

Sandrine Morel

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,198
citations

361296

20
h-index

395590

33
g-index

40
all docs

40
docs citations

40
times ranked

2112
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , 2020, 52, 1303-1313.	9.4	163
2	Role of connexin 43 in different forms of intercellular communication – gap junctions, extracellular vesicles and tunnelling nanotubes. <i>Journal of Cell Science</i> , 2017, 130, 3619-3630.	1.2	119
3	PHASES Score for the Management of Intracranial Aneurysm. <i>Stroke</i> , 2017, 48, 2105-2112.	1.0	118
4	Diabetes Mellitus Is Associated With Reduced High-Density Lipoprotein Sphingosine-1-Phosphate Content and Impaired High-Density Lipoprotein Cardiac Cell Protection. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 817-824.	1.1	61
5	Role of hemodynamics in initiation/growth of intracranial aneurysms. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12992.	1.7	57
6	Targeting Connexin 43 Prevents Platelet-Derived Growth Factor- β -Induced Phenotypic Change in Porcine Coronary Artery Smooth Muscle Cells. <i>Circulation Research</i> , 2008, 102, 653-660.	2.0	56
7	Sphingosine-1-phosphate reduces ischaemia-reperfusion injury by phosphorylating the gap junction protein Connexin43. <i>Cardiovascular Research</i> , 2016, 109, 385-396.	1.8	55
8	Unexpected role for the human Cx37 C1019T polymorphism in tumour cell proliferation. <i>Carcinogenesis</i> , 2010, 31, 1922-1931.	1.3	41
9	Unruptured intracranial aneurysm follow-up and treatment after morphological change is safe: observational study and systematic review. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1277-1282.	0.9	39
10	The natural cardioprotective particle HDL modulates connexin43 gap junction channels. <i>Cardiovascular Research</i> , 2012, 93, 41-49.	1.8	37
11	Functional role of a polymorphism in the Pannexin1 gene in collagen-induced platelet aggregation. <i>Thrombosis and Haemostasis</i> , 2015, 114, 325-336.	1.8	34
12	Correlating Clinical Risk Factors and Histological Features in Ruptured and Unruptured Human Intracranial Aneurysms: The Swiss AneuX Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 555-566.	0.9	34
13	Endothelial Cx40 limits myocardial ischaemia/reperfusion injury in mice. <i>Cardiovascular Research</i> , 2014, 102, 329-337.	1.8	30
14	Connexins participate in the initiation and progression of atherosclerosis. <i>Seminars in Immunopathology</i> , 2009, 31, 49-61.	2.8	29
15	Mutations in cardiovascular connexin genes. <i>Biology of the Cell</i> , 2014, 106, 269-293.	0.7	29
16	Multiple Roles of Connexins in Atherosclerosis- and Restenosis-Induced Vascular Remodelling. <i>Journal of Vascular Research</i> , 2014, 51, 149-161.	0.6	27
17	Disturbed flow induces a sustained, stochastic NF- κ B activation which may support intracranial aneurysm growth in vivo. <i>Scientific Reports</i> , 2019, 9, 4738.	1.6	25
18	Molecular role of Cx37 in advanced atherosclerosis: A micro-array study. <i>Atherosclerosis</i> , 2009, 206, 69-76.	0.4	24

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19	Canonical and Non-Canonical Roles of Connexin43 in Cardioprotection. <i>Biomolecules</i> , 2020, 10, 1225.	1.8	24
20	Brief reoxygenation episodes during chronic hypoxia enhance posthypoxic recovery of LV function. <i>Basic Research in Cardiology</i> , 2006, 101, 336-345.	2.5	20
21	Titration of the gap junction protein Connexin43 reduces atherogenesis. <i>Thrombosis and Haemostasis</i> , 2014, 112, 390-401.	1.8	19
22	Pannexin1 links lymphatic function to lipid metabolism and atherosclerosis. <i>Scientific Reports</i> , 2017, 7, 13706.	1.6	18
23	Roles of Connexins in Atherosclerosis and Ischemia-Reperfusion Injury. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 17-26.	0.9	16
24	Common Data Elements for Subarachnoid Hemorrhage and Unruptured Intracranial Aneurysms: Recommendations from the Working Group on Subject Characteristics. <i>Neurocritical Care</i> , 2019, 30, 20-27.	1.2	12
25	Selective inhibition of Panx1 channels decreases hemostasis and thrombosis in vivo. <i>Thrombosis Research</i> , 2019, 183, 56-62.	0.8	12
26	Primary cilia control endothelial permeability by regulating expression and location of junction proteins. <i>Cardiovascular Research</i> , 2022, 118, 1583-1596.	1.8	12
27	Shape irregularity of the intracranial aneurysm lumen exhibits diagnostic value. <i>Acta Neurochirurgica</i> , 2020, 162, 2261-2270.	0.9	10
28	Effects of Low and High Aneurysmal Wall Shear Stress on Endothelial Cell Behavior: Differences and Similarities. <i>Frontiers in Physiology</i> , 2021, 12, 727338.	1.3	10
29	Activation of the Hypoxia-Inducible Factor Pathway Inhibits Epithelial Sodium Channel-Mediated Sodium Transport in Collecting Duct Principal Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 3130-3145.	3.0	9
30	Intracranial aneurysm wall (in)stability—current state of knowledge and clinical perspectives. <i>Neurosurgical Review</i> , 2022, 45, 1233-1253.	1.2	9
31	Sex-related differences in wall remodeling and intraluminal thrombus resolution in a rat saccular aneurysm model. <i>Journal of Neurosurgery</i> , 2019, , 1-14.	0.9	8
32	Effect of Aneurysm and Patient Characteristics on Intracranial Aneurysm Wall Thickness. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775307.	1.1	8
33	Bayesian network analysis reveals the interplay of intracranial aneurysm rupture risk factors. <i>Computers in Biology and Medicine</i> , 2022, 147, 105740.	3.9	8
34	Detecting early myocardial ischemia in rat heart by MALDI imaging mass spectrometry. <i>Scientific Reports</i> , 2021, 11, 5135.	1.6	6
35	Genome-Wide Association Study of Clinical Outcome After Aneurysmal Subarachnoid Haemorrhage: Protocol. <i>Translational Stroke Research</i> , 2022, 13, 565-576.	2.3	5
36	Vascular Connexins in Restenosis After Balloon Injury. <i>Methods in Molecular Biology</i> , 2013, 1037, 381-398.	0.4	4

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37	Plea for an international Aneurysm Data Bank: description and perspectives. Neurosurgical Focus, 2019, 47, E17.	1.0	4
38	A Genetic Polymorphism in the Pannexin1 Gene Predisposes for The Development of Endothelial Dysfunction with Increasing BMI. Biomolecules, 2020, 10, 208.	1.8	2