

John L Wallace

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239
papers

21,598
citations

76
h-index

140
g-index

245
ext. papers

23,105
ext. citations

6.9
avg, IF

7.05
L-index

#	Paper	IF	Citations
239	Hapten-Induced Model of Chronic Inflammation and Ulceration in the Rat Colon. <i>Gastroenterology</i> , 1989 , 96, 795-803	13.3	1239
238	Resolution of inflammation: state of the art, definitions and terms. <i>FASEB Journal</i> , 2007 , 21, 325-32	0.9	821
237	Hydrogen sulfide is an endogenous modulator of leukocyte-mediated inflammation. <i>FASEB Journal</i> , 2006 , 20, 2118-20	0.9	676
236	Hapten-induced model of chronic inflammation and ulceration in the rat colon. <i>Gastroenterology</i> , 1989 , 96, 795-803	13.3	639
235	NSAID-induced gastric damage in rats: requirement for inhibition of both cyclooxygenase 1 and 2. <i>Gastroenterology</i> , 2000 , 119, 706-14	13.3	555
234	Matrix metalloproteinase processing of monocyte chemoattractant proteins generates CC chemokine receptor antagonists with anti-inflammatory properties in vivo. <i>Blood</i> , 2002 , 100, 1160-1167	2.2	486
233	Hydrogen sulfide-based therapeutics: exploiting a unique but ubiquitous gasotransmitter. <i>Nature Reviews Drug Discovery</i> , 2015 , 14, 329-45	64.1	482
232	Prostaglandins, NSAIDs, and gastric mucosal protection: why doesn't the stomach digest itself?. <i>Physiological Reviews</i> , 2008 , 88, 1547-65	47.9	437
231	Inhibition of leukotriene synthesis markedly accelerates healing in a rat model of inflammatory bowel disease. <i>Gastroenterology</i> , 1989 , 96, 29-36	13.3	372
230	Inhibition of hydrogen sulfide generation contributes to gastric injury caused by anti-inflammatory nonsteroidal drugs. <i>Gastroenterology</i> , 2005 , 129, 1210-24	13.3	331
229	Nitric oxide in mucosal defense: a little goes a long way. <i>Gastroenterology</i> , 2000 , 119, 512-20	13.3	330
228	Microglial activation and beta -amyloid deposit reduction caused by a nitric oxide-releasing nonsteroidal anti-inflammatory drug in amyloid precursor protein plus presenilin-1 transgenic mice. <i>Journal of Neuroscience</i> , 2002 , 22, 2246-54	6.6	327
227	Protease-activated receptors in inflammation, neuronal signaling and pain. <i>Trends in Pharmacological Sciences</i> , 2001 , 22, 146-52	13.2	327
226	Proton pump inhibitors exacerbate NSAID-induced small intestinal injury by inducing dysbiosis. <i>Gastroenterology</i> , 2011 , 141, 1314-22, 1322.e1-5	13.3	318
225	The emerging roles of hydrogen sulfide in the gastrointestinal tract and liver. <i>Gastroenterology</i> , 2006 , 131, 259-71	13.3	311
224	Induction of intestinal inflammation in mouse by activation of proteinase-activated receptor-2. <i>American Journal of Pathology</i> , 2002 , 161, 1903-15	5.8	311
223	The cellular and molecular basis of gastric mucosal defense. <i>FASEB Journal</i> , 1996 , 10, 731-40	0.9	271

