Slawomir Kwiecien

List of Publications by Citations

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	Mechanisms by which Stress Affects the Experimental and Clinical Inflammatory Bowel Disease (IBD): Role of Brain-Gut Axis. *Current Neuropharmacology*, **2016**, 14, 892-900	7.6	76
44	Gaseous mediators nitric oxide and hydrogen sulfide in the mechanism of gastrointestinal integrity, protection and ulcer healing. *Molecules*, **2015**, 20, 9099-123	4.8	68
43	Role of gastric acid secretion in progression of acute gastric erosions induced by ischemia-reperfusion into gastric ulcers. *European Journal of Pharmacology*, **2000**, 398, 147-58	5.3	65
42	Prostaglandin/cyclooxygenase pathway in ghrelin-induced gastroprotection against ischemia-reperfusion injury. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 319, 477-87	4.7	57
41	Therapeutic potential of 1-methylnicotinamide against acute gastric lesions induced by stress: role of endogenous prostacyclin and sensory nerves. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 326, 105-16	4.7	53
40	Can exercise affect the course of inflammatory bowel disease? Experimental and clinical evidence. *Pharmacological Reports*, **2016**, 68, 827-36	3.9	52
39	Ischemic preconditioning, the most effective gastroprotective intervention: involvement of prostaglandins, nitric oxide, adenosine and sensory nerves. *European Journal of Pharmacology*, **2001**, 427, 263-76	5.3	49
38	Ischemic preconditioning of remote organs attenuates gastric ischemia-reperfusion injury through involvement of prostaglandins and sensory nerves. *European Journal of Pharmacology*, **2004**, 499, 201-13	5.3	47
37	Grapefruit-seed extract attenuates ethanol-and stress-induced gastric lesions via activation of prostaglandin, nitric oxide and sensory nerve pathways. *World Journal of Gastroenterology*, **2005**, 11, 6450-8	5.6	47
36	Role of prostaglandins, nitric oxide, sensory nerves and gastrin in acceleration of ulcer healing by melatonin and its precursor, L-tryptophan. *Journal of Pineal Research*, **2002**, 32, 149-62	10.4	40
35	Carbon Monoxide (CO) Released from Tricarbonyldichlororuthenium (II) Dimer (CORM-2) in Gastroprotection against Experimental Ethanol-Induced Gastric Damage. *PLoS ONE*, **2015**, 10, e0140493	3.7	38
34	Central leptin and cholecystokinin in gastroprotection against ethanol-induced damage. *Digestion*, **2000**, 62, 126-42	3.6	37
33	Endogenous prostaglandins and afferent sensory nerves in gastroprotective effect of hydrogen sulfide against stress-induced gastric lesions. *PLoS ONE*, **2015**, 10, e0118972	3.7	36
32	Role of Obesity, Mesenteric Adipose Tissue, and Adipokines in Inflammatory Bowel Diseases. *Biomolecules*, **2019**, 9,	5.9	34
31	Interaction between endogenous carbon monoxide and hydrogen sulfide in the mechanism of gastroprotection against acute aspirin-induced gastric damage. *Pharmacological Research*, **2016**, 114, 235-250	10.2	32
30	Cross-talk between hydrogen sulfide and carbon monoxide in the mechanism of experimental gastric ulcers healing, regulation of gastric blood flow and accompanying inflammation. *Biochemical Pharmacology*, **2018**, 149, 131-142	6	30
29	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

