Maxime Gauberti

List of Publications by Year
in descending order

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56	2,435	201385	214527
papers	citations	27	47
		h-index	g-index

65	65	65	3739
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impaired Glymphatic Perfusion After Strokes Revealed by Contrast-Enhanced MRI. Stroke, 2014, 45, 3092-3096.	1.0	305
2	General Anesthesia Inhibits the Activity of the â€œGlymphatic Systemâ€• Theranostics, 2018, 8, 710-722.	4.6	121
3	Potent Thrombolytic Effect of ‹i›N‹/i› -Acetylcysteine on Arterial Thrombi. Circulation, 2017, 136, 646-660.	1.6	112
4	Subarachnoid Hemorrhage Severely Impairs Brain Parenchymal Cerebrospinal Fluid Circulation in Nonhuman Primate. Stroke, 2017, 48, 2301-2305.	1.0	110
5	Hyperfibrinolysis increases bloodâ€“brain barrier permeability by a plasmin- and bradykinin-dependent mechanism. Blood, 2016, 128, 2423-2434.	0.6	104
6	Impact of Tissue Plasminogen Activator on the Neurovascular Unit: From Clinical Data to Experimental Evidence. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2119-2134.	2.4	96
7	Crucial role of the protein corona for the specific targeting of nanoparticles. Nanomedicine, 2015, 10, 215-226.	1.7	96
8	The role of plasminogen activators in stroke treatment: fibrinolysis and beyond. Lancet Neurology, The, 2018, 17, 1121-1132.	4.9	93
9	Ultra-Sensitive Molecular MRI of Vascular Cell Adhesion Molecule-1 Reveals a Dynamic Inflammatory Penumbra After Strokes. Stroke, 2013, 44, 1988-1996.	1.0	92
10	Tissue plasminogen activator prevents white matter damage following stroke. Journal of Experimental Medicine, 2011, 208, 1229-1242.	4.2	72
11	Ischemia-Reperfusion Injury After Endovascular Thrombectomy for Ischemic Stroke. Stroke, 2018, 49, 3071-3074.	1.0	67
12	Molecular magnetic resonance imaging of brainÃ¢â‚¬â€œimmune interactions. Frontiers in Cellular Neuroscience, 2014, 8, 389.	1.8	65
13	Ultra-sensitive molecular MRI of cerebrovascular cell activation enables early detection of chronic central nervous system disorders. NeuroImage, 2012, 63, 760-770.	2.1	64
14	GpIbÎ±-VWF blockade restores vessel patency by dissolving platelet aggregates formed under very high shear rate in mice. Blood, 2014, 123, 3354-3363.	0.6	64
15	Antibodies Preventing the Interaction of Tissue-Type Plasminogen Activator With N-Methyl-‹scp›d‹/scp› -Aspartate Receptors Reduce Stroke Damages and Extend the Therapeutic Window of Thrombolysis. Stroke, 2011, 42, 2315-2322.	1.0	63
16	Absence of TI-VAMP/Vamp7 Leads to Increased Anxiety in Mice. Journal of Neuroscience, 2012, 32, 1962-1968.	1.7	63
17	Molecular Magnetic Resonance Imaging of Endothelial Activation in the Central Nervous System. Theranostics, 2018, 8, 1195-1212.	4.6	55
18	Brain-released alarmins and stress response synergize in accelerating atherosclerosis progression after stroke. Science Translational Medicine, 2018, 10, .	5.8	54

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19	Urokinase versus Alteplase for intraventricular hemorrhage fibrinolysis. Neuropharmacology, 2014, 85, 158-165.	2.0	45
20	Prediction of disease activity in models of multiple sclerosis by molecular magnetic resonance imaging of P-selectin. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6116-6121.	3.3	43
21	tPA promotes ADAMTS-4-induced CSPG degradation, thereby enhancing neuroplasticity following spinal cord injury. Neurobiology of Disease, 2014, 66, 28-42.	2.1	42
22	The â€œinflammatory penumbraâ€•in ischemic stroke: From clinical data to experimental evidence. European Stroke Journal, 2016, 1, 20-27.	2.7	42
23	Molecular magnetic resonance imaging discloses endothelial activation after transient ischaemic attack. Brain, 2017, 140, 146-157.	3.7	40
24	Potential of Olfactory Ensheathing Cells from Different Sources for Spinal Cord Repair. PLoS ONE, 2013, 8, e62860.	1.1	39
25	Recent Advances in Nanomedicine for Ischemic and Hemorrhagic Stroke. Stroke, 2019, 50, 1318-1324.	1.0	38
26	Efficacy of Alteplase in a Mouse Model of Acute Ischemic Stroke. Stroke, 2016, 47, 1312-1318.	1.0	36
27	Early Ultrafast Ultrasound Imaging of Cerebral Perfusion correlates with Ischemic Stroke outcomes and responses to treatment in Mice. Theranostics, 2020, 10, 7480-7491.	4.6	33
28	Memantine Improves Safety of Thrombolysis for Stroke. Stroke, 2012, 43, 2774-2781.	1.0	32
29	Lack of secondary microthrombosis after thrombinâ€•induced stroke in mice and nonâ€•human primates. Journal of Thrombosis and Haemostasis, 2014, 12, 409-414.	1.9	27
30	Unmasking Silent Endothelial Activation in the Cardiovascular System Using Molecular Magnetic Resonance Imaging. Theranostics, 2015, 5, 1187-1202.	4.6	26
31	Preclinical Evidence Toward the Use of Ketamine for Recombinant Tissue-Type Plasminogen Activator-Mediated Thrombolysis Under Anesthesia or Sedation. Stroke, 2011, 42, 2947-2949.	1.0	25
32	Thrombolytic strategies for ischemic stroke in the thrombectomy era. Journal of Thrombosis and Haemostasis, 2021, 19, 1618-1628.	1.9	25
33	Impact of Bradykinin Generation During Thrombolysis in Ischemic Stroke. Frontiers in Medicine, 2018, 5, 195.	1.2	23
34	Reduced spinal cord parenchymal cerebrospinal fluid circulation in experimental autoimmune encephalomyelitis. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1258-1265.	2.4	23
35	Thrombectomy Complications in Large Vessel Occlusions: Incidence, Predictors, and Clinical Impact in the ETIS Registry. Stroke, 2021, 52, e764-e768.	1.0	22
36	Thrombotic Stroke in the Anesthetized Monkey <i>(Macaca mulatta)</i>: Characterization by MRI â€“ A Pilot Study. Cerebrovascular Diseases, 2012, 33, 329-339.	0.8	21