222	Cyclooxygenase 1 contributes to inflammatory responses in rats and mice: implications for gastrointestinal toxicity. <i>Gastroenterology</i> , 1998 , 115, 101-9	13.3	266
221	Novel nonsteroidal anti-inflammatory drug derivatives with markedly reduced ulcerogenic properties in the rat. <i>Gastroenterology</i> , 1994 , 107, 173-9	13.3	260
220	A monoclonal antibody against the CD18 leukocyte adhesion molecule prevents indomethacin-induced gastric damage in the rabbit. <i>Gastroenterology</i> , 1991 , 100, 878-83	13.3	251
219	Hydrogen sulfide-releasing anti-inflammatory drugs. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 501-5	13.2	242
218	Proteinase-activated receptors 1 and 4 counter-regulate endostatin and VEGF release from human platelets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 216-20	11.5	232
217	Potent ulcerogenic actions of platelet-activating factor on the stomach. <i>Nature</i> , 1986 , 319, 54-6	50.4	229
216	Gastrointestinal safety and anti-inflammatory effects of a hydrogen sulfide-releasing diclofenac derivative in the rat. <i>Gastroenterology</i> , 2007 , 132, 261-71	13.3	218
215	Endogenous and exogenous hydrogen sulfide promotes resolution of colitis in rats. <i>Gastroenterology</i> , 2009 , 137, 569-78, 578.e1	13.3	214
214	Evidence that hydrogen sulfide exerts antinociceptive effects in the gastrointestinal tract by activating KATP channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 325-35	4.7	214
213	Synthesis and biological effects of hydrogen sulfide (H ₂ S): development of H ₂ S-releasing drugs as pharmaceuticals. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 6275-86	8.3	213
212	A nitric oxide-releasing nonsteroidal anti-inflammatory drug accelerates gastric ulcer healing in rats. <i>Gastroenterology</i> , 1995 , 109, 524-30	13.3	210
211	Characterization of the inflammatory response to proteinase-activated receptor-2 (PAR2)-activating peptides in the rat paw. <i>British Journal of Pharmacology</i> , 1999 , 127, 1083-90	8.6	183
210	Hydrogen sulfide enhances ulcer healing in rats. <i>FASEB Journal</i> , 2007 , 21, 4070-6	0.9	178
209	Endothelium-derived relaxing factor (nitric oxide) has protective actions in the stomach. <i>Life Sciences</i> , 1989 , 45, 1869-76	6.8	173
208	Evidence for platelet-activating factor as a mediator of endotoxin-induced gastrointestinal damage in the rat. Effects of three platelet-activating factor antagonists. <i>Gastroenterology</i> , 1987 , 93, 765-73	13.3	169
207	Markedly reduced toxicity of a hydrogen sulphide-releasing derivative of naproxen (ATB-346). <i>British Journal of Pharmacology</i> , 2010 , 159, 1236-46	8.6	160
206	Hydrogen sulfide: an endogenous mediator of resolution of inflammation and injury. <i>Antioxidants and Redox Signaling</i> , 2012 , 17, 58-67	8.4	153
205	Role of mucus in the repair of gastric epithelial damage in the rat. Inhibition of epithelial recovery by mucolytic agents. <i>Gastroenterology</i> , 1986 , 91, 603-11	13.3	141

204	A beta-oxidation-resistant lipoxin A4 analog treats hapten-induced colitis by attenuating inflammation and immune dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 15736-41	11.5	139
203	Exacerbation of experimental colitis by nonsteroidal anti-inflammatory drugs is not related to elevated leukotriene B4 synthesis. <i>Gastroenterology</i> , 1992 , 102, 18-27	13.3	138
202	The therapeutic potential of NO-NSAIDs. <i>Fundamental and Clinical Pharmacology</i> , 2003 , 17, 11-20	3.1	127
201	Mechanisms, prevention and clinical implications of nonsteroidal anti-inflammatory drug-enteropathy. <i>World Journal of Gastroenterology</i> , 2013 , 19, 1861-76	5.6	125
200	A diclofenac derivative without ulcerogenic properties. <i>European Journal of Pharmacology</i> , 1994 , 257, 249-55	5.3	123
199	The roles of ethanol and of acid in the production of gastric mucosal erosions in rats. <i>Vigiliae Christianae</i> , 1981 , 38, 23-38	0.2	121
198	Cyclooxygenase-2-derived lipoxin A4 increases gastric resistance to aspirin-induced damage. <i>Gastroenterology</i> , 2002 , 123, 1598-606	13.3	120
197	Cyclooxygenase-2-derived prostaglandin D(2) is an early anti-inflammatory signal in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, G238-44	5.1	119
196	Divergent effects of new cyclooxygenase inhibitors on gastric ulcer healing: Shifting the angiogenic balance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13243-7	11.5	118
195	5-Amino-2-hydroxybenzoic acid 4-(5-thioxo-5H-[1,2]dithiol-3yl)-phenyl ester (ATB-429), a hydrogen sulfide-releasing derivative of mesalamine, exerts antinociceptive effects in a model of postinflammatory hypersensitivity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 447-58	4.7	116
194	Potential cardioprotective actions of no-releasing aspirin. <i>Nature Reviews Drug Discovery</i> , 2002 , 1, 375-82	4.1	115
193	Proteinase-activated receptor 1 activation induces epithelial apoptosis and increases intestinal permeability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 11104-9	11.5	114
192	Pathogenesis of NSAID-induced gastroduodenal mucosal injury. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2001 , 15, 691-703	2.5	113
191	Systematic study of constitutive cyclooxygenase-2 expression: Role of NF- κ B and NFAT transcriptional pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 434-9	11.5	112
190	Emerging roles for cyclooxygenase-2 in gastrointestinal mucosal defense. <i>British Journal of Pharmacology</i> , 2005 , 145, 275-82	8.6	112
189	Pathogenesis of NSAID gastropathy: are neutrophils the culprits?. <i>Trends in Pharmacological Sciences</i> , 1992 , 13, 129-31	13.2	112
188	Interaction of a selective cyclooxygenase-2 inhibitor with aspirin and NO-releasing aspirin in the human gastric mucosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10937-41	11.5	109
187	Agonists of proteinase-activated receptor 1 induce plasma extravasation by a neurogenic mechanism. <i>British Journal of Pharmacology</i> , 2001 , 133, 975-87	8.6	108

