John J Schwarz

List of Publications by Year
in descending order

26 papers	2,412 citations	361045 20 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	3717 citing authors

#	Article	IF	Citations
1	MEF2 (Myocyte Enhancer Factor 2) Is Essential for Endothelial Homeostasis and the Atheroprotective Gene Expression Program. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1105-1123.	1.1	27
2	Cardiomyocyte orientation modulated by the Numb family proteinsâ€“N-cadherin axis is essential for ventricular wall morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15560-15569.	3.3	22
3	Cell chirality regulates intercellular junctions and endothelial permeability. Science Advances, 2018, 4, eaat2111.	4.7	45
4	Therapeutic Engagement of the Histone Deacetylase IIAâ€“Myocyte Enhancer Factor 2 Axis Improves Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1345-1348.	2.5	14
5	Intercellular junctions and endothelial permeability are regulated by cell chirality. FASEB Journal, 2018, 32, lb239.	0.2	0
6	Endothelial Myocyte Enhancer Factor 2c Inhibits Migration of Smooth Muscle Cells Through Fenestrations in the Internal Elastic Lamina. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1380-1390.	1.1	24
7	The Hemoglobin Homolog Cytoglobin in Smooth Muscle Inhibits Apoptosis and Regulates Vascular Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1944-1955.	1.1	24
8	MEF2 transcription factors are key regulators of sprouting angiogenesis. Genes and Development, 2016, 30, 2297-2309.	2.7	73
9	Ca²⁺/calmodulinâ€dependent protein kinase IIâ€Î³ (CaMKIIÎ³) negatively regulates vascular smooth muscle cell proliferation and vascular remodeling. FASEB Journal, 2016, 30, 1051-1064.	0.2	28
10	Venous Endothelial Marker COUP-TFII Regulates the Distinct Pathologic Potentials of Adult Arteries and Veins. Scientific Reports, 2015, 5, 16193.	1.6	43
11	Numb family proteins are essential for cardiac morphogenesis and progenitor differentiation. Development (Cambridge), 2014, 141, 281-295.	1.2	50
12	Deletion of Yes-Associated Protein (YAP) Specifically in Cardiac and Vascular Smooth Muscle Cells Reveals a Crucial Role for YAP in Mouse Cardiovascular Development. Circulation Research, 2014, 114, 957-965.	2.0	106
13	MEF2 is regulated by CaMKIIÎ´2 and a HDAC4â€“HDAC5 heterodimer in vascular smooth muscle cells. Biochemical Journal, 2012, 444, 105-114.	1.7	48
14	MEF2C Ablation in Endothelial Cells Reduces Retinal Vessel Loss and Suppresses Pathologic Retinal Neovascularization in Oxygen-Induced Retinopathy. American Journal of Pathology, 2012, 180, 2548-2560.	1.9	43
15	MEF2 activity is required for maintenance of endothelial barrier function and vessel integrity. FASEB Journal, 2010, 24, 235.7.	0.2	0
16	Transcription factor Mef2c is required for B cell proliferation and survival after antigen receptor stimulation. Nature Immunology, 2008, 9, 603-612.	7.0	145
17	Transcription factor MEF2C influences neural stem/progenitor cell differentiation and maturation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9397-9402.	3.3	209
18	A p38 MAPK-MEF2C pathway regulates B-cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17067-17072.	3.3	94

#	Article	IF	Citations
19	The Transcription Factor MEF2C Is Required for Craniofacial Development. Developmental Cell, 2007, 12, 645-652.	3.1	118
20	MEF2C is required for the normal allocation of cells between the ventricular and sinoatrial precursors of the primary heart field. Developmental Dynamics, 2006, 235, 1809-1821.	0.8	41
21	Generation of conditionalMef2cloxP/loxP mice for temporal- and tissue-specific analyses. Genesis, 2005, 43, 43-48.	0.8	53
22	The Transcription Factor MEF2C-Null Mouse Exhibits Complex Vascular Malformations and Reduced Cardiac Expression of Angiopoietin 1 and VEGF. Developmental Biology, 1999, 211, 255-267.	0.9	169
23	Control of Mouse Cardiac Morphogenesis and Myogenesis by Transcription Factor MEF2C. Science, 1997, 276, 1404-1407.	6.0	887
24	Liposomal Induction of NO Synthase Expression in Cultured Vascular Smooth Muscle Cells. Biochemical and Biophysical Research Communications, 1997, 231, 780-783.	1.0	8
25	Myocyte Enhancer Binding Factor-2 Expression and Activity in Vascular Smooth Muscle Cells. Circulation Research, 1996, 78, 196-204.	2.0	88
26	The intergenic region of maize streak virus contains a GC-rich element that activates rightward transcription and binds maize nuclear factors. Plant Molecular Biology, 1990, 15, 865-877.	2.0	53