Yagna P R Jarajapu

List of Publications by Year
in descending order

69 papers	1,631 citations	331670 21 h-index	315739 38 g-index
69 all docs	69 docs citations	69 times ranked	2416 citing authors

#	Article	IF	Citations
1	Metabolism in the Midwest: research from the Midwest Aging Consortium at the 49th Annual Meeting of the American Aging Association. GeroScience, 2022, 44, 39-52.	4.6	2
2	Transforming growth factor-Î²1/Thrombospondin-1/CD47 axis mediates dysfunction in CD34+ cells derived from diabetic older adults. European Journal of Pharmacology, 2022, 920, 174842.	3.5	1
3	Targeting Angiotensin-Converting Enzyme-2/Angiotensin-(1-7)/Mas Receptor Axis in the Vascular Progenitor Cells for Cardiovascular Diseases. Molecular Pharmacology, 2021, 99, 29-38.	2.3	20
4	ACE2/ACE imbalance and impaired vasoreparative functions of stem/progenitor cells in aging. GeroScience, 2021, 43, 1423-1436.	4.6	11
5	ACE2 gene transfer ameliorates vasoreparative dysfunction in CD34+ cells derived from diabetic older adults. Clinical Science, 2021, 135, 367-385.	4.3	5
6	Angiotensin II and Angiotensinâ€(1â€7) Modulate Mitochondrial Respiration in Mouse Mesenchymal Stromal Cells. FASEB Journal, 2021, 35, .	0.5	0
7	Reversal of Agingâ€Associated Vasoreparative Dysfunction and Myelopoietic Bias in Bone Marrow Stem/Progenitor Cells by Angiotensinâ€(1â€7). FASEB Journal, 2021, 35, .	0.5	0
8	Diabetic Impairment of Nitric Oxide Generation in CD34 + Hematopoietic Stem/ Progenitor Cells is mediated by TGFâ€Î²1/TSPâ€1/CD47 pathway. FASEB Journal, 2021, 35, .	0.5	0
9	Integrin Î²1 Promotes Pancreatic Tumor Growth by Upregulating Kindlin-2 and TGF-Î² Receptor-2. International Journal of Molecular Sciences, 2021, 22, 10599.	4.1	7
10	Early onset of aging phenotype in vascular repair by Mas receptor deficiency. GeroScience, 2021, , 1.	4.6	0
11	Diabetic preâ€programming of myelopoiesis impairs tissue repair. Journal of Pathology, 2020, 250, 245-247.	4.5	1
12	Blood flow restriction exercise stimulates mobilization of hematopoietic stem/progenitor cells and increases the circulating ACE2 levels in healthy adults. Journal of Applied Physiology, 2020, 128, 1423-1431.	2.5	16
13	Transient silencing of transforming growth factorâ€Î²1 expression restores nitric oxide generation in diabetic hematopoietic stem/progenitor cells: Role of thrombospondinâ€1.. FASEB Journal, 2020, 34, 1-1.	0.5	1
14	A PharmD program curricular approach to addressing the opioid crisis. Currents in Pharmacy Teaching and Learning, 2019, 11, 592-602.	1.0	7
15	Hypoxic regulation of angiotensinâ€converting enzyme 2 and Mas receptor in human CD34⁺ cells. Journal of Cellular Physiology, 2019, 234, 20420-20431.	4.1	53
16	Mitochondrial depolarization stimulates vascular repairâ€relevant functions of CD34⁺ cells via reactive oxygen speciesâ€induced nitric oxide generation. British Journal of Pharmacology, 2019, 176, 4373-4387.	5.4	7
17	Aging Healthy, or with Diabetes, is Associated with ACE2/ACE Imbalance in the Hematopoietic Stem Progenitor Cells. FASEB Journal, 2019, 33, 514.7.	0.5	4
18	Blood Flow Restriction Exercise Increases the ACE2/ACE Ratio and ACE2 Shedding in CD34 + Cells in Healthy Individuals. FASEB Journal, 2019, 33, .	0.5	0

