

# Anna Grochot-Przeczek

## List of Publications by Citations

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37  
papers

1,739  
citations

18  
h-index

38  
g-index

38  
ext. papers

1,999  
ext. citations

7.2  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
37	Stromal cell-derived factor 1 promotes angiogenesis via a heme oxygenase 1-dependent mechanism. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 605-18	16.6	209
36	Heme oxygenase-1 and the vascular bed: from molecular mechanisms to therapeutic opportunities. <i>Antioxidants and Redox Signaling</i> , <b>2008</b> , 10, 1767-812	8.4	206
35	Overexpression of heme oxygenase-1 in murine melanoma: increased proliferation and viability of tumor cells, decreased survival of mice. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 2181-98	5.8	162
34	Cellular and molecular mechanisms of inflammation-induced angiogenesis. <i>IUBMB Life</i> , <b>2015</b> , 67, 145-59	4.7	126
33	Haem oxygenase-1: non-canonical roles in physiology and pathology. <i>Clinical Science</i> , <b>2012</b> , 122, 93-103	6.5	119
32	Different susceptibility to the Parkinson's toxin MPTP in mice lacking the redox master regulator Nrf2 or its target gene heme oxygenase-1. <i>PLoS ONE</i> , <b>2010</b> , 5, e11838	3.7	106
31	Heme oxygenase-1 accelerates cutaneous wound healing in mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e5803	3.7	96
30	Heme oxygenase-1 inhibits myoblast differentiation by targeting myomirs. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 16, 113-27	8.4	89
29	Role of heme oxygenase-1 in human endothelial cells: lesson from the promoter allelic variants. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 1634-41	9.4	79
28	Nrf2 regulates angiogenesis: effect on endothelial cells, bone marrow-derived proangiogenic cells and hind limb ischemia. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 1693-708	8.4	77
27	Therapeutic angiogenesis for revascularization in peripheral artery disease. <i>Gene</i> , <b>2013</b> , 525, 220-8	3.8	71
26	Beyond repression of Nrf2: An update on Keap1. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 157, 63-74	7.8	52
25	Heme oxygenase-1 is required for angiogenic function of bone marrow-derived progenitor cells: role in therapeutic revascularization. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 1677-92	8.4	43
24	Effects of heme oxygenase-1 on induction and development of chemically induced squamous cell carcinoma in mice. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 1717-26	7.8	40
23	Heme oxygenase-1 in neovascularisation: A diabetic perspective. <i>Thrombosis and Haemostasis</i> , <b>2010</b> , 104, 424-31	7	32
22	Limb ischemia and vessel regeneration: Is there a role for VEGF?. <i>Vascular Pharmacology</i> , <b>2016</b> , 86, 18-30	5.9	30
21	Effects of 15d-PGJ(2) on VEGF-induced angiogenic activities and expression of VEGF receptors in endothelial cells. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2006</b> , 79, 230-44	3.7	22

20	Nrf2 in aging - Focus on the cardiovascular system. <i>Vascular Pharmacology</i> , <b>2019</b> , 112, 42-53	5.9	20
19	Simvastatin Treatment Upregulates HO-1 in Patients with Abdominal Aortic Aneurysm but Independently of Nrf2. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 2028936	6.7	18
18	Myoblast-conditioned media improve regeneration and revascularization of ischemic muscles in diabetic mice. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 61	8.3	15
17	Murine Bone Marrow Mesenchymal Stromal Cells Respond Efficiently to Oxidative Stress Despite the Low Level of Heme Oxygenases 1 and 2. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 29, 111-127	8.4	13
16	Keap1 controls protein S-nitrosation and apoptosis-senescence switch in endothelial cells. <i>Redox Biology</i> , <b>2020</b> , 28, 101304	11.3	13
15	Nrf2 Sequesters Keap1 Preventing Podosome Disassembly: A Quintessential Duet Moonlights in Endothelium. <i>Antioxidants and Redox Signaling</i> , <b>2019</b> , 30, 1709-1730	8.4	12
14	miR-378a influences vascularization in skeletal muscles. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 1386-1397	9.9	12
13	Metformin attenuates adhesion between cancer and endothelial cells in chronic hyperglycemia by recovery of the endothelial glycocalyx barrier. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2020</b> , 1864, 129533	4	10
12	PPAR $\alpha$ activation but not PPAR $\alpha$ haplo deficiency affects proangiogenic potential of endothelial cells and bone marrow-derived progenitors. <i>Cardiovascular Diabetology</i> , <b>2014</b> , 13, 150	8.7	10
11	PPAR $\beta$ activation but not PPAR $\beta$ haplo deficiency affects proangiogenic potential of endothelial cells and bone marrow-derived progenitors. <i>Cardiovascular Diabetology</i> , <b>2014</b> , 13, 150	8.7	9
10	Simvastatin Attenuates Abdominal Aortic Aneurysm Formation Favoured by Lack of Nrf2 Transcriptional Activity. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 6340190	6.7	8
9	Keap1 governs ageing-induced protein aggregation in endothelial cells. <i>Redox Biology</i> , <b>2020</b> , 34, 101572	11.3	7
8	Biliverdin reductase deficiency triggers an endothelial-to-mesenchymal transition in human endothelial cells. <i>Archives of Biochemistry and Biophysics</i> , <b>2019</b> , 678, 108182	4.1	6
7	Endothelial glycocalyx shields the interaction of SARS-CoV-2 spike protein with ACE2 receptors. <i>Scientific Reports</i> , <b>2021</b> , 11, 12157	4.9	6
6	Proximity Ligation Assay Detection of Protein-DNA Interactions-Is There a Link between Heme Oxygenase-1 and G-quadruplexes?. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6
5	Development of hyperglycemia and diabetes in captive Polish bank voles. <i>General and Comparative Endocrinology</i> , <b>2013</b> , 183, 69-78	3	5
4	Letter by Loboda et al Regarding Article, "Bach1 Represses Wnt/ $\beta$ Catenin Signaling and Angiogenesis": IL-8 Is Not Present in Murine Genome Hence it Cannot Be Responsible for the Bach1 Effect on Angiogenesis in Mice. <i>Circulation Research</i> , <b>2015</b> , 117, e75-6	15.7	3
3	Novel engineered TRAIL-based chimeric protein strongly inhibits tumor growth and bypasses TRAIL resistance. <i>International Journal of Cancer</i> , <b>2020</b> , 147, 1117-1130	7.5	3

2 Endothelial Cell Origin, Differentiation, Heterogeneity and Function **2013**, 3-26 2

1 A Dual Role of Heme Oxygenase-1 in Angiotensin II-Induced Abdominal Aortic Aneurysm in the Normolipidemic Mice. *Cells*, **2021**, 10, 7-9 2