following brain ischemic injury in mice. Journal of Neuroinflammation, 2011, 8, 174.	3.1	412
42	In Vivo Real-Time Multiphoton Imaging of T Lymphocytes in the Mouse Brain After Experimental Stroke. Stroke, 2011, 42, 1429-1436.	1.0	34
43	Neurosphere-Derived Cells Exert a Neuroprotective Action by Changing the Ischemic Microenvironment. PLoS ONE, 2007, 2, e373.	1.1	113