

Norifumi Urao

List of Publications by Year in descending order

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52
papers

2,252
citations

236925

25
h-index

265206

42
g-index

54
all docs

54
docs citations

54
times ranked

3583
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythropoietin-Mobilized Endothelial Progenitors Enhance Reendothelialization via Akt-Endothelial Nitric Oxide Synthase Activation and Prevent Neointimal Hyperplasia. <i>Circulation Research</i> , 2006, 98, 1405-1413.	4.5	212
2	Role of Nox2-Based NADPH Oxidase in Bone Marrow and Progenitor Cell Function Involved in Neovascularization Induced by Hindlimb Ischemia. <i>Circulation Research</i> , 2008, 103, 212-220.	4.5	173
3	Role of Protein Tyrosine Phosphatase 1B in Vascular Endothelial Growth Factor Signaling and Cell-Cell Adhesions in Endothelial Cells. <i>Circulation Research</i> , 2008, 102, 1182-1191.	4.5	161
4	Extracellular SOD-Derived H ₂ O ₂ Promotes VEGF Signaling in Caveolae/Lipid Rafts and Post-Ischemic Angiogenesis in Mice. <i>PLoS ONE</i> , 2010, 5, e10189.	2.5	142
5	Redox regulation of stem/progenitor cells and bone marrow niche. <i>Free Radical Biology and Medicine</i> , 2013, 54, 26-39.	2.9	141
6	Novel Role of NADPH Oxidase in Angiogenesis and Stem/Progenitor Cell Function. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2517-2533.	5.4	133
7	Macrophage PPAR γ and impaired wound healing in type 2 diabetes. <i>Journal of Pathology</i> , 2015, 236, 433-444.	4.5	128
8	Compromised angiogenesis and vascular Integrity in impaired diabetic wound healing. <i>PLoS ONE</i> , 2020, 15, e0231962.	2.5	93
9	Granulocyte Colony-Stimulating Factor-Mobilized Circulating c-Kit+/Flk-1+ Progenitor Cells Regenerate Endothelium and Inhibit Neointimal Hyperplasia After Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 751-757.	2.4	91
10	Myocardium-targeted delivery of endothelial progenitor cells by ultrasound-mediated microbubble destruction improves cardiac function via an angiogenic response. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 799-809.	1.9	83
11	Unexpected Role of the Copper Transporter ATP7A in PDGF-Induced Vascular Smooth Muscle Cell Migration. <i>Circulation Research</i> , 2010, 107, 787-799.	4.5	73
12	Copper Transport Protein Antioxidant-1 Promotes Inflammatory Neovascularization via Chaperone and Transcription Factor Function. <i>Scientific Reports</i> , 2015, 5, 14780.	3.3	63
13	A Case of Cardiomyopathy Induced by Premature Ventricular Complexes.. <i>Circulation Journal</i> , 2002, 66, 1065-1067.	1.6	61
14	Localized cysteine sulfenic acid formation by vascular endothelial growth factor: role in endothelial cell migration and angiogenesis. <i>Free Radical Research</i> , 2011, 45, 1124-1135.	3.3	56
15	Injury-Mediated Vascular Regeneration Requires Endothelial ER71/ETV2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 86-96.	2.4	54
16	Bone Marrow Angiotensin AT ₁ Receptor Regulates Differentiation of Monocyte Lineage Progenitors From Hematopoietic Stem Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1529-1536.	2.4	44
17	IQGAP1 links PDGF receptor- β signal to focal adhesions involved in vascular smooth muscle cell migration: role in neointimal formation after vascular injury. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C591-C600.	4.6	40
18	Novel Role of Reactive Oxygen Species-Activated <i>trp</i> Melastatin Channel-2 in Mediating Angiogenesis and Posts ischemic Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 877-887.	2.4	40

