

# cyrille Orset

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,512  
citations

304743

22  
h-index

315739

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of a preclinical randomized controlled multicenter trial (pRCT): Anti-CD49d treatment for acute brain ischemia. <i>Science Translational Medicine</i> , 2015, 7, 299ra121.	12.4	207
2	Mouse Model of In Situ Thromboembolic Stroke and Reperfusion. <i>Stroke</i> , 2007, 38, 2771-2778.	2.0	176
3	Hyperfibrinolysis increases blood-brain barrier permeability by a plasmin- and bradykinin-dependent mechanism. <i>Blood</i> , 2016, 128, 2423-2434.	1.4	104
4	The brain-specific tissue-type plasminogen activator inhibitor, neuroserpin, protects neurons against excitotoxicity both in vitro and in vivo. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 552-558.	2.2	71
5	Nicotinamide riboside, a form of vitamin B <sub>3</sub> , protects against excitotoxicity-induced axonal degeneration. <i>FASEB Journal</i> , 2017, 31, 5440-5452.	0.5	70
6	GpIb $\alpha$ -VWF blockade restores vessel patency by dissolving platelet aggregates formed under very high shear rate in mice. <i>Blood</i> , 2014, 123, 3354-3363.	1.4	64
7	Antibodies Preventing the Interaction of Tissue-Type Plasminogen Activator With N-Methyl-D-Aspartate Receptors Reduce Stroke Damages and Extend the Therapeutic Window of Thrombolysis. <i>Stroke</i> , 2011, 42, 2315-2322.	2.0	63
8	A cross-laboratory preclinical study on the effectiveness of interleukin-1 receptor antagonist in stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 596-605.	4.3	61
9	Activation of cell surface GRP78 decreases endoplasmic reticulum stress and neuronal death. <i>Cell Death and Differentiation</i> , 2017, 24, 1518-1529.	11.2	56
10	Recombinant Desmodus rotundus Salivary Plasminogen Activator Crosses the Blood-Brain Barrier Through a Low-Density Lipoprotein Receptor-Related Protein-Dependent Mechanism Without Exerting Neurotoxic Effects. <i>Stroke</i> , 2007, 38, 1036-1043.	2.0	55
11	Brain-released alarmins and stress response synergize in accelerating atherosclerosis progression after stroke. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	54
12	3D Transcranial Ultrasound Localization Microscopy in the Rat Brain With a Multiplexed Matrix Probe. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 2132-2142.	4.2	47
13	Urokinase versus Alteplase for intraventricular hemorrhage fibrinolysis. <i>Neuropharmacology</i> , 2014, 85, 158-165.	4.1	45
14	Cervical artery tortuosity is associated with intracranial aneurysm. <i>International Journal of Stroke</i> , 2017, 12, 549-552.	5.9	41
15	Molecular magnetic resonance imaging discloses endothelial activation after transient ischaemic attack. <i>Brain</i> , 2017, 140, 146-157.	7.6	40
16	Efficacy of Alteplase in a Mouse Model of Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1312-1318.	2.0	36
17	Selective inhibition of GluN2D-containing N-methyl-D-aspartate receptors prevents tissue plasminogen activator-promoted neurotoxicity both in vitro and in vivo. <i>Molecular Neurodegeneration</i> , 2011, 6, 68.	10.8	33
18	Experimental modeling of recombinant tissue plasminogen activator effects after ischemic stroke. <i>Experimental Neurology</i> , 2012, 238, 138-144.	4.1	33

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19	Early Ultrafast Ultrasound Imaging of Cerebral Perfusion correlates with Ischemic Stroke outcomes and responses to treatment in Mice. <i>Theranostics</i> , 2020, 10, 7480-7491.	10.0	33
20	Analysis of serotonin in brain microdialysates using capillary electrophoresis and native laser-induced fluorescence detection. <i>Electrophoresis</i> , 2005, 26, 1071-1079.	2.4	32
21	Memantine Improves Safety of Thrombolysis for Stroke. <i>Stroke</i> , 2012, 43, 2774-2781.	2.0	32
22	Dopamine transporters are involved in the onset of hypoxia-induced dopamine efflux in striatum as revealed by in vivo microdialysis. <i>Neurochemistry International</i> , 2005, 46, 623-633.	3.8	23
23	Circulating tPA contributes to neurovascular coupling by a mechanism involving the endothelial NMDA receptors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2038-2054.	4.3	23
24	Thrombotic Stroke in the Anesthetized Monkey <i>(Macaca mulatta)</i>; Characterization by MRI – A Pilot Study. <i>Cerebrovascular Diseases</i> , 2012, 33, 329-339.	1.7	21
25	Blood transcriptomic biomarker as a surrogate of ischemic brain gene expression. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1681-1695.	3.7	17
26	Vascular Tissue-Type Plasminogen Activator Promotes Intracranial Aneurysm Formation. <i>Stroke</i> , 2017, 48, 2574-2582.	2.0	14
27	Distant Space Processing is Controlled by tPA-dependent NMDA Receptor Signaling in the Entorhinal Cortex. <i>Cerebral Cortex</i> , 2016, 27, 4783-4796.	2.9	12
28	PI3K $\beta$ inactivation stabilizes VE-cadherin junctions and preserves vascular integrity. <i>EMBO Reports</i> , 2021, 22, e51299.	4.5	12
29	Validation of a stroke model in rat compatible with rt-PA-induced thrombolysis: new hope for successful translation to the clinic. <i>Scientific Reports</i> , 2020, 10, 12191.	3.3	7
30	Single- and two- chain tissue type plasminogen activator treatments differentially influence cerebral recovery after stroke. <i>Experimental Neurology</i> , 2021, 338, 113606.	4.1	7
31	tPA-NMDAR Signaling Blockade Reduces the Incidence of Intracerebral Aneurysms. <i>Translational Stroke Research</i> , 2022, 13, 1005-1016.	4.2	5
32	Plasminogen in cerebrospinal fluid originates from circulating blood. <i>Journal of Neuroinflammation</i> , 2014, 11, 154.	7.2	4
33	Combination treatment with U0126 and rt-PA prevents adverse effects of the delayed rt-PA treatment after acute ischemic stroke. <i>Scientific Reports</i> , 2021, 11, 11993.	3.3	4
34	Rodent Models of Thromboembolic Stroke. <i>NeuroMethods</i> , 2010, , 55-70.	0.3	4
35	Ceruletide and Alpha-1 Antitrypsin as a Novel Combination Therapy for Ischemic Stroke. <i>Neurotherapeutics</i> , 2022, 19, 513-527.	4.4	2
36	NMDA receptors inhibit the mild hypoxia-induced dopamine efflux in the rat striatum. <i>Synapse</i> , 2006, 59, 458-461.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Modification of apparent intracerebral hematoma volume on T2 $\hat{=}$ -weighted images during normobaric oxygen therapy may contribute to false diagnosis. <i>Journal of Clinical Neuroscience</i> , 2018, 52, 105-108.	1.5	1
38	Long-Term Anxiety-like Behavior and Microbiota Changes Induced in Mice by Sublethal Doses of Acute Sarin Surrogate Exposure. <i>Biomedicines</i> , 2022, 10, 1167.	3.2	1