

Agnieszka Loboda

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

4,468
citations

186265

28
h-index

175258

52
g-index

54
all docs

54
docs citations

54
times ranked

7291
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Nrf2/HO-1 system in development, oxidative stress response and diseases: an evolutionarily conserved mechanism. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3221-3247.	5.4	1,687
2	HIF-1 and HIF-2 Transcription Factors - Similar but Not Identical. <i>Molecules and Cells</i> , 2010, 29, 435-442.	2.6	351
3	TGF- β 1/Smads and miR-21 in Renal Fibrosis and Inflammation. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	239
4	Heme Oxygenase-1 and the Vascular Bed: From Molecular Mechanisms to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1767-1812.	5.4	238
5	HO-1/CO system in tumor growth, angiogenesis and metabolism – Targeting HO-1 as an anti-tumor therapy. <i>Vascular Pharmacology</i> , 2015, 74, 11-22.	2.1	148
6	Interplay Between Heme Oxygenase-1 and miR-378 Affects Non-Small Cell Lung Carcinoma Growth, Vascularization, and Metastasis. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 644-660.	5.4	131
7	HIF-1 versus HIF-2 – Is one more important than the other?. <i>Vascular Pharmacology</i> , 2012, 56, 245-251.	2.1	122
8	Heme Oxygenase-1 Inhibits Myoblast Differentiation by Targeting Myomirs. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 113-127.	5.4	97
9	HIF-1 Induction Attenuates Nrf2-Dependent IL-8 Expression in Human Endothelial Cells. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1501-1517.	5.4	89
10	Nrf2 Regulates Angiogenesis: Effect on Endothelial Cells, Bone Marrow-Derived Proangiogenic Cells and Hind Limb Ischemia. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1693-1708.	5.4	89
11	Crosstalk between microRNA, nuclear factor κ B-related factor 2, and heme oxygenase-1 in ochratoxin A-induced toxic effects in renal proximal tubular epithelial cells. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 504-515.	3.3	88
12	MicroRNAs as biomarkers of disease onset. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2051-2061.	3.7	86
13	Opposite effects of HIF-1 α and HIF-2 α on the regulation of IL-8 expression in endothelial cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1882-1892.	2.9	71
14	Atorvastatin Affects Several Angiogenic Mediators in Human Endothelial Cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2005, 12, 233-241.	1.7	62
15	MCPIP1 contributes to clear cell renal cell carcinomas development. <i>Angiogenesis</i> , 2017, 20, 325-340.	7.2	61
16	Heme oxygenase inhibition in cancers: possible tools and targets. <i>Wspolczesna Onkologia</i> , 2018, 2018, 23-32.	1.4	54
17	Heme Oxygenase-1 Is Required for Angiogenic Function of Bone Marrow-Derived Progenitor Cells: Role in Therapeutic Revascularization. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1677-1692.	5.4	47
18	Heme Oxygenase-1 Controls an HDAC4-miR-206 Pathway of Oxidative Stress in Rhabdomyosarcoma. <i>Cancer Research</i> , 2016, 76, 5707-5718.	0.9	46

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19	Muscle and cardiac therapeutic strategies for Duchenne muscular dystrophy: past, present, and future. <i>Pharmacological Reports</i> , 2020, 72, 1227-1263.	3.3	46
20	Angiogenic transcriptome of human microvascular endothelial cells: Effect of hypoxia, modulation by atorvastatin. <i>Vascular Pharmacology</i> , 2006, 44, 206-214.	2.1	43
21	Limb ischemia and vessel regeneration: Is there a role for VEGF?. <i>Vascular Pharmacology</i> , 2016, 86, 18-30.	2.1	41
22	Atorvastatin prevents hypoxia-induced inhibition of endothelial nitric oxide synthase expression but does not affect heme oxygenase-1 in human microvascular endothelial cells. <i>Atherosclerosis</i> , 2006, 187, 26-30.	0.8	38
23	Nrf2 deficiency exacerbates ochratoxin A-induced toxicity in vitro and in vivo. <i>Toxicology</i> , 2017, 389, 42-52.	4.2	36
24	Targeting angiogenesis in Duchenne muscular dystrophy. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1507-1528.	5.4	36
25	Janus face of Nrf2â€”HO-1 axis in cancerâ€”Friend in chemoprevention, foe in anticancer therapy. <i>Lung Cancer</i> , 2008, 60, 1-3.	2.0	34
26	Serine Biosynthesis Pathway Supports MYCâ€”miR-494â€”EZH2 Feed-Forward Circuit Necessary to Maintain Metabolic and Epigenetic Reprogramming of Burkitt Lymphoma Cells. <i>Cancers</i> , 2020, 12, 580.	3.7	33
27	Lack of Heme Oxygenase-1 Induces Inflammatory Reaction and Proliferation of Muscle Satellite Cells after Cardiotoxin-Induced Skeletal Muscle Injury. <i>American Journal of Pathology</i> , 2018, 188, 491-506.	3.8	32
28	HIF-1 stabilization exerts anticancer effects in breast cancer cells in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2020, 175, 113922.	4.4	30
29	Heme Oxygenase-1 Influences Satellite Cells and Progression of Duchenne Muscular Dystrophy in Mice. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 128-148.	5.4	29
30	Hypoxia as a Driving Force of Pluripotent Stem Cell Reprogramming and Differentiation to Endothelial Cells. <i>Biomolecules</i> , 2020, 10, 1614.	4.0	28
31	Targeting Nrf2-Mediated Gene Transcription by Triterpenoids and Their Derivatives. <i>Biomolecules and Therapeutics</i> , 2012, 20, 499-505.	2.4	28
32	Effect of heme oxygenase-1 on ochratoxin A-induced nephrotoxicity in mice. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 84, 46-57.	2.8	27
33	Development and characterization of a new inhibitor of heme oxygenase activity for cancer treatment. <i>Archives of Biochemistry and Biophysics</i> , 2019, 671, 130-142.	3.0	25
34	Interactions Between the Circadian Clock and Heme Oxygenase in the Retina of <i>Drosophila melanogaster</i> . <i>Molecular Neurobiology</i> , 2017, 54, 4953-4962.	4.0	23
35	miR-378a influences vascularization in skeletal muscles. <i>Cardiovascular Research</i> , 2020, 116, 1386-1397.	3.8	22
36	Lack of miR-378 attenuates muscular dystrophy in mdx mice. <i>JCI Insight</i> , 2020, 5, .	5.0	22