186	Hydrogen sulfide protects from colitis and restores intestinal microbiota biofilm and mucus production. <i>Inflammatory Bowel Diseases</i> , 2015 , 21, 1006-17	4.5	106
185	NSAID gastropathy and enteropathy: distinct pathogenesis likely necessitates distinct prevention strategies. <i>British Journal of Pharmacology</i> , 2012 , 165, 67-74	8.6	104
184	Limited anti-inflammatory efficacy of cyclo-oxygenase-2 inhibition in carrageenan-airpouch inflammation. <i>British Journal of Pharmacology</i> , 1999 , 126, 1200-4	8.6	100
183	Physiological and pathophysiological roles of hydrogen sulfide in the gastrointestinal tract. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 1125-33	8.4	99
182	Gastrointestinal inflammation: a central component of mucosal defense and repair. <i>Experimental Biology and Medicine</i> , 2006 , 231, 130-7	3.7	99
181	Prostaglandins inhibit inflammatory mediator release from rat mast cells. <i>Gastroenterology</i> , 1993 , 104, 122-9	13.3	99
180	Pro- and anti-inflammatory actions of thrombin: a distinct role for proteinase-activated receptor-1 (PAR1). <i>British Journal of Pharmacology</i> , 1999 , 126, 1262-8	8.6	98
179	Reduction by cytoprotective agents of ethanol-induced damage to the rat gastric mucosa: a correlated morphological and physiological study. <i>Canadian Journal of Physiology and Pharmacology</i> , 1982 , 60, 1686-99	2.4	96
178	<i>Giardia duodenalis</i> induces pathogenic dysbiosis of human intestinal microbiota biofilms. <i>International Journal for Parasitology</i> , 2017 , 47, 311-326	4.3	94
177	Anti-inflammatory and cytoprotective actions of hydrogen sulfide: translation to therapeutics. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 398-410	8.4	94
176	Selective cyclo-oxygenase-2 inhibition with celecoxib elevates blood pressure and promotes leukocyte adherence. <i>British Journal of Pharmacology</i> , 2000 , 129, 1423-30	8.6	94
175	Cyclooxygenase-independent chemoprevention with an aspirin derivative in a rat model of colonic adenocarcinoma. <i>Life Sciences</i> , 1998 , 62, PL 367-73	6.8	93
174	Nitric oxide as a regulator of inflammatory processes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005 , 100 Suppl 1, 5-9	2.6	89
173	Inflammatory mediators in gastrointestinal defense and injury. <i>Experimental Biology and Medicine</i> , 2001 , 226, 1003-15	3.7	87
172	Indomethacin-induced gastric injury and leukocyte adherence in arthritic versus healthy rats. <i>Gastroenterology</i> , 1995 , 109, 1173-80	13.3	87
171	Wound collagen deposition in rats: effects of an NO-NSAID and a selective COX-2 inhibitor. <i>British Journal of Pharmacology</i> , 2000 , 129, 681-6	8.6	85
170	Prostaglandin biology in inflammatory bowel disease. <i>Gastroenterology Clinics of North America</i> , 2001 , 30, 971-80	4.4	82
169	Nonsteroidal anti-inflammatory drugs and the gastrointestinal tract. Mechanisms of protection and healing: current knowledge and future research. <i>American Journal of Medicine</i> , 2001 , 110, 19S-23S	2.4	81

