Nicholas E S Sibinga

List of Publications by Year
in descending order

42 papers	1,459 citations	393982 19 h-index	344852 36 g-index
44 all docs	44 docs citations	44 times ranked	2622 citing authors

#	Article	IF	Citations
1	Absence of heme oxygenaseâ€1 exacerbates atherosclerotic lesion formation and vascular remodeling. FASEB Journal, 2003, 17, 1759-1761.	0.2	261
2	A functional genomics predictive network model identifies regulators of inflammatory bowel disease. Nature Genetics, 2017, 49, 1437-1449.	9.4	199
3	UPREGULATION OF CYTOKINES ASSOCIATED WITH MACROPHAGE ACTIVATION IN THE LEWIS-TO-F344 RAT TRANSPLANTATION MODEL OF CHRONIC CARDIAC REJECTION1,2. Transplantation, 1995, 59, 572-578.	0.5	133
4	FAT1 mutations cause a glomerulotubular nephropathy. Nature Communications, 2016, 7, 10822.	5.8	99
5	The Fat1 cadherin integrates vascular smooth muscle cell growth and migration signals. Journal of Cell Biology, 2006, 173, 417-429.	2.3	88
6	Collagen VIII Is Expressed by Vascular Smooth Muscle Cells in Response to Vascular Injury. Circulation Research, 1997, 80, 532-541.	2.0	75
7	Embryonic Expression Suggests an Important Role for CRP2/SmLIM in the Developing Cardiovascular System. Circulation Research, 1998, 83, 980-985.	2.0	59
8	Cyclin A transcriptional suppression is the major mechanism mediating homocysteine-induced endothelial cell growth inhibition. Blood, 2002, 99, 939-945.	0.6	59
9	Control of mitochondrial function and cell growth by the atypical cadherin Fat1. Nature, 2016, 539, 575-578.	13.7	52
10	Atrophin Proteins Interact with the Fat1 Cadherin and Regulate Migration and Orientation in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2009, 284, 6955-6965.	1.6	40
11	Plasminogen Is Not Required for Neointima Formation in a Mouse Model of Vein Graft Stenosis. Circulation Research, 1999, 84, 883-890.	2.0	37
12	Altered synaptic connectivity and brain function in mice lacking microglial adapter protein Iba1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
13	Uncontrolled angiogenic precursor expansion causes coronary artery anomalies in mice lacking Pofut1. Nature Communications, 2017, 8, 578.	5.8	32
14	Î²-Catenin C-terminal signals suppress p53 and are essential for artery formation. Nature Communications, 2016, 7, 12389.	5.8	31
15	Macrophage-restricted and Interferon Î³-inducible Expression of the Allograft Inflammatory Factor-1 Gene Requires Pu.1. Journal of Biological Chemistry, 2002, 277, 16202-16210.	1.6	30
16	Protective role of chaperone-mediated autophagy against atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121133119.	3.3	29
17	Allograft inflammatory factor-1 supports macrophage survival and efferocytosis and limits necrosis in atherosclerotic plaques. Atherosclerosis, 2019, 289, 184-194.	0.4	26
18	Three-Dimensional Imaging Provides Detailed Atherosclerotic Plaque Morphology and Reveals Angiogenesis After Carotid Artery Ligation. Circulation Research, 2020, 126, 619-632.	2.0	25

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19	Loss of Allograft Inflammatory Factor-1 Ameliorates Experimental Autoimmune Encephalomyelitis by Limiting Encephalitogenic CD4 T-Cell Expansion. Molecular Medicine, 2015, 21, 233-241.	1.9	24
20	Genetic inactivation of the allograft inflammatory factorâ€1 locus. Genesis, 2013, 51, 734-740.	0.8	18
21	Inhibition of Smooth Muscle Î²-Catenin Hinders Neointima Formation After Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 879-888.	1.1	17
22	Allograft Inflammatory Factor-1 Links T-Cell Activation, Interferon Response, and Macrophage Activation in Chronic Kawasaki Disease Arteritis. Journal of the Pediatric Infectious Diseases Society, 2017, 6, e94-e102.	0.6	16
23	Allograft inflammatory factor-1-like is not essential for age dependent weight gain or HFD-induced obesity and glucose insensitivity. Scientific Reports, 2020, 10, 3594.	1.6	10
24	Myocardial Î²-Catenin-BMP2 signaling promotes mesenchymal cell proliferation during endocardial cushion formation. Journal of Molecular and Cellular Cardiology, 2018, 123, 150-158.	0.9	8
25	Gastrointestinal angiodysplasia in heart failure and during CF LVAD support. Journal of Heart and Lung Transplantation, 2022, 41, 129-132.	0.3	8
26	Donor and Recipient Cell Surface Colony Stimulating Factor-1 Promote Neointimal Formation in Transplant-Associated Arteriosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 87-95.	1.1	7
27	Induction of interferon signaling and allograft inflammatory factor 1 in macrophages in a mouse model of breast cancer metastases. Wellcome Open Research, 2021, 6, 52.	0.9	6
28	PLX3397, a CSF1 receptor inhibitor, limits allotransplantation-induced vascular remodelling. Cardiovascular Research, 2022, 118, 2718-2731.	1.8	6
29	Daxx inhibits muscle differentiation by repressing E2Aâ€mediated transcription. Journal of Cellular Biochemistry, 2009, 107, 438-447.	1.2	5
30	Induction of interferon signaling and allograft inflammatory factor 1 in macrophages in a mouse model of breast cancer metastases. Wellcome Open Research, 2021, 6, 52.	0.9	5
31	The Atypical Cadherin FAT1 Limits Mitochondrial Respiration and Proliferation of Vascular Smooth Muscle Cells. Frontiers in Cardiovascular Medicine, 2022, 9, .	1.1	4
32	A Pair of ACEs, for Openers?. Circulation Research, 2000, 87, 523-525.	2.0	3
33	Stable protein, unstable plaque?. Journal of Molecular and Cellular Cardiology, 2009, 46, 289-291.	0.9	3
34	Channeling the homocysteine chapel. Blood, 2011, 118, 1717-1719.	0.6	3
35	Identification of Novel Biomarkers and Pathways for Coronary Artery Calcification in Nondiabetic Patients on Hemodialysis Using Metabolomic Profiling. Kidney360, 2021, 2, 279-289.	0.9	3
36	PDCD5 says no to NO. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4535-4537.	3.3	1

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37	Abstract 436: The Fat1 Cadherin Intracellular Domain Interacts with Atrophin Proteins and Recruits Robust Transcription Activity. Circulation, 2007, 116, .	1.6	0
38	Abstract 584: Allograft Inflammatory Factor-1 is Required for NfÎºB Pathway Activity in Macrophages and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, .	1.1	0
39	Three-Dimensional Visualization of Atherosclerotic Vessels by Tissue Clearing and Light-Sheet Fluorescence Microscopy. Methods in Molecular Biology, 2022, 2419, 841-851.	0.4	0
40	Î²â€catenin Câ€terminal Domain/Sphingosineâ€1â€Phosphate Receptor 1 Axis is a Potential Therapeutic Target in Vascular Remodeling. FASEB Journal, 2022, 36, .	0.2	0
41	Abstract P169: Î²-catenin C-terminal Domain/Sphingosine-1-Phosphate Receptor 1 Axis Drives Neointima Formation After Carotid Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, .	1.1	0
42	Abstract 33: Î²-Catenin Is Essential for Vascular Smooth Muscle Cell Survival and Artery Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0