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37	Immunotherapy blocking the tissue plasminogen activator-dependent activation of N-methyl-d-aspartate glutamate receptors improves hemorrhagic stroke outcome. Neuropharmacology, 2013, 67, 267-271.	2.0	16
38	Intracerebral Hematomas Disappear on T2*-Weighted Images During Normobaric Oxygen Therapy. Stroke, 2013, 44, 3482-3489.	1.0	15
39	Vascular Tissue-Type Plasminogen Activator Promotes Intracranial Aneurysm Formation. Stroke, 2017, 48, 2574-2582.	1.0	14
40	Delayed Cerebral Ischemia After Subarachnoid Hemorrhage: Is There a Relevant Experimental Model? A Systematic Review of Preclinical Literature. Frontiers in Cardiovascular Medicine, 2021, 8, 752769.	1.1	14
41	Time from <scp>I.V.</scp> Thrombolysis to Thrombectomy and Outcome in Acute Ischemic Stroke. Annals of Neurology, 2021, 89, 511-519.	2.8	13
42	Nano-zymography Using Laser-Scanning Confocal Microscopy Unmasks Proteolytic Activity of Cell-Derived Microparticles. Theranostics, 2016, 6, 610-626.	4.6	12
43	Impact of Alcohol Consumption on the Outcome of Ischemic Stroke and Thrombolysis. Stroke, 2015, 46, 1641-1650.	1.0	11
44	Susceptibility Vessel Sign in Relation With Time From Onset to Magnetic Resonance Imaging. Stroke, 2021, 52, 1839-1842.	1.0	10
45	Cerebrospinal fluid flow increases from newborn to adult stages. Developmental Neurobiology, 2018, 78, 851-858.	1.5	9
46	Ultrasensitive molecular imaging of intestinal mucosal inflammation using leukocyte-mimicking particles targeted to MAdCAM-1 in mice. Science Translational Medicine, 2020, 12, .	5.8	9
47	Letter by Gauberti and Vivien Regarding Article, â€œAmplification of Regulatory T Cells Using a CD28 Superagonist Reduces Brain Damage After Ischemic Stroke in Miceâ€. Stroke, 2015, 46, e50-1.	1.0	8
48	Molecular MRI of Neuroinflammation: Time to Overcome the Translational Roadblock. Neuroscience, 2021, 474, 30-36.	1.1	7
49	Tracking the immune response by MRI using biodegradable and ultrasensitive microprobes. Science Advances, 2022, 8, .	4.7	6
50	Molecular Magnetic Resonance Imaging (mMRI). Methods in Molecular Biology, 2018, 1718, 315-327.	0.4	3
51	Valproic acid: a relevant thromboprophylactic strategy?. Journal of Thrombosis and Haemostasis, 2016, 14, 2493-2495.	1.9	2
52	Factor XII protects neurons from apoptosis by epidermal and hepatocyte growth factor receptorâ€dependent mechanisms. Journal of Thrombosis and Haemostasis, 2021, 19, 2235-2247.	1.9	2
53	Modification of apparent intracerebral hematoma volume on T2 â^— -weighted images during normobaric oxygen therapy may contribute to false diagnosis. Journal of Clinical Neuroscience, 2018, 52, 105-108.	0.8	1
54	Reperfusion in acute ischaemic stroke by sonothrombolysis. Lancet Neurology, The, 2019, 18, 320-321.	4.9	1

#	Article	IF	Citations
55	ECâ€01â€03: IMPACT OF GENERAL ANESTHESIA ON INTRAPARENCHYMAL CSF CIRCULATION: IMPLICATIONS FOR ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P211.	0.4	0
56	Response by Gauberti et al to Letter Regarding Article, â€œIschemia-Reperfusion Injury After Endovascular Thrombectomy for Ischemic Strokeâ€. Stroke, 2019, 50, e99.	1.0	0