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37	HIF-1 attenuates Ref-1 expression in endothelial cells: Reversal by siRNA and inhibition of geranylgeranylation. <i>Vascular Pharmacology</i> , 2009, 51, 133-139.	2.1	20
38	Pharmacological versus genetic inhibition of heme oxygenase-1 – the comparison of metalloporphyrins, shRNA and CRISPR/Cas9 system. <i>Acta Biochimica Polonica</i> , 2018, 65, 277-286.	0.5	20
39	The role of Nrf2 in acute and chronic muscle injury. <i>Skeletal Muscle</i> , 2020, 10, 35.	4.2	18
40	Clock and clock-controlled genes are differently expressed in the retina, lamina and in selected cells of the visual system of <i>Drosophila melanogaster</i> . <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 353.	3.7	16
41	miR-146a deficiency does not aggravate muscular dystrophy in mdx mice. <i>Skeletal Muscle</i> , 2019, 9, 22.	4.2	16
42	Aristolochic acid I and ochratoxin A differentially regulate VEGF expression in porcine kidney epithelial cells – The involvement of SP-1 and HIFs transcription factors. <i>Toxicology Letters</i> , 2011, 204, 118-126.	0.8	15
43	Daily Regulation of Phototransduction, Circadian Clock, DNA Repair, and Immune Gene Expression by Heme Oxygenase in the Retina of <i>Drosophila</i> . <i>Genes</i> , 2019, 10, 6.	2.4	15
44	Simvastatin does not alleviate muscle pathology in a mouse model of Duchenne muscular dystrophy. <i>Skeletal Muscle</i> , 2021, 11, 21.	4.2	14
45	Synthetically Lethal Interactions of Heme Oxygenase-1 and Fumarate Hydratase Genes. <i>Biomolecules</i> , 2020, 10, 143.	4.0	12
46	Age-Dependent Dysregulation of Muscle Vasculature and Blood Flow Recovery after Hindlimb Ischemia in the mdx Model of Duchenne Muscular Dystrophy. <i>Biomedicines</i> , 2021, 9, 481.	3.2	12
47	Haeme oxygenase protects against UV light DNA damages in the retina in clock-dependent manner. <i>Scientific Reports</i> , 2017, 7, 5197.	3.3	8
48	miR-378 affects metabolic disturbances in the mdx model of Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2022, 12, 3945.	3.3	7
49	Dysregulated Autophagy and Mitophagy in a Mouse Model of Duchenne Muscular Dystrophy Remain Unchanged Following Heme Oxygenase-1 Knockout. <i>International Journal of Molecular Sciences</i> , 2022, 23, 470.	4.1	7
50	Potential of enhancer of zeste homolog 2 inhibitors for the treatment of SWI/SNF mutant cancers and tumor microenvironment modulation. <i>Drug Development Research</i> , 2021, 82, 730-753.	2.9	5
51	Letter by Loboda et al Regarding Article, “Bach1 Represses Wnt/ β -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> , 2015, 117, e75-6.	4.5	3
52	Comment on “Role of microRNA-29b in the ochratoxin A-induced enhanced collagen formation in human kidney cells” – <i>Toxicology</i> , 2015, 328, 82-83.	4.2	1