Anna Grochot-Przeczek

List of Publications by Year
in descending order

37 papers	2,216 citations	331538 21 h-index	345118 36 g-index
38 all docs	38 docs citations	38 times ranked	3718 citing authors

#	Article	IF	Citations
1	Stromal cellâ€“derived factor 1 promotes angiogenesis via a heme oxygenase 1â€“dependent mechanism. Journal of Experimental Medicine, 2007, 204, 605-618.	4.2	246
2	Heme Oxygenase-1 and the Vascular Bed: From Molecular Mechanisms to Therapeutic Opportunities. Antioxidants and Redox Signaling, 2008, 10, 1767-1812.	2.5	238
3	Overexpression of Heme Oxygenase-1 in Murine Melanoma. American Journal of Pathology, 2006, 169, 2181-2198.	1.9	183
4	Cellular and molecular mechanisms of inflammationâ€induced angiogenesis. IUBMB Life, 2015, 67, 145-159.	1.5	182
5	Beyond repression of Nrf2: An update on Keap1. Free Radical Biology and Medicine, 2020, 157, 63-74.	1.3	144
6	Haem oxygenase-1: non-canonical roles in physiology and pathology. Clinical Science, 2012, 122, 93-103.	1.8	129
7	Different Susceptibility to the Parkinson's Toxin MPTP in Mice Lacking the Redox Master Regulator Nrf2 or Its Target Gene Heme Oxygenase-1. PLoS ONE, 2010, 5, e11838.	1.1	118
8	Heme Oxygenase-1 Accelerates Cutaneous Wound Healing in Mice. PLoS ONE, 2009, 4, e5803.	1.1	111
9	Heme Oxygenase-1 Inhibits Myoblast Differentiation by Targeting Myomirs. Antioxidants and Redox Signaling, 2012, 16, 113-127.	2.5	97
10	Role of Heme Oxygenase-1 in Human Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1634-1641.	1.1	95
11	Nrf2 Regulates Angiogenesis: Effect on Endothelial Cells, Bone Marrow-Derived Proangiogenic Cells and Hind Limb Ischemia. Antioxidants and Redox Signaling, 2014, 20, 1693-1708.	2.5	89
12	Therapeutic angiogenesis for revascularization in peripheral artery disease. Gene, 2013, 525, 220-228.	1.0	85
13	Heme Oxygenase-1 Is Required for Angiogenic Function of Bone Marrow-Derived Progenitor Cells: Role in Therapeutic Revascularization. Antioxidants and Redox Signaling, 2014, 20, 1677-1692.	2.5	47
14	Effects of heme oxygenase-1 on induction and development of chemically induced squamous cell carcinoma in mice. Free Radical Biology and Medicine, 2011, 51, 1717-1726.	1.3	43
15	Limb ischemia and vessel regeneration: Is there a role for VEGF?. Vascular Pharmacology, 2016, 86, 18-30.	1.0	41
16	Heme oxygenase-1 in neovascularisation: A diabetic perspective. Thrombosis and Haemostasis, 2010, 104, 424-431.	1.8	35
17	Endothelial glycocalyx shields the interaction of SARS-CoV-2 spike protein with ACE2 receptors. Scientific Reports, 2021, 11, 12157.	1.6	32
18	Nrf2 in aging â€“ Focus on the cardiovascular system. Vascular Pharmacology, 2019, 112, 42-53.	1.0	31

#	Article	IF	Citations
19	Simvastatin Treatment Upregulates HO-1 in Patients with Abdominal Aortic Aneurysm but Independently of Nrf2. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	26
20	Effects of 15d-PGJ2 on VEGF-induced angiogenic activities and expression of VEGF receptors in endothelial cells. Prostaglandins and Other Lipid Mediators, 2006, 79, 230-244.	1.0	22
21	miR-378a influences vascularization in skeletal muscles. Cardiovascular Research, 2020, 116, 1386-1397.	1.8	22
22	Keap1 controls protein S-nitrosation and apoptosis-senescence switch in endothelial cells. Redox Biology, 2020, 28, 101304.	3.9	22
23	Metformin attenuates adhesion between cancer and endothelial cells in chronic hyperglycemia by recovery of the endothelial glycocalyx barrier. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129533.	1.1	21
24	Myoblast-conditioned media improve regeneration and revascularization of ischemic muscles in diabetic mice. Stem Cell Research and Therapy, 2015, 6, 61.	2.4	20
25	Simvastatin Attenuates Abdominal Aortic Aneurysm Formation Favoured by Lack of Nrf2 Transcriptional Activity. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-16.	1.9	18
26	Murine Bone Marrow Mesenchymal Stromal Cells Respond Efficiently to Oxidative Stress Despite the Low Level of Heme Oxygenases 1 and 2. Antioxidants and Redox Signaling, 2018, 29, 111-127.	2.5	17
27	Nrf2 Sequesters Keap1 Preventing Podosome Disassembly: A Quintessential Duet Moonlights in Endothelium. Antioxidants and Redox Signaling, 2019, 30, 1709-1730.	2.5	16
28	Keap1 governs ageing-induced protein aggregation in endothelial cells. Redox Biology, 2020, 34, 101572.	3.9	16
29	PPARÎ³ activation but not PPARÎ³ haplodeficiency affects proangiogenic potential of endothelial cells and bone marrow-derived progenitors. Cardiovascular Diabetology, 2014, 13, 150.	2.7	13
30	Biliverdin reductase deficiency triggers an endothelial-to-mesenchymal transition in human endothelial cells. Archives of Biochemistry and Biophysics, 2019, 678, 108182.	1.4	13
31	PPARÂ¿ activation but not PPARÂ¿ haplodeficiency affects proangiogenic potential of endothelial cells and bone marrow-derived progenitors. Cardiovascular Diabetology, 2014, 13, 150.	2.7	11
32	A Dual Role of Heme Oxygenase-1 in Angiotensin II-Induced Abdominal Aortic Aneurysm in the Normolipidemic Mice. Cells, 2021, 10, 163.	1.8	8
33	Novel engineered TRAILâ€based chimeric protein strongly inhibits tumor growth and bypasses TRAIL resistance. International Journal of Cancer, 2020, 147, 1117-1130.	2.3	7
34	Proximity Ligation Assay Detection of Proteinâ€“DNA Interactionsâ€”Is There a Link between Heme Oxygenase-1 and G-quadruplexes?. Antioxidants, 2021, 10, 94.	2.2	7
35	Development of hyperglycemia and diabetes in captive Polish bank voles. General and Comparative Endocrinology, 2013, 183, 69-78.	0.8	5
36	Endothelial Cell Origin, Differentiation, Heterogeneity and Function. , 2013, , 3-26.		3

#	Article	IF	Citations
37	Letter by Loboda et al Regarding Article, â€œBach1 Represses Wnt/Î²-Catenin Signaling and Angiogenesisâ€: IL-8 Is Not Present in Murine Genome Hence it Cannot Be Responsible for the Bach1 Effect on Angiogenesis in Mice. Circulation Research, 2015, 117, e75-6.	2.0	3