

Mark A Perrella

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68
papers

3,610
citations

31
h-index

60
g-index

75
ext. papers

3,960
ext. citations

6.4
avg, IF

4.38
L-index

#	Paper	IF	Citations
68	Syndecan-2 regulates PAD2 to exert antifibrotic effects on RA-ILD fibroblasts.. <i>Scientific Reports</i> , 2022 , 12, 2847	4.9	0
67	The lung microbiome in end-stage Lymphangioliomyomatosis. <i>Respiratory Research</i> , 2021 , 22, 277	7.3	
66	Induction of Sepsis Via Fibrin Clot Implantation. <i>Methods in Molecular Biology</i> , 2021 , 2321, 17-25	1.4	0
65	Mesenchymal stromal cells expressing a dominant-negative high mobility group A1 transgene exhibit improved function during sepsis. <i>Journal of Leukocyte Biology</i> , 2021 , 110, 711-722	6.5	2
64	Intratracheal transplantation of trophoblast stem cells attenuates acute lung injury in mice. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 487	8.3	0
63	CD148 Deficiency in Fibroblasts Promotes the Development of Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 312-325	10.2	4
62	Expression of Stromal Cell-Derived Factor-1 by Mesenchymal Stromal Cells Impacts Neutrophil Function During Sepsis. <i>Critical Care Medicine</i> , 2020 , 48, e409-e417	1.4	3
61	Multipotency of mouse trophoblast stem cells. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 55	8.3	2
60	Biobanking and cryopreservation of human lung explants for omic analysis. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	9
59	Augmenting emergency granulopoiesis with CpG conditioned mesenchymal stromal cells in murine neutropenic sepsis. <i>Blood Advances</i> , 2020 , 4, 4965-4979	7.8	3
58	FK506 induces lung lymphatic endothelial cell senescence and downregulates LYVE-1 expression, with associated decreased hyaluronan uptake. <i>Molecular Medicine</i> , 2020 , 26, 75	6.2	2
57	Glycogen synthase kinase 3- β inhibition induces lymphangiogenesis through β -catenin-dependent and mTOR-independent pathways. <i>PLoS ONE</i> , 2019 , 14, e0213831	3.7	4
56	SPEG-deficient skeletal muscles exhibit abnormal triad and defective calcium handling. <i>Human Molecular Genetics</i> , 2018 , 27, 1608-1617	5.6	11
55	Syndecan-2 Attenuates Radiation-induced Pulmonary Fibrosis and Inhibits Fibroblast Activation by Regulating PI3K/Akt/ROCK Pathway via CD148. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 208-215	5.7	39
54	Pressure Overload in Mice With Haploinsufficiency of Striated Preferentially Expressed Gene Leads to Decompensated Heart Failure. <i>Frontiers in Physiology</i> , 2018 , 9, 863	4.6	1
53	Frontline Science: Targeted expression of a dominant-negative high mobility group A1 transgene improves outcome in sepsis. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 677-689	6.5	6
52	A phase I trial of low-dose inhaled carbon monoxide in sepsis-induced ARDS. <i>JCI Insight</i> , 2018 , 3,	9.9	52