28	Carbon monoxide released from its pharmacological donor, tricarbonyldichlororuthenium (II) dimer, accelerates the healing of pre-existing gastric ulcers. *British Journal of Pharmacology*, **2017**, 174, 3654-3668	8.6	27
27	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). *International Journal of Molecular Sciences*, **2016**, 17, 442	6.3	27
26	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. *Molecules*, **2017**, 22,	4.8	23
25	Oxidative gastric mucosal damage induced by ischemia/reperfusion and the mechanisms of its prevention by carbon monoxide-releasing tricarbonyldichlororuthenium (II) dimer. *Free Radical Biology and Medicine*, **2019**, 145, 198-208	7.8	22
24	Agonist of peroxisome proliferator-activated receptor gamma (PPAR-gamma): a new compound with potent gastroprotective and ulcer healing properties. *Inflammopharmacology*, **2005**, 13, 317-30	5.1	22
23	Mechanisms of curcumin-induced gastroprotection against ethanol-induced gastric mucosal lesions. *Journal of Gastroenterology*, **2018**, 53, 618-630	6.9	20
22	Nitric oxide-releasing aspirin but not conventional aspirin improves healing of experimental colitis. *World Journal of Gastroenterology*, **2011**, 17, 4076-89	5.6	20
21	Curcumin: A Potent Protectant against Esophageal and Gastric Disorders. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	19
20	Exogenous asymmetric dimethylarginine (ADMA) in pathogenesis of ischemia-reperfusion-induced gastric lesions: interaction with protective nitric oxide (NO) and calcitonin gene-related peptide (CGRP). *International Journal of Molecular Sciences*, **2014**, 15, 4946-64	6.3	19
19	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. *Digestion*, **2002**, 66, 160-72	3.6	19
18	The impact of asymmetric dimethylarginine (ADAMA), the endogenous nitric oxide (NO) synthase inhibitor, to the pathogenesis of gastric mucosal damage. *Current Pharmaceutical Design*, **2013**, 19, 90-7	3.3	19
17	Involvement of orexigenic peptides in the mechanism of gastric mucosal integrity and healing of chronic gastric ulcers. *Current Pharmaceutical Design*, **2010**, 16, 1214-23	3.3	18
16	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. *Journal of Gastroenterology*, **2018**, 53, 52-63	6.9	17
15	Effect of Forced Physical Activity on the Severity of Experimental Colitis in Normal Weight and Obese Mice. Involvement of Oxidative Stress and Proinflammatory Biomarkers. *Nutrients*, **2019**, 11,	6.7	15
14	Role of angiotensin-(1-7) in gastroprotection against stress-induced ulcerogenesis. The involvement of mas receptor, nitric oxide, prostaglandins, and sensory neuropeptides. *Journal of Pharmacology and Experimental Therapeutics*, **2013**, 347, 717-26	4.7	14
13	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. *Biochemical Pharmacology*, **2019**, 163, 71-83	6	14
12	Role of sensory afferent nerves, lipid peroxidation and antioxidative enzymes in the carbon monoxide-induced gastroprotection against stress ulcerogenesis. *Journal of Physiology and Pharmacology*, **2016**, 67, 717-729	2.1	14
11	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. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13

10	Esophagoprotection mediated by exogenous and endogenous melatonin in an experimental model of reflux esophagitis. *Journal of Pineal Research*, **2013**, 55, 46-57	10.4	11
9	Exploiting Significance of Physical Exercise in Prevention of Gastrointestinal Disorders. *Current Pharmaceutical Design*, **2018**, 24, 1916-1925	3.3	11
8	Melatonin in Prevention of the Sequence from Reflux Esophagitis to Barrett¥ Esophagus and Esophageal Adenocarcinoma: Experimental and Clinical Perspectives. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	10
7	Hydrogen Sulphide Production in Healthy and Ulcerated Gastric Mucosa of Rats. *Molecules*, **2017**, 22,	4.8	10
6	Recent Advances in the Gastric Mucosal Protection Against Stress-induced Gastric Lesions. Importance of Renin-angiotensin Vasoactive Metabolites, Gaseous Mediators and Appetite Peptides. *Current Pharmaceutical Design*, **2017**, 23, 3910-3922	3.3	10
5	Evidence for Cytoprotective Effect of Carbon Monoxide Donor in the Development of Acute Esophagitis Leading to Acute Esophageal Epithelium Lesions. *Cells*, **2020**, 9,	7.9	9
4	Involvement of capsaicin-sensitive afferent nerves and cholecystokinin 2/gastrin receptors in gastroprotection and adaptation of gastric mucosa to Helicobacter pylori-lipopolysaccharide. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 310, 116-25	4.7	6
3	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. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
2	Intestinal Alkaline Phosphatase Combined with Voluntary Physical Activity Alleviates Experimental Colitis in Obese Mice. Involvement of Oxidative Stress, Myokines, Adipokines and Proinflammatory Biomarkers. *Antioxidants*, **2021**, 10,	7.1	1
1	Role of Obesity, Physical Exercise, Adipose Tissue-Skeletal Muscle Crosstalk and Molecular Advances in Barrett¥ Esophagus and Esophageal Adenocarcinoma.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1