168	The mucoid cap over superficial gastric damage in the rat. A high-pH microenvironment dissipated by nonsteroidal antiinflammatory drugs and endothelin. <i>Gastroenterology</i> , 1990 , 99, 295-304	13.3	81
167	Enhanced anti-inflammatory effects of a nitric oxide-releasing derivative of mesalamine in rats. <i>Gastroenterology</i> , 1999 , 117, 557-66	13.3	79
166	Hydrogen sulphide synthesis in the rat and mouse gastrointestinal tract. <i>Digestive and Liver Disease</i> , 2010 , 42, 103-9	3.3	77
165	In vivo antithrombotic effects of a nitric oxide-releasing aspirin derivative, NCX-4016. <i>Thrombosis Research</i> , 1999 , 93, 43-50	8.2	77
164	Distribution and expression of cyclooxygenase (COX) isoenzymes, their physiological roles, and the categorization of nonsteroidal anti-inflammatory drugs (NSAIDs). <i>American Journal of Medicine</i> , 1999 , 107, 11S-16S; discussion 16S-17S	2.4	77
163	Colitis induced by proteinase-activated receptor-2 agonists is mediated by a neurogenic mechanism. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003 , 81, 920-7	2.4	76
162	The 1994 Merck Frosst Award. Mechanisms of nonsteroidal anti-inflammatory drug (NSAID) induced gastrointestinal damage—potential for development of gastrointestinal tract safe NSAIDs. <i>Canadian Journal of Physiology and Pharmacology</i> , 1994 , 72, 1493-8	2.4	76
161	Interactions of hydrogen sulfide with myeloperoxidase. <i>British Journal of Pharmacology</i> , 2015 , 172, 1516-32	3.2	75
160	Hapten-induced chronic colitis in the rat: alternatives to trinitrobenzene sulfonic acid. <i>Journal of Pharmacological and Toxicological Methods</i> , 1995 , 33, 237-9	1.7	75
159	Gastrointestinal-sparing effects of novel NSAIDs in rats with compromised mucosal defence. <i>PLoS ONE</i> , 2012 , 7, e35196	3.7	72
158	Gaseous mediators in resolution of inflammation. <i>Seminars in Immunology</i> , 2015 , 27, 227-33	10.7	70
157	Hydrogen Sulfide-Releasing Therapeutics: Translation to the Clinic. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 1533-1540	8.4	70
156	Hydrogen sulfide and resolution of acute inflammation: A comparative study utilizing a novel fluorescent probe. <i>Scientific Reports</i> , 2012 , 2, 499	4.9	70
155	Nitric oxide: a regulator of mucosal defense and injury. <i>Journal of Gastroenterology</i> , 1998 , 33, 792-803	6.9	69
154	Efficacy and age-related effects of nitric oxide-releasing aspirin on experimental restenosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 1689-94	11.5	69
153	NO-naproxen modulates inflammation, nociception and downregulates T cell response in rat Freund® adjuvant arthritis. <i>British Journal of Pharmacology</i> , 2000 , 130, 1399-405	8.6	69
152	Selective COX-2 inhibitors: is the water becoming muddy?. <i>Trends in Pharmacological Sciences</i> , 1999 , 20, 4-6	13.2	69
151	Tissue-selective inhibition of prostaglandin synthesis in rat by tepoxalin: anti-inflammatory without gastropathy?. <i>Gastroenterology</i> , 1993 , 105, 1630-6	13.3	69