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19	Reversal of Diabetic Stem/progenitor Cell Mobilopathy by a Nonapeptide Antagonist of Leptin Receptor. FASEB Journal, 2018, 32, .	0.5	0
20	Hypoxic Stimulation of Vasoreparative Functions in Human CD34 + Cells is Mediated by Angiotensin Converting Enzymeâ€2 and Mas Receptor. FASEB Journal, 2018, 32, 699.5.	0.5	0
21	Methods for Studying the Role of RAAS in the Modulation of Vascular Repair-Relevant Functions of Stem/Progenitor Cells. Methods in Molecular Biology, 2017, 1614, 47-59.	0.9	0
22	Reversal of Bone Marrow Mobilopathy and Enhanced Vascular Repair by Angiotensin-(1-7) in Diabetes. Diabetes, 2017, 66, 505-518.	0.6	25
23	Impaired Mobilization of Vascular Reparative Bone Marrow Cells in Streptozotocin-Induced Diabetes but not in Leptin Receptor-Deficient db/db Mice. Scientific Reports, 2016, 6, 26131.	3.3	10
24	Angiotensin converting enzyme versus angiotensin converting enzyme-2 selectivity of MLN-4760 and DX600 in human and murine bone marrow-derived cells. European Journal of Pharmacology, 2016, 774, 25-33.	3.5	36
25	ACE2/Ang-(1â€“7)/Mas axis stimulates vascular repair-relevant functions of CD34⁺cells. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1697-H1707.	3.2	40
26	Vasoreparative Dysfunction of CD34+ Cells in Diabetic Individuals Involves Hypoxic Desensitization and Impaired Autocrine/Paracrine Mechanisms. PLoS ONE, 2014, 9, e93965.	2.5	54
27	Angiotensinâ€(1â€7) Reverses Angiogenic Dysfunction in Corpus Cavernosum by Acting on the Microvasculature and Bone Marrowâ€“Derived Cells in Diabetes. Journal of Sexual Medicine, 2014, 11, 2153-2163.	0.6	18
28	Mobilization of bone marrow stem/progenitor cells by AMD3100 or Gâ€CSF is impaired in diabetes (1142.4). FASEB Journal, 2014, 28, 1142.4.	0.5	1
29	Long-term type 1 diabetes influences haematopoietic stem cells by reducing vascular repair potential and increasing inflammatory monocyte generation in a murine model. Diabetologia, 2013, 56, 644-653.	6.3	79
30	Diminazene Attenuates Pulmonary Hypertension and Improves Angiogenic Progenitor Cell Functions in Experimental Models. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 648-657.	5.6	150
31	Activation of the ACE2/Angiotensin-(1â€“7)/Mas Receptor Axis Enhances the Reparative Function of Dysfunctional Diabetic Endothelial Progenitors. Diabetes, 2013, 62, 1258-1269.	0.6	91
32	Design and functional evaluation of an optically active Î¼-opioid receptor. European Journal of Pharmacology, 2013, 705, 42-48.	3.5	26
33	Angiotensinâ€(1â€“7) stimulates mobilization of bone marrow stem/progenitor cells in diabetes. FASEB Journal, 2013, 27, 1091.1.	0.5	0
34	Angiotensinâ€(1â€“7) stimulates angiogenesis in murine corpus cavernosum. FASEB Journal, 2013, 27, 651.7.	0.5	0
35	Protection of Blood Retinal Barrier and Systemic Vasculature by Insulin-Like Growth Factor Binding Protein-3. PLoS ONE, 2012, 7, e39398.	2.5	26
36	ACE2/Angiotensin-(1-7)/Mas Axis and Cardiovascular Regeneration. Current Hypertension Reviews, 2012, 8, 35-46.	0.9	4

