Citation Report
List of articles citing

Carbon monoxide-releasing molecule-2 (CORM-2) attenuates acute hepatic ischemia reperfusion injury in rats

DOI: 10.1186/1471-230x-10-42
BMC Gastroenterology, 2010, 10, 42.

#	Paper	IF	Citations
76	Astragaloside IV protects against ischemia reperfusion in a murine model of orthotopic liver transplantation. *Transplantation Proceedings*, **2011**, 43, 1456-61	1.1	18
75	Wound healing activity of carbon monoxide liberated from CO-releasing molecule (CO-RM). *Naunyn-Schmiedebergls Archives of Pharmacology*, **2011**, 384, 93-102	3.4	24
74	Distinct different contributions of the alternative and classical complement activation pathway for the innate host response during sepsis. *Journal of Immunology*, **2011**, 186, 3066-75	5.3	19
73	Therapeutic potential of pegylated hemin for reactive oxygen species-related diseases via induction of heme oxygenase-1: results from a rat hepatic ischemia/reperfusion injury model. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 339, 779-89	4.7	38
72	NBD peptides protect against ischemia reperfusion after orthotopic liver transplantation in rats. *Journal of Surgical Research*, **2012**, 176, 666-71	2.5	8
71	Sulforaphane has opposing effects on TNF-alpha stimulated and unstimulated synoviocytes. *Arthritis Research and Therapy*, **2012**, 14, R220	5.7	35
70	Emerging concepts on the anti-inflammatory actions of carbon monoxide-releasing molecules (CO-RMs). *Medical Gas Research*, **2012**, 2, 28	2.2	67
69	Heme oxygenase, inflammation, and fibrosis: the good, the bad, and the ugly?. *Frontiers in Pharmacology*, **2012**, 3, 81	5.6	63
68	Downregulation of the inflammatory response by CORM-3 results in protective effects in a model of postmenopausal arthritis. *Calcified Tissue International*, **2012**, 91, 69-80	3.9	12
67	Carbon monoxide-sensitive apoptotic death of erythrocytes. *Basic and Clinical Pharmacology and Toxicology*, **2012**, 111, 348-55	3.1	37
66	Use of carbon monoxide in minimizing ischemia/reperfusion injury in transplantation. *Transplantation Reviews*, **2012**, 26, 125-39	3.3	39
65	Improving the function of liver grafts exposed to warm ischemia by the Leuven drug protocol: exploring the molecular basis by microarray. *Liver Transplantation*, **2012**, 18, 206-18	4.5	8
64	The immunomodulatory role of carbon monoxide during transplantation. *Medical Gas Research*, **2013**, 3, 1	2.2	21
63	Signaling Molecule Delivery (CO). **2013**, 857-876		5
62	The social network of carbon monoxide in medicine. *Trends in Molecular Medicine*, **2013**, 19, 3-11	11.5	85
61	Hepatic ischemia and reperfusion injury: effects on the liver sinusoidal milieu. *Journal of Hepatology* , **2013**, 59, 1094-106	13.4	327
60	Tissue-protective effect of glutamine on hepatic ischemia-reperfusion injury via induction of heme oxygenase-1. *Pharmacology*, **2013**, 91, 59-68	2.3	11

59	Effect of carbon monoxide donor CORM-2 on vitamin D3 metabolism. *Kidney and Blood Pressure Research*, **2013**, 37, 496-505	3.1	12
58	Carbon monoxide potently prevents ischemia-induced high-mobility group box 1 translocation and release and protects against lethal renal ischemia-reperfusion injury. *Kidney International*, **2014**, 86, 525-37	8.9	46
57	Carbon monoxide-releasing molecule attenuates allograft airway rejection. *Transplant International* , **2014**, 27, 741-7	3	8
56	The multifunctional role and therapeutic potential of HO-1 in the vascular endothelium. *Antioxidants and Redox Signaling*, **2014**, 20, 1789-809	8.4	47
55	Carbon monoxide-bound red blood cell resuscitation ameliorates hepatic injury induced by massive hemorrhage and red blood cell resuscitation via hepatic cytochrome P450 protection in hemorrhagic shock rats. *Journal of Pharmaceutical Sciences*, **2014**, 103, 2199-2206	3.9	19
54	Rodent models of hepatic ischemia-reperfusion injury: time and percentage-related pathophysiological mechanisms. *Journal of Surgical Research*, **2014**, 191, 399-412	2.5	42
53	Molecular mechanisms contributing to the protective effect of levosimendan in liver ischemia-reperfusion injury. *European Journal of Pharmacology*, **2014**, 741, 64-73	5.3	17
52	Styrene-maleic acid copolymer-encapsulated CORM2, a water-soluble carbon monoxide (CO) donor with a constant CO-releasing property, exhibits therapeutic potential for inflammatory bowel disease. *Journal of Controlled Release*, **2014**, 187, 14-21	11.7	67
51	Carbon Monoxide-Releasing Molecule-2 Reduces Intestinal Epithelial Tight-Junction Damage and Mortality in Septic Rats. *PLoS ONE*, **2015**, 10, e0145988	3.7	25
50	Liver protection strategies in liver transplantation. *Hepatobiliary and Pancreatic Diseases International*, **2015**, 14, 34-42	2.1	15
49	Effect of selective versus non-selective cyclooxygenase inhibitors on ischemia-reperfusion-induced hepatic injury in rats. *Life Sciences*, **2015**, 134, 42-8	6.8	22
48	Hydrogen sulphide induces HIF-1□and Nrf2 in THP-1 macrophages. *Biochimie*, **2015**, 112, 187-95	4.6	29
47	Hydrogen sulfide augments survival signals in warm ischemia and reperfusion of the mouse liver. *Surgery Today*, **2015**, 45, 892-903	3	31
46	Carbon Monoxide Improves Neurologic Outcomes by Mitochondrial Biogenesis after Global Cerebral Ischemia Induced by Cardiac Arrest in Rats. *International Journal of Biological Sciences*, **2016**, 12, 1000-9	11.2	17
45	Mechanisms of Diabetes-Induced Liver Damage: The role of oxidative stress and inflammation. *Sultan Qaboos University Medical Journal*, **2016**, 16, e132-41	0.9	168
44	Carbon monoxide inhibits the nuclear-cytoplasmic translocation of HMGB1 in an in vitro oxidative stress injury model of mouse renal tubular epithelial cells. *Journal of Huazhong University of Science and Technology [Medical Sciences]*, **2016**, 36, 791-795		4
43	Hydrogen Sulfide and Carbon Monoxide Protect Gastric Mucosa Compromised by Mild Stress Against Alendronate Injury. *Digestive Diseases and Sciences*, **2016**, 61, 3176-3189	4	29
42	Effect of breviscapine against hepatic ischemia reperfusion injury. *Journal of Surgical Research*, **2016**, 203, 268-74	2.5	14

