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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.

45 papers	1,244 citations	22 h-index	34 g-index
52 ext. papers	1,423 ext. citations	5.3 avg, IF	4.05 L-index

#	Paper	IF	Citations
45	Role of Obesity, Physical Exercise, Adipose Tissue-Skeletal Muscle Crosstalk and Molecular Advances in Barrett's Esophagus and Esophageal Adenocarcinoma.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
44	Novel Hydrogen Sulfide (HS)-Releasing BW-HS-101 and Its Non-HS Releasing Derivative in Modulation of Microscopic and Molecular Parameters of Gastric Mucosal Barrier. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
43	Intestinal Alkaline Phosphatase Combined with Voluntary Physical Activity Alleviates Experimental Colitis in Obese Mice. Involvement of Oxidative Stress, Myokines, Adipokines and Proinflammatory Biomarkers. <i>Antioxidants</i> , 2021 , 10,	7.1	1
42	Evidence for Cytoprotective Effect of Carbon Monoxide Donor in the Development of Acute Esophagitis Leading to Acute Esophageal Epithelium Lesions. <i>Cells</i> , 2020 , 9,	7.9	9
41	Oxidative gastric mucosal damage induced by ischemia/reperfusion and the mechanisms of its prevention by carbon monoxide-releasing tricarbonyldichlororuthenium (II) dimer. <i>Free Radical Biology and Medicine</i> , 2019 , 145, 198-208	7.8	22
40	Effect of Forced Physical Activity on the Severity of Experimental Colitis in Normal Weight and Obese Mice. Involvement of Oxidative Stress and Proinflammatory Biomarkers. <i>Nutrients</i> , 2019 , 11,	6.7	15
39	Curcumin: A Potent Protectant against Esophageal and Gastric Disorders. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
38	Time-dependent course of gastric ulcer healing and molecular markers profile modulated by increased gastric mucosal content of carbon monoxide released from its pharmacological donor. <i>Biochemical Pharmacology</i> , 2019 , 163, 71-83	6	14
37	Role of Obesity, Mesenteric Adipose Tissue, and Adipokines in Inflammatory Bowel Diseases. <i>Biomolecules</i> , 2019 , 9,	5.9	34
36	Nitric oxide, afferent sensory nerves, and antioxidative enzymes in the mechanism of protection mediated by tricarbonyldichlororuthenium(II) dimer and sodium hydrosulfide against aspirin-induced gastric damage. <i>Journal of Gastroenterology</i> , 2018 , 53, 52-63	6.9	17
35	Melatonin in Prevention of the Sequence from Reflux Esophagitis to Barrett's Esophagus and Esophageal Adenocarcinoma: Experimental and Clinical Perspectives. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
34	Mechanisms of curcumin-induced gastroprotection against ethanol-induced gastric mucosal lesions. <i>Journal of Gastroenterology</i> , 2018 , 53, 618-630	6.9	20
33	Cross-talk between hydrogen sulfide and carbon monoxide in the mechanism of experimental gastric ulcers healing, regulation of gastric blood flow and accompanying inflammation. <i>Biochemical Pharmacology</i> , 2018 , 149, 131-142	6	30
32	Exploiting Significance of Physical Exercise in Prevention of Gastrointestinal Disorders. <i>Current Pharmaceutical Design</i> , 2018 , 24, 1916-1925	3.3	11
31	Alterations in Gastric Mucosal Expression of Calcitonin Gene-Related Peptides, Vanilloid Receptors, and Heme Oxygenase-1 Mediate Gastroprotective Action of Carbon Monoxide against Ethanol-Induced Gastric Mucosal Lesions. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	13
30	Carbon monoxide released from its pharmacological donor, tricarbonyldichlororuthenium (II) dimer, accelerates the healing of pre-existing gastric ulcers. <i>British Journal of Pharmacology</i> , 2017 , 174, 3654-3668	8.6	27
29	Exogenous and Endogenous Hydrogen Sulfide Protects Gastric Mucosa against the Formation and Time-Dependent Development of Ischemia/Reperfusion-Induced Acute Lesions Progressing into Deeper Ulcerations. <i>Molecules</i> , 2017 , 22,	4.8	23

