

Ayman Al-Haj-Zen

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,919
citations

279798

23
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

3705
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive characterization of the Published Kinase Inhibitor Set. <i>Nature Biotechnology</i> , 2016, 34, 95-103.	17.5	289
2	Human Adult Vena Saphena Contains Perivascular Progenitor Cells Endowed With Clonogenic and Proangiogenic Potential. <i>Circulation</i> , 2010, 121, 1735-1745.	1.6	277
3	In Vivo Induction of Endothelial Apoptosis Leads to Vessel Thrombosis and Endothelial Denudation. <i>Circulation</i> , 2004, 109, 2503-2506.	1.6	194
4	Syndromic and non-syndromic aneurysms of the human ascending aorta share activation of the Smad2 pathway. <i>Journal of Pathology</i> , 2009, 218, 131-142.	4.5	162
5	Isolation of a Side Population Progenitor Cells From Healthy Arteries of Adult Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 281-286.	2.4	149
6	Inhibition of Delta-Like-4 Mediated Signaling Impairs Reparative Angiogenesis After Ischemia. <i>Circulation Research</i> , 2010, 107, 283-293.	4.5	76
7	MicroRNA-148b Targets the TGF- β Pathway to Regulate Angiogenesis and Endothelial-to-Mesenchymal Transition during Skin Wound Healing. <i>Molecular Therapy</i> , 2018, 26, 1996-2007.	8.2	67
8	Critical Role of Tissue Kallikrein in Vessel Formation and Maturation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 657-664.	2.4	64
9	Tissue diffusion and retention of metalloproteinases in ascending aortic aneurysms and dissections. <i>Human Pathology</i> , 2009, 40, 306-313.	2.0	63
10	Collagen and elastin cross-linking: a mechanism of constrictive remodeling after arterial injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H2228-H2233.	3.2	58
11	Decorin overexpression reduces atherosclerosis development in apolipoprotein E-deficient mice. <i>Atherosclerosis</i> , 2006, 187, 31-39.	0.8	44
12	Effect of adenovirus-mediated overexpression of decorin on metalloproteinases, tissue inhibitors of metalloproteinases and cytokines secretion by human gingival fibroblasts. <i>Matrix Biology</i> , 2003, 22, 251-258.	3.6	42
13	Association of Maternal Antiangiogenic Profile at Birth With Early Postnatal Loss of Microvascular Density in Offspring of Hypertensive Pregnancies. <i>Hypertension</i> , 2016, 68, 749-759.	2.7	42
14	Effect of Low Molecular Weight Fucoidan and Low Molecular Weight Heparin in a Rabbit Model of Arterial Thrombosis. <i>Journal of Vascular Research</i> , 2008, 45, 529-537.	1.4	41
15	Roles for endothelial cell and macrophage Gch1 and tetrahydrobiopterin in atherosclerosis progression. <i>Cardiovascular Research</i> , 2018, 114, 1385-1399.	3.8	38
16	Reduced Immunoregulatory CD31+ T Cells in the Blood of Atherosclerotic Mice With Plaque Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1659-1664.	2.4	37
17	Bone morphogenetic protein and Notch signalling crosstalk in poor prognosis, mesenchymal subtype colorectal cancer. <i>Journal of Pathology</i> , 2017, 242, 178-192.	4.5	36
18	The Retinoid Agonist Tazarotene Promotes Angiogenesis and Wound Healing. <i>Molecular Therapy</i> , 2016, 24, 1745-1759.	8.2	32

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19	Adenovirus-Mediated Gene Transfer of Superoxide Dismutase and Catalase Decreases Restenosis after Balloon Angioplasty. <i>Journal of Vascular Research</i> , 2005, 42, 255-265.	1.4	30
20	Phenotypic miRNA Screen Identifies miR-26b to Promote the Growth and Survival of Endothelial Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 29-43.	5.1	30
21	Notch signalling in ischaemia-induced angiogenesis. <i>Biochemical Society Transactions</i> , 2009, 37, 1221-1227.	3.4	29
22	Role of Vascular Smooth Muscle Cell Phenotype Switching in Arteriogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10585.	4.1	26
23	Magnetic Resonance Imaging of Ruptured Plaques in the Rabbit with Ultrasmall Superparamagnetic Particles of Iron Oxide. <i>Journal of Vascular Research</i> , 2007, 44, 119-128.	1.4	25
24	A key role for the novel coronary artery disease gene JCAD in atherosclerosis via shear stress mechanotransduction. <i>Cardiovascular Research</i> , 2020, 116, 1863-1874.	3.8	23
25	MicroRNA-24-3p Targets Notch and Other Vascular Morphogens to Regulate Post-ischemic Microvascular Responses in Limb Muscles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1733.	4.1	17
26	Morphological landscape of endothelial cell networks reveals a functional role of glutamate receptors in angiogenesis. <i>Scientific Reports</i> , 2020, 10, 13829.	3.3	10
27	Improved cellular uptake of perfluorocarbon nanoparticles for in vivo murine cardiac 19F MRS/MRI and temporal tracking of progenitor cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 391-401.	3.3	9
28	DLK1: a novel negative regulator of angiogenesis?. <i>Cardiovascular Research</i> , 2012, 93, 213-214.	3.8	4
29	A Novel High Content Angiogenesis Assay Reveals That Lacidipine, L-Type Calcium Channel Blocker, Induces In Vitro Vascular Lumen Expansion. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4891.	4.1	4
30	In Vitro Models to Study the Regulatory Roles of Retinoids in Angiogenesis. <i>Methods in Molecular Biology</i> , 2019, 2019, 73-83.	0.9	1
31	LOSS OF KIAA1462, A CORONARY ARTERY DISEASE ASSOCIATED GENE, DECREASES ATHEROSCLEROSIS. <i>Cardiovascular Research</i> , 2018, 114, S3-S3.	3.8	0
32	Antioxidants and Restenosis after Percutaneous Coronary Intervention: Animal Studies. <i>Developments in Cardiovascular Medicine</i> , 2006, , 327-336.	0.1	0
33	Abstract 442: Loss of Kiaa1462 , a Coronary Artery Disease Associated Gene, Decreases Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	2.4	0