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19	Diabetes induces myeloid bias in bone marrow progenitors associated with enhanced wound macrophage accumulation and impaired healing. <i>Journal of Pathology</i> , 2019, 249, 435-446.	4.5	40
20	NADPH Oxidase 2 Regulates Bone Marrow Microenvironment Following Hindlimb Ischemia: Role in Reparative Mobilization of Progenitor Cells. <i>Stem Cells</i> , 2012, 30, 923-934.	3.2	38
21	IQGAPI Is Involved in Post-Ischemic Neovascularization by Regulating Angiogenesis and Macrophage Infiltration. <i>PLoS ONE</i> , 2010, 5, e13440.	2.5	37
22	Critical Role of Endothelial Hydrogen Peroxide in Post-Ischemic Neovascularization. <i>PLoS ONE</i> , 2013, 8, e57618.	2.5	33
23	Copper Transporter ATP7A Protects Against Endothelial Dysfunction in Type 1 Diabetic Mice by Regulating Extracellular Superoxide Dismutase. <i>Diabetes</i> , 2013, 62, 3839-3850.	0.6	31
24	<i>Quercus infectoria</i> inhibits Set7/NF- κ B inflammatory pathway in macrophages exposed to a diabetic environment. <i>Cytokine</i> , 2017, 94, 29-36.	3.2	28
25	Novel Role of Copper Transport Protein Antioxidant-1 in Neointimal Formation After Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 805-813.	2.4	27
26	Flk1+ and VE-Cadherin+ Endothelial Cells Derived from iPSCs Recapitulates Vascular Development during Differentiation and Display Similar Angiogenic Potential as ESC-Derived Cells. <i>PLoS ONE</i> , 2013, 8, e85549.	2.5	27
27	Novel transcripts of Nox1 are regulated by alternative promoters and expressed under phenotypic modulation of vascular smooth muscle cells. <i>Biochemical Journal</i> , 2006, 398, 303-310.	3.7	25
28	Proliferation of Ly6C+ monocytes/macrophages contributes to their accumulation in mouse skin wounds. <i>Journal of Leukocyte Biology</i> , 2020, 107, 551-560.	3.3	21
29	A novel regulator of angiogenesis in endothelial cells: 5-hydroxytryptamine 4 receptor. <i>Angiogenesis</i> , 2013, 16, 15-28.	7.2	18
30	Low-Dose 6-Bromoindirubin-3-oxime Induces Partial Dedifferentiation of Endothelial Cells to Promote Increased Neovascularization. <i>Stem Cells</i> , 2014, 32, 1538-1552.	3.2	18
31	MicroCT angiography detects vascular formation and regression in skin wound healing. <i>Microvascular Research</i> , 2016, 106, 57-66.	2.5	15
32	Idiopathic Long QT Syndrome With Early Afterdepolarization Induced by Epinephrine-A Case Report. <i>Circulation Journal</i> , 2004, 68, 587-591.	1.6	13
33	Thrombospondin-1 levels correlate with macrophage activity and disease progression in dysferlin deficient mice. <i>Neuromuscular Disorders</i> , 2016, 26, 240-251.	0.6	13
34	Oxidant Signaling Mediated by Nox2 in Neutrophils Promotes Regenerative Myelopoiesis and Tissue Recovery following Ischemic Damage. <i>Journal of Immunology</i> , 2018, 201, 2414-2426.	0.8	13
35	Skin Wounding-Induced Monocyte Expansion in Mice Is Not Abrogated by IL-1 Receptor 1 Deficiency. <i>Journal of Immunology</i> , 2019, 202, 2720-2727.	0.8	13
36	CCL28-Induced CCR10/eNOS interaction in angiogenesis and skin wound healing. <i>FASEB Journal</i> , 2020, 34, 5838-5850.	0.5	12

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37	Two Cases of Polymorphic Ventricular Tachycardia Induced by the Administration of Verapamil against Paroxysmal Supraventricular Tachycardia.. Internal Medicine, 2002, 41, 445-448.	0.7	11
38	Thrombospondin-1 and disease progression in dysferlinopathy. Human Molecular Genetics, 2017, 26, 4951-4960.	2.9	7
39	Subepicardial Aneurysm Associated With Ventricular Septal Perforation Showing a Normal Coronary Angiogram. Circulation Journal, 2003, 67, 962-964.	1.6	6
40	New Trends in Antioxidant Compounds: A Precise Nutraceutical in Cardiometabolic Disorders. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-2.	4.0	6
41	Hematopoietic Stem Cells in Wound Healing Response. Advances in Wound Care, 2022, 11, 598-621.	5.1	5
42	Rate-dependent QRS prolongation during exercise testing associated with hyperkalemia. Journal of Electrocardiology, 2004, 37, 241-245.	0.9	4
43	Manipulating inflammation to improve healing. , 2016, , 117-150.		2
44	Ischemia/Reperfusion: A Potential Cause for Tissue Necrosis. , 2015, , 9-17.		1
45	Abstract 458: Critical Role of Bone Marrow Nox2-based NADPH Oxidase in Neovascularization in Response to Hindlimb Ischemia: Impact on Endothelial Progenitor Cells Function. Circulation, 2007, 116, .	1.6	0
46	Abstract 3390: Impairment of Post-ischemic Neovascularization in Mice Lacking IQGAP1, an Actin-binding Scaffold Protein: Role in Macrophage Infiltration and ROS production. Circulation, 2008, 118, .	1.6	0
47	Protein Tyrosine Phosphatase 1B Deficiency Results in Reduced ROS Production and Perivascular Macrophage Infiltration in Ischemic Tissue and Impaired Postâ€¦ischemic Neovascularization. FASEB Journal, 2011, 25, 1092.1.	0.5	0
48	Novel Role of the ATP7A Copperâ€¦transporting ATPase and Extracellular SOD in Endothelial Dysfunction in Type I Diabetes Mellitus. FASEB Journal, 2012, 26, .	0.5	0
49	Abstract 20010: Diet-induced Obesity Stimulates Inflammatory Monopoiesis From Hematopoietic Stem Progenitor Cells Through Activating Histone Methylation. Circulation, 2015, 132, .	1.6	0
50	Abstract 046: Obesity-induced Oxidative Stress in Hematopoietic Stem and Progenitor Cells Allows a Sustained Myelopoiesis and Persistent Inflammation in Mouse Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
51	Abstract 17120: Metabolic Syndrome Induces Long Lasting Phenotype in Bone Marrow-Derived Macrophages and Their Progenitor Cells Through Oxidative Stress and Histone H3-Lysine 4 Methylation State. Circulation, 2018, 138, .	1.6	0
52	Abstract 17039: Neutrophil Subset in Blood Contributes to Acute Oxidant Signals in the Bone Marrow, Which Regulate Innate Immune Responses After Ischemic Tissue Damage. Circulation, 2018, 138, .	1.6	0