41	Pretreatment of Mouse Neural Stem Cells with Carbon Monoxide-Releasing Molecule-2 Interferes with NF-B p65 Signaling and Suppresses Iron Overload-Induced Apoptosis. *Cellular and Molecular Neurobiology*, **2016**, 36, 1343-1351	4.6	11
40	Carbon monoxide ameliorates hepatic ischemia/reperfusion injury via sirtuin 1-mediated deacetylation of high-mobility group box 1 in rats. *Liver Transplantation*, **2017**, 23, 510-526	4.5	22
39	Psoriasin has divergent effects on the innate immune responses of murine glial cells. *Journal of Neurochemistry*, **2017**, 141, 86-99	6	3
38	Systemic application of carbon monoxide-releasing molecule 3 protects skeletal muscle from ischemia-reperfusion injury. *Journal of Vascular Surgery*, **2017**, 66, 1864-1871	3.5	7
37	CO-releasing molecules CORM2 attenuates angiotensin II-induced human aortic smooth muscle cell migration through inhibition of ROS/IL-6 generation and matrix metalloproteinases-9 expression. *Redox Biology*, **2017**, 12, 377-388	11.3	25
36	The Carbon monoxide releasing molecule ALF-186 mediates anti-inflammatory and neuroprotective effects via the soluble guanylate cyclase in rats' retinal ganglion cells after ischemia and reperfusion injury. *Journal of Neuroinflammation*, **2017**, 14, 130	10.1	18
35	CRAMP deficiency leads to a pro-inflammatory phenotype and impaired phagocytosis after exposure to bacterial meningitis pathogens. *Cell Communication and Signaling*, **2017**, 15, 32	7.5	6
34	Effect of melatonin versus vitamin D as antioxidant and Hepatoprotective agents in STZ-induced diabetic rats. *Journal of Diabetes and Metabolic Disorders*, **2017**, 16, 41	2.5	11
33	DADLE improves hepatic ischemia/reperfusion injury in mice via activation of the Nrf2/HO-1 pathway. *Molecular Medicine Reports*, **2017**, 16, 6214-6221	2.9	12
32	Carbon Monoxide Impairs CD11bLy-6C Monocyte Migration from the Blood to Inflamed Pancreas via Inhibition of the CCL2/CCR2 Axis. *Journal of Immunology*, **2018**, 200, 2104-2114	5.3	17
31	Role of mitofusin 2 in the protective effect of breviscapine against hepatic ischemia/reperfusion injury in rats. *Experimental and Therapeutic Medicine*, **2018**, 15, 3582-3588	2.1	5
30	Cellular and molecular approaches to enhance myocardial recovery after myocardial infarction. *Cardiovascular Revascularization Medicine*, **2019**, 20, 351-364	1.6	0
29	Carbon monoxide ameliorates acetaminophen-induced liver injury by increasing hepatic HO-1 and Parkin expression. *FASEB Journal*, **2019**, 33, 13905-13919	0.9	14
28	Protective effects of di- and tri-peptides containing proline, glycine, and leucine on liver enzymology and histopathology of diabetic mice. *Archives of Physiology and Biochemistry*, **2019**, 1-10	2.2	3
27	Modulation of oxidative-nitrosative stress and inflammatory response by rapamycin in target and distant organs in rats exposed to hindlimb ischemia-reperfusion: the role of mammalian target of rapamycin. *Canadian Journal of Physiology and Pharmacology*, **2019**, 97, 1193-1203	2.4	4
26	The hepatoprotective effect of sitagliptin against hepatic ischemia reperfusion-induced injury in rats involves Nrf-2/HO-1 pathway. *Pharmacological Reports*, **2019**, 71, 1044-1049	3.9	14
25	Novel Role of Carbon Monoxide in Improving Neurological Outcome After Cardiac Arrest in Aged Rats: Involvement of Inducing Mitochondrial Autophagy. *Journal of the American Heart Association*, **2019**, 8, e011851	6	9
24	The Protective Effects of Carbon Monoxide Against Hepatic Warm Ischemia-Reperfusion Injury in MHC-Inbred Miniature Swine. *Journal of Gastrointestinal Surgery*, **2020**, 24, 974-982	3.3	2