28	Hydrogen Sulphide Production in Healthy and Ulcerated Gastric Mucosa of Rats. <i>Molecules</i> , 2017 , 22,	4.8	10
27	Recent Advances in the Gastric Mucosal Protection Against Stress-induced Gastric Lesions. Importance of Renin-angiotensin Vasoactive Metabolites, Gaseous Mediators and Appetite Peptides. <i>Current Pharmaceutical Design</i> , 2017 , 23, 3910-3922	3.3	10
26	Hydrogen Sulfide and Carbon Monoxide Protect Gastric Mucosa Compromised by Mild Stress Against Alendronate Injury. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 3176-3189	4	29
25	Interaction between endogenous carbon monoxide and hydrogen sulfide in the mechanism of gastroprotection against acute aspirin-induced gastric damage. <i>Pharmacological Research</i> , 2016 , 114, 235-250	10.2	32
24	Can exercise affect the course of inflammatory bowel disease? Experimental and clinical evidence. <i>Pharmacological Reports</i> , 2016 , 68, 827-36	3.9	52
23	Mechanisms by which Stress Affects the Experimental and Clinical Inflammatory Bowel Disease (IBD): Role of Brain-Gut Axis. <i>Current Neuropharmacology</i> , 2016 , 14, 892-900	7.6	76
22	The Protective Role of Carbon Monoxide (CO) Produced by Heme Oxygenases and Derived from the CO-Releasing Molecule CORM-2 in the Pathogenesis of Stress-Induced Gastric Lesions: Evidence for Non-Involvement of Nitric Oxide (NO). <i>International Journal of Molecular Sciences</i> , 2016 , 17, 442	6.3	27
21	Role of sensory afferent nerves, lipid peroxidation and antioxidative enzymes in the carbon monoxide-induced gastroprotection against stress ulcerogenesis. <i>Journal of Physiology and Pharmacology</i> , 2016 , 67, 717-729	2.1	14
20	Gaseous mediators nitric oxide and hydrogen sulfide in the mechanism of gastrointestinal integrity, protection and ulcer healing. <i>Molecules</i> , 2015 , 20, 9099-123	4.8	68
19	Carbon Monoxide (CO) Released from Tricarbonyldichlororuthenium (II) Dimer (CORM-2) in Gastroprotection against Experimental Ethanol-Induced Gastric Damage. <i>PLoS ONE</i> , 2015 , 10, e0140493	3.7	38
18	Endogenous prostaglandins and afferent sensory nerves in gastroprotective effect of hydrogen sulfide against stress-induced gastric lesions. <i>PLoS ONE</i> , 2015 , 10, e0118972	3.7	36
17	Exogenous asymmetric dimethylarginine (ADMA) in pathogenesis of ischemia-reperfusion-induced gastric lesions: interaction with protective nitric oxide (NO) and calcitonin gene-related peptide (CGRP). <i>International Journal of Molecular Sciences</i> , 2014 , 15, 4946-64	6.3	19
16	Esophagoprotection mediated by exogenous and endogenous melatonin in an experimental model of reflux esophagitis. <i>Journal of Pineal Research</i> , 2013 , 55, 46-57	10.4	11
15	Role of angiotensin-(1-7) in gastroprotection against stress-induced ulcerogenesis. The involvement of mas receptor, nitric oxide, prostaglandins, and sensory neuropeptides. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 347, 717-26	4.7	14
14	The impact of asymmetric dimethylarginine (ADAMA), the endogenous nitric oxide (NO) synthase inhibitor, to the pathogenesis of gastric mucosal damage. <i>Current Pharmaceutical Design</i> , 2013 , 19, 90-7	3.3	19
13	Nitric oxide-releasing aspirin but not conventional aspirin improves healing of experimental colitis. <i>World Journal of Gastroenterology</i> , 2011 , 17, 4076-89	5.6	20
12	Involvement of orexigenic peptides in the mechanism of gastric mucosal integrity and healing of chronic gastric ulcers. <i>Current Pharmaceutical Design</i> , 2010 , 16, 1214-23	3.3	18
11	Therapeutic potential of 1-methylnicotinamide against acute gastric lesions induced by stress: role of endogenous prostacyclin and sensory nerves. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 326, 105-16	4.7	53

10	Prostaglandin/cyclooxygenase pathway in ghrelin-induced gastroprotection against ischemia-reperfusion injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 477-87	4.7	57
9	Agonist of peroxisome proliferator-activated receptor gamma (PPAR-gamma): a new compound with potent gastroprotective and ulcer healing properties. <i>Inflammopharmacology</i> , 2005 , 13, 317-30	5.1	22
8	Grapefruit-seed extract attenuates ethanol-and stress-induced gastric lesions via activation of prostaglandin, nitric oxide and sensory nerve pathways. <i>World Journal of Gastroenterology</i> , 2005 , 11, 6450-8	5.6	47
7	Involvement of capsaicin-sensitive afferent nerves and cholecystokinin 2/gastrin receptors in gastroprotection and adaptation of gastric mucosa to <i>Helicobacter pylori</i> -lipopolysaccharide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 310, 116-25	4.7	6
6	Ischemic preconditioning of remote organs attenuates gastric ischemia-reperfusion injury through involvement of prostaglandins and sensory nerves. <i>European Journal of Pharmacology</i> , 2004 , 499, 201-13	5.3	47
5	Role of prostaglandins, nitric oxide, sensory nerves and gastrin in acceleration of ulcer healing by melatonin and its precursor, L-tryptophan. <i>Journal of Pineal Research</i> , 2002 , 32, 149-62	10.4	40
4	Nitric oxide releasing aspirin protects the gastric mucosa against stress and promotes healing of stress-induced gastric mucosal damage: role of heat shock protein 70. <i>Digestion</i> , 2002 , 66, 160-72	3.6	19
3	Ischemic preconditioning, the most effective gastroprotective intervention: involvement of prostaglandins, nitric oxide, adenosine and sensory nerves. <i>European Journal of Pharmacology</i> , 2001 , 427, 263-76	5.3	49
2	Role of gastric acid secretion in progression of acute gastric erosions induced by ischemia-reperfusion into gastric ulcers. <i>European Journal of Pharmacology</i> , 2000 , 398, 147-58	5.3	65
1	Central leptin and cholecystokinin in gastroprotection against ethanol-induced damage. <i>Digestion</i> , 2000 , 62, 126-42	3.6	37