51	Evidence for a retinal progenitor cell in the postnatal and adult mouse. <i>Stem Cell Research</i> , 2017 , 23, 20-32	1.6	5
50	Mesenchymal Stromal Cells Deficient in Autophagy Proteins Are Susceptible to Oxidative Injury and Mitochondrial Dysfunction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 300-309 ⁵⁻⁷		27
49	Carbon Monoxide Improves Efficacy of Mesenchymal Stromal Cells During Sepsis by Production of Specialized Proresolving Lipid Mediators. <i>Critical Care Medicine</i> , 2016 , 44, e1236-e1245	1.4	46
48	The role of mesenchymal stromal cells in bacterial infection 2016 , 814-824		
47	Elk-3 is a KLF4-regulated gene that modulates the phagocytosis of bacteria by macrophages. <i>Journal of Leukocyte Biology</i> , 2015 , 97, 171-80	6.5	15
46	Rescue of neonatal cardiac dysfunction in mice by administration of cardiac progenitor cells in utero. <i>Nature Communications</i> , 2015 , 6, 8825	17.4	21
45	Genetic and hypoxic alterations of the microRNA-210-ISCU1/2 axis promote iron-sulfur deficiency and pulmonary hypertension. <i>EMBO Molecular Medicine</i> , 2015 , 7, 695-713	12	96
44	SPEG interacts with myotubularin, and its deficiency causes centronuclear myopathy with dilated cardiomyopathy. <i>American Journal of Human Genetics</i> , 2014 , 95, 218-26	11	107
43	Mesenchymal stromal cells improve survival during sepsis in the absence of heme oxygenase-1: the importance of neutrophils. <i>Stem Cells</i> , 2013 , 31, 397-407	5.8	119
42	Gene expression analysis uncovers novel hedgehog interacting protein (HHIP) effects in human bronchial epithelial cells. <i>Genomics</i> , 2013 , 101, 263-72	4.3	37
41	Transforming growth factor- β suppression of endotoxin-induced heme oxygenase-1 in macrophages involves activation of Smad2 and downregulation of Ets-2. <i>Journal of Cellular Physiology</i> , 2012 , 227, 351-60	7	9
40	Nucleotide-binding oligomerization domain protein 2 deficiency enhances neointimal formation in response to vascular injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2441-7	9.4	15
39	Cyclooxygenase-2 deficiency leads to intestinal barrier dysfunction and increased mortality during polymicrobial sepsis. <i>Journal of Immunology</i> , 2011 , 187, 5255-67	5.3	50
38	Distamycin A inhibits HMGA1-binding to the P-selectin promoter and attenuates lung and liver inflammation during murine endotoxemia. <i>PLoS ONE</i> , 2010 , 5, e10656	3.7	18
37	Regulation of heme oxygenase-1 gene by peptidoglycan involves the interaction of Elk-1 and C/EBPalpha to increase expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 298, L870-9	5.8	11
36	Netropsin improves survival from endotoxaemia by disrupting HMGA1 binding to the NOS2 promoter. <i>Biochemical Journal</i> , 2009 , 418, 103-12	3.8	19
35	High mobility group A1 protein mediates human nitric oxide synthase 2 gene expression. <i>FEBS Letters</i> , 2008 , 582, 810-4	3.8	8
34	Heme oxygenase-1-derived carbon monoxide enhances the host defense response to microbial sepsis in mice. <i>Journal of Clinical Investigation</i> , 2008 , 118, 239-47	15.9	246

33	Pathobiology of sepsis: are we still asking the same questions?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 129-34	5.7	32
32	Endotoxin-induced down-regulation of Elk-3 facilitates heme oxygenase-1 induction in macrophages. <i>Journal of Immunology</i> , 2006 , 176, 2414-20	5.3	26
31	PU.1 regulates cathepsin S expression in professional APCs. <i>Journal of Immunology</i> , 2006 , 176, 275-83	5.3	12
30	Role of Ets-2 in the regulation of heme oxygenase-1 by endotoxin. <i>Journal of Biological Chemistry</i> , 2005 , 280, 4578-84	5.4	41
29	Alteration in heme oxygenase-1 and nitric oxide synthase-2 gene expression during endotoxemia in cyclooxygenase-2-deficient mice. <i>Antioxidants and Redox Signaling</i> , 2004 , 6, 850-7	8.4	18
28	Reduction of nitric oxide synthase 2 expression by distamycin A improves survival from endotoxemia. <i>Journal of Immunology</i> , 2004 , 173, 4147-53	5.3	27
27	Nitric oxide synthase-2 down-regulates surfactant protein-B expression and enhances endotoxin-induced lung injury in mice. <i>FASEB Journal</i> , 2004 , 18, 1276-8	0.9	30
26	Elk-3 is a transcriptional repressor of nitric-oxide synthase 2. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39572-7	5.4	36
25	Cyclooxygenase-2-deficient mice are resistant to endotoxin-induced inflammation and death. <i>FASEB Journal</i> , 2003 , 17, 1325-7	0.9	105
24	Absence of heme oxygenase-1 exacerbates atherosclerotic lesion formation and vascular remodeling. <i>FASEB Journal</i> , 2003 , 17, 1759-61	0.9	247
23	Role of heme oxygenase-1 in cardiovascular function. <i>Current Pharmaceutical Design</i> , 2003 , 9, 2479-87	3.3	69
22	Modulation of the thioredoxin system during inflammatory responses and its effect on heme oxygenase-1 expression. <i>Antioxidants and Redox Signaling</i> , 2002 , 4, 569-75	8.4	30
21	Characterization of the mouse aortic carboxypeptidase-like protein promoter reveals activity in differentiated and dedifferentiated vascular smooth muscle cells. <i>Circulation Research</i> , 2002 , 90, 728-36	15.7	53
20	High-mobility group-I/Y proteins: Potential role in the pathophysiology of critical illnesses. <i>Critical Care Medicine</i> , 2002 , 30, S36-S42	1.4	20
19	Heme oxygenase 1 in regulation of inflammation and oxidative damage. <i>Methods in Enzymology</i> , 2002 , 353, 163-76	1.7	31
18	High-mobility group-I/Y proteins: potential role in the pathophysiology of critical illnesses. <i>Critical Care Medicine</i> , 2002 , 30, S36-42	1.4	9
17	Absence of adipocyte fatty acid binding protein prevents the development of accelerated atherosclerosis in hypercholesterolemic mice. <i>FASEB Journal</i> , 2001 , 15, 1774-6	0.9	35
16	Cardiac-specific expression of heme oxygenase-1 protects against ischemia and reperfusion injury in transgenic mice. <i>Circulation Research</i> , 2001 , 89, 168-73	15.7	358