150	Endothelial nitric oxide synthase modulates gastric ulcer healing in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, G341-6	5.1	68
149	Hydrogen sulfide-based therapeutics and gastrointestinal diseases: translating physiology to treatments. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, G467-73	5.1	67
148	Impaired hydrogen sulfide synthesis and IL-10 signaling underlie hyperhomocysteinemia-associated exacerbation of colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13559-64	11.5	66
147	Gastric ulceration: critical events at the neutrophil-endothelium interface. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993 , 71, 98-102	2.4	66
146	A role for proteinase-activated receptor-1 in inflammatory bowel diseases. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1444-56	15.9	65
145	Prevention and reversal of experimental colitis by a monoclonal antibody which inhibits leukocyte adherence. <i>Inflammation</i> , 1992 , 16, 343-54	5.1	64
144	A pro-resolution mediator, prostaglandin D(2), is specifically up-regulated in individuals in long-term remission from ulcerative colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12023-7	11.5	63
143	Release of platelet-activating factor (PAF) and accelerated healing induced by a PAF antagonist in an animal model of chronic colitis. <i>Canadian Journal of Physiology and Pharmacology</i> , 1988 , 66, 422-5	2.4	63
142	COX-2: a pivotal enzyme in mucosal protection and resolution of inflammation. <i>Scientific World Journal, The</i> , 2006 , 6, 577-88	2.2	62
141	Nitric Oxide. V. therapeutic potential of nitric oxide donors and inhibitors. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 276, G1313-6	5.1	62
140	How do NSAIDs cause ulcer disease?. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2000 , 14, 147-59	2.5	61
139	Effects of leukotrienes on susceptibility of the rat stomach to damage and investigation of the mechanism of action. <i>Gastroenterology</i> , 1990 , 98, 1178-86	13.3	61
138	Picomole doses of platelet-activating factor predispose the gastric mucosa to damage by topical irritants. <i>Prostaglandins</i> , 1986 , 31, 989-98		61
137	H2S-releasing drugs: anti-inflammatory, cytoprotective and chemopreventative potential. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 46, 25-31	5	60
136	Proteinase-activated receptor (PAR)-1 and -2 agonists induce mediator release from mast cells by pathways distinct from PAR-1 and PAR-2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 302, 466-74	4.7	60
135	Pharmacological investigation of the role of leukotrienes in the pathogenesis of experimental NSAID gastropathy. <i>Inflammation</i> , 1992 , 16, 227-40	5.1	60
134	Up-regulation of Annexin-A1 and lipoxin A(4) in individuals with ulcerative colitis may promote mucosal homeostasis. <i>PLoS ONE</i> , 2012 , 7, e39244	3.7	59
133	Relative contribution of acetylated cyclo-oxygenase (COX)-2 and 5-lipoxygenase (LOX) in regulating gastric mucosal integrity and adaptation to aspirin. <i>FASEB Journal</i> , 2003 , 17, 1171-3	0.9	59

132	Persistent epithelial dysfunction and bacterial translocation after resolution of intestinal inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, G635-44	5.1	59
131	Role of prostanoids in the protective actions of BW755C on the gastric mucosa. <i>European Journal of Pharmacology</i> , 1985 , 115, 45-52	5.3	57
130	Hydrogen sulfide: an agent of stability at the microbiome-mucosa interface. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, G143-G149	5.1	56
129	Recent advances in gastric ulcer therapeutics. <i>Current Opinion in Pharmacology</i> , 2005 , 5, 573-7	5.1	56
128	Prevention of endotoxin-induced gastrointestinal damage by CV-3988, an antagonist of platelet-activating factor. <i>European Journal of Pharmacology</i> , 1986 , 124, 209-10	5.3	56
127	Effects of chondroitin and glucosamine sulfate in a dietary bar formulation on inflammation, interleukin-1beta, matrix metalloprotease-9, and cartilage damage in arthritis. <i>Experimental Biology and Medicine</i> , 2005 , 230, 255-62	3.7	54
126	Neutrophil-mediated gastrointestinal injury. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 1998 , 12, 559-68		54
125	Nonsteroidal anti-inflammatory drug-induced gastrointestinal toxicity: new insights into an old problem. <i>Journal of Gastroenterology</i> , 1997 , 32, 127-33	6.9	53
124	NSAID enteropathy and bacteria: a complicated relationship. <i>Journal of Gastroenterology</i> , 2015 , 50, 387-393	6.9	52
123	NSAID-gastroenteropathy: new aspects of pathogenesis and prevention. <i>Current Opinion in Pharmacology</i> , 2014 , 19, 11-6	5.1	51
122	Hydrogen sulfide inhibits oxidative stress in lungs from allergic mice in vivo. <i>European Journal of Pharmacology</i> , 2013 , 698, 463-9	5.3	51
121	Eukaryotic and prokaryotic contributions to colonic hydrogen sulfide synthesis. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, G188-93	5.1	51
120	Prolonged colonic epithelial hyporesponsiveness after colitis: role of inducible nitric oxide synthase. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 276, G703-10	5.1	50
119	Enhanced synthesis and diminished degradation of hydrogen sulfide in experimental colitis: a site-specific, pro-resolution mechanism. <i>PLoS ONE</i> , 2013 , 8, e71962	3.7	50
118	Cyclooxygenase-inhibiting nitric oxide donors for osteoarthritis. <i>Trends in Pharmacological Sciences</i> , 2009 , 30, 112-7	13.2	49
117	Vasorelaxant effects of a nitric oxide-releasing aspirin derivative in normotensive and hypertensive rats. <i>British Journal of Pharmacology</i> , 2001 , 133, 1314-22	8.6	49
116	A magic bullet for mucosal protection...and aspirin is the trigger!. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 323-6	13.2	48
115	Effect of a nitric oxide-releasing naproxen derivative on hypertension and gastric damage induced by chronic nitric oxide inhibition in the rat. <i>Life Sciences</i> , 1998 , 62, PL235-40	6.8	47