23	Pumpkin () seeds protect against formaldehyde-induced major organ damages. *Heliyon*, **2020**, 6, e04587	3.6	4
22	CORM-2-entrapped ultradeformable liposomes ameliorate acute skin inflammation in an ear edema model effective CO delivery. *Acta Pharmaceutica Sinica B*, **2020**, 10, 2362-2373	15.5	6
21	Renoprotective Effects of Di- and Tri-peptides Containing Proline, Glycine and Leucine in Diabetes Model of Adult Mice: Enzymology and Histopathology. *International Journal of Peptide Research and Therapeutics*, **2020**, 26, 2345-2354	2.1	1
20	THE EFFECT OF CARBON MONOXIDE DONOR CORM-2 ON ERYTHROCYTE AQUAPORINS. *World of Medicine and Biology*, **2021**, 17, 167	0.2	1
19	Metabotropic Glutamate Receptor Blockade Reduces Preservation Damage in Livers from Donors after Cardiac Death. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
18	The Diverse Roles of Heme Oxygenase-1 in Tumor Progression. *Frontiers in Immunology*, **2021**, 12, 658315	8.4	19
17	Does Short-Term and Low-Dose N-Acetylcysteine Affect Oxidative Stress and Inflammation in The Liver Tissues of Diabetic Rats?. *Biological Research for Nursing*, **2021**, 23, 568-574	2.6	1
16	Carbon Monoxide Releasing Molecule A1 Reduces Myocardial Damage After Acute Myocardial Infarction in a Porcine Model. *Journal of Cardiovascular Pharmacology*, **2021**, 78, e656-e661	3.1	1
15	The Protective Role of the Heme Catabolic Pathway in Hepatic Disorders. *Antioxidants and Redox Signaling*, **2021**, 35, 734-752	8.4	2
14	The Role of Carbon Monoxide as a Gasotransmitter in Cardiovascular and Metabolic Regulation. **2012**, 37-70		9
13	Chapter 7:Signaling by CO: Molecular and Cellular Functions. *2-Oxoglutarate-Dependent Oxygenases* , **2018**, 161-191	1.8	1
12	Carbon monoxide-based therapy ameliorates acute pancreatitis via TLR4 inhibition. *Journal of Clinical Investigation*, **2014**, 124, 437-47	15.9	59
11	Protective effects of carbon monoxide-releasing molecule-2 on the barrier function of intestinal epithelial cells. *PLoS ONE*, **2014**, 9, e104032	3.7	13
10	Carbon Monoxide Ameliorates 6-Hydroxydopamine-Induced Cell Death in C6 Glioma Cells. *Biomolecules and Therapeutics*, **2018**, 26, 175-181	4.2	6
9	Rationale for ozone-therapy as an adjuvant therapy in COVID-19: a narrative review. *Medical Gas Research*, **2020**, 10, 134-138	2.2	4
8	Protective mechanisms of telmisartan against hepatic ischemia/reperfusion injury in rats may involve PPAR induced TLR4/NF-B suppression.. *Biomedicine and Pharmacotherapy*, **2022**, 145, 112374	7.5	1
7	Hepatoprotective Effect of against Streptozotocin-Induced Oxidative Stress, Apoptosis, and Inflammations in Rats.. *Oxidative Medicine and Cellular Longevity*, **2022**, 2022, 1499510	6.7	2
6	CO as a Protective Mediator of Liver Injury. **2022**, 385-400		

5	Hydrophilic CO-Releasing Material of PEGlyated Ruthenium Carbonyl Complex. *Materials*, **2022**, 15, 3597	3.5
4	Targeting the Hepatic Microenvironment to Improve Ischemia/Reperfusion Injury: New Insights into the Immune and Metabolic Compartments. **2022**, 13, 1196	1
3	Controlled therapeutic delivery of CO from carbon monoxide-releasing molecules (CORMs). **2022**, 350, 652-667	0
2	Nutrigenomics of type 2 diabetes: Gene□diet interactions. **2023**, 85-113	0
1	Metal Coordination Complexes as Therapeutic Agents for Ischemia-Reperfusion Injury.	0