15	Upstream stimulatory factors regulate aortic preferentially expressed gene-1 expression in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 47658-63	5.4	28
14	Down-regulation of high mobility group-I(Y) protein contributes to the inhibition of nitric-oxide synthase 2 by transforming growth factor-beta1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 1653-9	5.4	27
13	Role of macrophage-expressed adipocyte fatty acid binding protein in the development of accelerated atherosclerosis in hypercholesterolemic mice. <i>FASEB Journal</i> , 2001 , 15, 2733-5	0.9	64
12	Role of activating protein-1 and high mobility group-I(Y) protein in the induction of CD44 gene expression by interleukin-1beta in vascular smooth muscle cells. <i>FASEB Journal</i> , 2000 , 14, 368-78	0.9	48
11	Endotoxin-induced mortality is related to increased oxidative stress and end-organ dysfunction, not refractory hypotension, in heme oxygenase-1-deficient mice. <i>Circulation</i> , 2000 , 102, 3015-22	16.7	182
10	Prevention of hypoxia-induced pulmonary hypertension by enhancement of endogenous heme oxygenase-1 in the rat. <i>Circulation Research</i> , 2000 , 86, 1224-9	15.7	189
9	Thioredoxin facilitates the induction of heme oxygenase-1 in response to inflammatory mediators. <i>Journal of Biological Chemistry</i> , 2000 , 275, 24840-6	5.4	99
8	High mobility group-I(Y) protein facilitates nuclear factor-kappaB binding and transactivation of the inducible nitric-oxide synthase promoter/enhancer. <i>Journal of Biological Chemistry</i> , 1999 , 274, 9045-52	5.4	59
7	Induction of high mobility group-I(Y) protein by endotoxin and interleukin-1beta in vascular smooth muscle cells. Role in activation of inducible nitric oxide synthase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 1525-32	5.4	37
6	Induction of high mobility group I architectural transcription factors in proliferating vascular smooth muscle in vivo and in vitro. <i>Journal of Molecular and Cellular Cardiology</i> , 1999 , 31, 2199-205	5.8	16
5	Hypoxia induces severe right ventricular dilatation and infarction in heme oxygenase-1 null mice. <i>Journal of Clinical Investigation</i> , 1999 , 103, R23-9	15.9	342
4	Induction of heme oxygenase-1 during endotoxemia is downregulated by transforming growth factor-beta1. <i>Circulation Research</i> , 1998 , 83, 396-403	15.7	55
3	Induction of heme oxygenase-1 expression in vascular smooth muscle cells. A link to endotoxic shock. <i>Journal of Biological Chemistry</i> , 1997 , 272, 4295-301	5.4	161
2	Collagen VIII is expressed by vascular smooth muscle cells in response to vascular injury. <i>Circulation Research</i> , 1997 , 80, 532-41	15.7	61
1	Suppression of interleukin-1beta-induced nitric-oxide synthase promoter/enhancer activity by transforming growth factor-beta1 in vascular smooth muscle cells. Evidence for mechanisms other than NF-kappaB. <i>Journal of Biological Chemistry</i> , 1996 , 271, 13776-80	5.4	67