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37	Relaxin Induces Rapid Dilation of Rodent Small Renal and Human Subcutaneous Arteries via PI3 Kinase and Nitric Oxide. Endocrinology, 2011, 152, 2786-2796.	2.8	96
38	Blockade of NADPH Oxidase Restores Vasoreparative Function in Diabetic CD34⁺Cells. , 2011, 52, 5093.		54
39	Vascular smooth muscle Jak2 mediates angiotensin II-induced hypertension via increased levels of reactive oxygen species. Cardiovascular Research, 2011, 91, 171-179.	3.8	41
40	Transient Inhibition of Transforming Growth Factor-Î²1 in Human Diabetic CD34+ Cells Enhances Vascular Reparative Functions. Diabetes, 2010, 59, 2010-2019.	0.6	35
41	The Promise of Cell-Based Therapies for Diabetic Complications. Circulation Research, 2010, 106, 854-869.	4.5	131
42	Diabetic eNOS-Knockout Mice Develop Accelerated Retinopathy. , 2010, 51, 5240.		101
43	Inhibition of NADPH oxidase restores vasoreparative function in diabetic CD34+ cells. FASEB Journal, 2010, 24, 571.3.	0.5	0
44	Endotheliumâ€derived reactive oxygen species impair myogenic tone in typeâ€2 diabetic rat ophthalmic artery. FASEB Journal, 2010, 24, 571.4.	0.5	0
45	Activation of the Protective Arm of Renin Angiotensin System (RAS) Corrects the Reparative Dysfunction of Diabetic CD34+ Cells.. Blood, 2010, 116, 2637-2637.	1.4	0
46	Inhibition of Plasminogen Activator Inhibitor (PAI)-1 Corrects Diabetic CD34+ Dysfunction.. Blood, 2010, 116, 1601-1601.	1.4	1
47	Insulin-Like Growth Factor Binding Protein-3 Mediates Vascular Repair by Enhancing Nitric Oxide Generation. Circulation Research, 2009, 105, 897-905.	4.5	77
48	Impaired mitochondria-dependent vasodilation in cerebral arteries of Zucker obese rats with insulin resistance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R289-R298.	1.8	43
49	Smooth Muscle Cell Seeding of Decellularized Scaffolds: The Importance of Bioreactor Preconditioning to Development of a More Native Architecture for Tissue-Engineered Blood Vessels. Tissue Engineering - Part A, 2009, 15, 827-840.	3.1	50
50	Involvement of scavenging receptorâ€B1 in NO release by insulinâ€like growth factor binding proteinâ€3 (IGFBP3) in human endothelial and CD34 cells. FASEB Journal, 2009, 23, 936.4.	0.5	0
51	Inhibition of NADPH oxidase restores NO availability and migratory function in diabetic CD34 cells. FASEB Journal, 2009, 23, 937.2.	0.5	0
52	Myogenic tone and reactivity of cerebral arteries in Type II diabetic BBZDR/Wor rat. European Journal of Pharmacology, 2008, 579, 298-307.	3.5	45
53	Effects of Long-Term Dietary Soy Treatment on Female Urethral Morphology and Function in Ovariectomized Nonhuman Primates. Journal of Urology, 2008, 180, 2247-2253.	0.4	7
54	Genetic Ablation of Caveolinâ€1 does not Affect Pressureâ€Induced Constriction but Alters Endothelinâ€1 Pharmacology in Murine Cerebral Arteries. FASEB Journal, 2008, 22, 913.5.	0.5	0

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55	Storeâ€Ðepletion Mediated Agonistâ€Activated Contractile Responses in Rat and Human Corporal Smooth Muscle. FASEB Journal, 2008, 22, 916.1.	0.5	0
56	Characteristics of myogenic tone in the rat ophthalmic artery. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H360-H368.	3.2	16
57	Myogenic Tone and Reactivity of Rat Ophthalmic Artery in Acute Exposure to High Glucose and in a Type II Diabetic Model. , 2006, 47, 683.		27
58	Histamine decreases myogenic tone in rat cerebral arteries by H2-receptor-mediated KV channel activation, independent of endothelium and cyclic AMP. European Journal of Pharmacology, 2006, 547, 116-124.	3.5	8
59	Impaired Vasorelaxation of Coronary Arteries in Cynomolgus Monkeys with Diabetes. FASEB Journal, 2006, 20, A728.	0.5	0
60	Bladder overactivity in the streptozotocin (STZ)â€diabetic rat is associated with decreased activity of the KATP channel subtype in detrusor myocytes. FASEB Journal, 2006, 20, A1171.	0.5	0
61	Relative contribution of Rho kinase and protein kinase C to myogenic tone in rat cerebral arteries in hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1917-H1922.	3.2	63
62	Myogenic Tone and Reactivity of the Rat Ophthalmic Artery. , 2004, 45, 253.		18
63	The Use of Fluorescent Nuclear Dyes and Laser Scanning Confocal Microscopy to Study the Cellular Aspects of Arterial Remodelling in Human Subjects with Critical Limb Ischaemia. Experimental Physiology, 2003, 88, 547-554.	2.0	13
64	The Î±1-adrenoceptor profile in human skeletal muscle resistance arteries in critical limb ischaemia. Cardiovascular Research, 2003, 57, 554-562.	3.8	6
65	Role of phospholipase C in development of myogenic tone in rat posterior cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H2234-H2238.	3.2	36
66	Functional characterization of Î±1 -adrenoceptor subtypes in human skeletal muscle resistance arteries. British Journal of Pharmacology, 2001, 133, 679-686.	5.4	30
67	The Î±1A-adrenoceptor subtype mediates contraction in rat femoral resistance arteries. European Journal of Pharmacology, 2001, 422, 127-135.	3.5	16
68	Increased Î±1- and Î±2-adrenoceptor-mediated contractile responses of human skeletal muscle resistance arteries in chronic limb ischemia. Cardiovascular Research, 2001, 49, 218-225.	3.8	21
69	Evidence for the differential sensitivity to hypoxia of basal and agonist-induced nitric oxide release. European Journal of Pharmacology, 1999, 370, R1-R3.	3.5	1