Harold A Singer

List of Publications by Year
in descending order

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34 papers	1,309 citations	430442 18 h-index	454577 30 g-index
36 all docs	36 docs citations	36 times ranked	2374 citing authors

#	Article	IF	Citations
1	Deaccelerated Myogenesis and Autophagy in Genetically Induced Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 623-637.	1.4	12
2	Large-Scale Multi-omic Analysis of COVID-19 Severity. Cell Systems, 2021, 12, 23-40.e7.	2.9	438
3	Unique inflammatory profile is associated with higher SARS-CoV-2 acute respiratory distress syndrome (ARDS) mortality. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R250-R257.	0.9	21
4	CaMKIIÎ´ is upregulated by proâ€inflammatory cytokine ILâ€6 in a JAK/STAT3â€dependent manner to promote angiogenesis. FASEB Journal, 2021, 35, e21437.	0.2	11
5	Blood DNA methylation and COVID-19 outcomes. Clinical Epigenetics, 2021, 13, 118.	1.8	68
6	MKL1 cooperates with p38MAPK to promote vascular senescence, inflammation, and abdominal aortic aneurysm. Redox Biology, 2021, 41, 101903.	3.9	29
7	MLKL and CaMKII Are Involved in RIPK3-Mediated Smooth Muscle Cell Necroptosis. Cells, 2021, 10, 2397.	1.8	11
8	SDH Subunit C Regulates Muscle Oxygen Consumption and Fatigability in an Animal Model of Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 259-271.	1.4	9
9	Adipocyte CAMK2 deficiency improves obesity-associated glucose intolerance. Molecular Metabolism, 2021, 53, 101300.	3.0	15
10	IL-13-driven pulmonary emphysema leads to skeletal muscle dysfunction attenuated by endurance exercise. Journal of Applied Physiology, 2020, 128, 134-148.	1.2	18
11	CaMKIIÎ´ Is Necessary for Endothelial Cell Migration and Regulates Spouting Angiogenesis through Modification of MEF2â€dependent Gene Expression. FASEB Journal, 2020, 34, 1-1.	0.2	1
12	Thymine DNA glycosylase is a key regulator of CaMKIIÎ³ expression and vascular smooth muscle phenotype. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H969-H980.	1.5	4
13	Vascular smooth muscle-MAPK14 is required for neointimal hyperplasia by suppressing VSMC differentiation and inducing proliferation and inflammation. Redox Biology, 2019, 22, 101137.	3.9	46
14	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
15	Transcriptional Upregulation of CaMKIIÎ´ through the JAK/STAT3 Pathway is Necessary for the ILâ€6â€Dependent Increase in Endothelial Cell Migration. FASEB Journal, 2019, 33, 706.1.	0.2	0
16	Notch signaling regulates Hey2 expression in a spatiotemporal dependent manner during cardiac morphogenesis and trabecular specification. Scientific Reports, 2018, 8, 2678.	1.6	20
17	Transforming growth factor Î²1 suppresses proinflammatory gene program independent of its regulation on vascular smooth muscle differentiation and autophagy. Cellular Signalling, 2018, 50, 160-170.	1.7	13
18	Selective expression of TSPAN2 in vascular smooth muscle is independently regulated by TGFâ€Î²1/SMAD and myocardin/serum response factor. FASEB Journal, 2017, 31, 2576-2591.	0.2	27

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19	CDC42 is required for epicardial and pro-epicardial development by mediating FGF receptor trafficking to the plasma membrane. Development (Cambridge), 2017, 144, 1635-1647.	1.2	20
20	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
21	Dual Function for Mature Vascular Smooth Muscle Cells During Arteriovenous Fistula Remodeling. Journal of the American Heart Association, 2017, 6, .	1.6	34
22	Single-Cell Lineage Tracing Reveals that Oriented Cell Division Contributes to Trabecular Morphogenesis and Regional Specification. Cell Reports, 2016, 15, 158-170.	2.9	45
23	MYOSLID Is a Novel Serum Response Factorâ€“Dependent Long Noncoding RNA That Amplifies the Vascular Smooth Muscle Differentiation Program. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2088-2099.	1.1	93
24	MicroRNA-30 inhibits neointimal hyperplasia by targeting Ca2+/calmodulin-dependent protein kinase IIΊ (CaMKIIΊ). Scientific Reports, 2016, 6, 26166.	1.6	25
25	Ca²⁺/calmodulinâ€dependent protein kinase IIâ€Î³ (CaMKIIΊ³) negatively regulates vascular smooth muscle cell proliferation and vascular remodeling. FASEB Journal, 2016, 30, 1051-1064.	0.2	28
26	A small molecule PAI-1 functional inhibitor attenuates neointimal hyperplasia and vascular smooth muscle cell survival by promoting PAI-1 cleavage. Cellular Signalling, 2015, 27, 923-933.	1.7	19
27	Smooth muscle CaMKIIΊ promotes allergen-induced airway hyperresponsiveness and inflammation. Pflugers Archiv European Journal of Physiology, 2015, 467, 2541-2554.	1.3	9
28	CaMKIIΊ-dependent Inhibition of cAMP-response Element-binding Protein Activity in Vascular Smooth Muscle. Journal of Biological Chemistry, 2013, 288, 33519-33529.	1.6	26
29	Role of Ca 2+ /Calmodulinâ€dependent Protein Kinase II (CaMKII) in Endothelial Cells. FASEB Journal, 2009, 23, 637.2.	0.2	0
30	CaMKIIâ€dependent regulation of HDAC4/5 and gene transcription in vascular smooth muscle cells. FASEB Journal, 2009, 23, 300.3.	0.2	0
31	Ca 2+ â€calmodulinâ€dependent protein kinase IIâ€dependent activation of contractility in ferret aorta. Journal of Physiology, 2000, 526, 367-374.	1.3	91
32	Ca2+-induced redistribution of Ca2+/calmodulin-dependent protein kinase II associated with an endoplasmic reticulum stress response in vascular smooth muscle. Molecular and Cellular Biochemistry, 2000, 213, 83-92.	1.4	18
33	Inhibition of CaM kinase II activation and force maintenance by KN-93 in arterial smooth muscle. American Journal of Physiology - Cell Physiology, 2000, 278, C537-C545.	2.1	80
34	Role of platelet factor 4 in arteriovenous fistula maturation failure: What do we know so far?. Journal of Vascular Access, 0, , 112972982210854.	0.5	2