

John J Schwarz

List of Publications by Year in descending order

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Version: 2024-02-01

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	Control of Mouse Cardiac Morphogenesis and Myogenesis by Transcription Factor MEF2C. <i>Science</i> , 1997, 276, 1404-1407.	6.0	887
2	Transcription factor MEF2C influences neural stem/progenitor cell differentiation and maturation <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9397-9402.	3.3	209
3	The Transcription Factor MEF2C-Null Mouse Exhibits Complex Vascular Malformations and Reduced Cardiac Expression of Angiopoietin 1 and VEGF. <i>Developmental Biology</i> , 1999, 211, 255-267.	0.9	169
4	Transcription factor Mef2c is required for B cell proliferation and survival after antigen receptor stimulation. <i>Nature Immunology</i> , 2008, 9, 603-612.	7.0	145
5	The Transcription Factor MEF2C Is Required for Craniofacial Development. <i>Developmental Cell</i> , 2007, 12, 645-652.	3.1	118
6	Deletion of Yes-Associated Protein (YAP) Specifically in Cardiac and Vascular Smooth Muscle Cells Reveals a Crucial Role for YAP in Mouse Cardiovascular Development. <i>Circulation Research</i> , 2014, 114, 957-965.	2.0	106
7	A p38 MAPK-MEF2C pathway regulates B-cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17067-17072.	3.3	94
8	Myocyte Enhancer Binding Factor-2 Expression and Activity in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 1996, 78, 196-204.	2.0	88
9	MEF2 transcription factors are key regulators of sprouting angiogenesis. <i>Genes and Development</i> , 2016, 30, 2297-2309.	2.7	73
10	The intergenic region of maize streak virus contains a GC-rich element that activates rightward transcription and binds maize nuclear factors. <i>Plant Molecular Biology</i> , 1990, 15, 865-877.	2.0	53
11	Generation of conditional Mef2 ^{loxP/loxP} mice for temporal- and tissue-specific analyses. <i>Genesis</i> , 2005, 43, 43-48.	0.8	53
12	Numb family proteins are essential for cardiac morphogenesis and progenitor differentiation. <i>Development (Cambridge)</i> , 2014, 141, 281-295.	1.2	50
13	MEF2 is regulated by CaMKII β and a HDAC4/HDAC5 heterodimer in vascular smooth muscle cells. <i>Biochemical Journal</i> , 2012, 444, 105-114.	1.7	48
14	Cell chirality regulates intercellular junctions and endothelial permeability. <i>Science Advances</i> , 2018, 4, eaat2111.	4.7	45
15	MEF2C Ablation in Endothelial Cells Reduces Retinal Vessel Loss and Suppresses Pathologic Retinal Neovascularization in Oxygen-Induced Retinopathy. <i>American Journal of Pathology</i> , 2012, 180, 2548-2560.	1.9	43
16	Venous Endothelial Marker COUP-TFII Regulates the Distinct Pathologic Potentials of Adult Arteries and Veins. <i>Scientific Reports</i> , 2015, 5, 16193.	1.6	43
17	MEF2C is required for the normal allocation of cells between the ventricular and sinoatrial precursors of the primary heart field. <i>Developmental Dynamics</i> , 2006, 235, 1809-1821.	0.8	41
18	Ca ²⁺ /calmodulin-dependent protein kinase II β (CaMKII β) negatively regulates vascular smooth muscle cell proliferation and vascular remodeling. <i>FASEB Journal</i> , 2016, 30, 1051-1064.	0.2	28

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19	MEF2 (Myocyte Enhancer Factor 2) Is Essential for Endothelial Homeostasis and the Atheroprotective Gene Expression Program. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1105-1123.	1.1	27
20	Endothelial Myocyte Enhancer Factor 2c Inhibits Migration of Smooth Muscle Cells Through Fenestrations in the Internal Elastic Lamina. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1380-1390.	1.1	24
21	The Hemoglobin Homolog Cytooglobin in Smooth Muscle Inhibits Apoptosis and Regulates Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1944-1955.	1.1	24
22	Cardiomyocyte orientation modulated by the Numb family proteinsâ€N-cadherin axis is essential for ventricular wall morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15560-15569.	3.3	22
23	Therapeutic Engagement of the Histone Deacetylase IIAsâ€Myocyte Enhancer Factor 2 Axis Improves Experimental Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1345-1348.	2.5	14
24	Liposomal Induction of NO Synthase Expression in Cultured Vascular Smooth Muscle Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 780-783.	1.0	8
25	MEF2 activity is required for maintenance of endothelial barrier function and vessel integrity. <i>FASEB Journal</i> , 2010, 24, 235.7.	0.2	0
26	Intercellular junctions and endothelial permeability are regulated by cell chirality. <i>FASEB Journal</i> , 2018, 32, lb239.	0.2	0