114	Bacteria rapidly colonize and modulate healing of gastric ulcers in rats. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 275, G425-32	5.1	46
113	Hydrogen sulphide protects against NSAID-enteropathy through modulation of bile and the microbiota. <i>British Journal of Pharmacology</i> , 2015 , 172, 992-1004	8.6	45
112	Annexin-1 modulates repair of gastric mucosal injury. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, G764-9	5.1	45
111	Leukotriene B4 potentiates colonic ulceration in the rat. <i>Digestive Diseases and Sciences</i> , 1990 , 35, 622-9	4	45
110	Aspirin-triggered, cyclooxygenase-2-dependent lipoxin synthesis modulates vascular tone. <i>Circulation</i> , 2004 , 110, 1320-5	16.7	44
109	Nitric oxide as a mediator of gastrointestinal mucosal injury?-Say it ain't so. <i>Mediators of Inflammation</i> , 1995 , 4, 397-405	4.3	44
108	A proof-of-concept, Phase 2 clinical trial of the gastrointestinal safety of a hydrogen sulfide-releasing anti-inflammatory drug. <i>British Journal of Pharmacology</i> , 2020 , 177, 769-777	8.6	44
107	Impaired vasodilatory responses in the gastric microcirculation of anesthetized rats with secondary biliary cirrhosis. <i>Gastroenterology</i> , 1995 , 108, 1183-91	13.3	43
106	Markedly reduced intestinal toxicity of a diclofenac derivative. <i>Life Sciences</i> , 1994 , 55, PL1-8	6.8	43
105	ATB-346, a novel hydrogen sulfide-releasing anti-inflammatory drug, induces apoptosis of human melanoma cells and inhibits melanoma development in vivo. <i>Pharmacological Research</i> , 2016 , 114, 67-73 ^{10.2}		42
104	Selective inhibitors of cyclooxygenase-2: are they really effective, selective, and GI-safe?. <i>Journal of Clinical Gastroenterology</i> , 1998 , 27 Suppl 1, S28-34	3	42
103	Gastrointestinal biofilms in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 314-334	24.2	42
102	Thrombin-induced platelet endostatin release is blocked by a proteinase activated receptor-4 (PAR4) antagonist. <i>British Journal of Pharmacology</i> , 2001 , 134, 701-4	8.6	41
101	Cooperation between aspirin-triggered lipoxin and nitric oxide (NO) mediates antiadhesive properties of 2-(Acetyloxy)benzoic acid 3-(nitrooxymethyl)phenyl ester (NCX-4016) (NO-aspirin) on neutrophil-endothelial cell adherence. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 309, 1174-82	4.7	40
100	Proresolution effects of hydrogen sulfide during colitis are mediated through hypoxia-inducible factor-1. <i>FASEB Journal</i> , 2015 , 29, 1591-602	0.9	39
99	Gastritis increases resistance to aspirin-induced mucosal injury via COX-2-mediated lipoxin synthesis. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, G54-61	5.1	39
98	Aspirin, but not NO-releasing aspirin (NCX-4016), interacts with selective COX-2 inhibitors to aggravate gastric damage and inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 286, G76-81	5.1	39
97	Mechanisms of nonsteroidal anti-inflammatory drug-induced gastrointestinal injury and repair: a window of opportunity for cyclooxygenase-inhibiting nitric oxide donors. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2004 , 18, 229-36		38

96	Mechanisms underlying the protective effects of interleukin 1 in experimental nonsteroidal anti-inflammatory drug gastropathy. <i>Gastroenterology</i> , 1992 , 102, 1176-1185	13.3	38
95	NSAID-induced gastrointestinal damage and the design of GI-sparing NSAIDs. <i>Current Opinion in Investigational Drugs</i> , 2008 , 9, 1151-6		38
94	Anti-inflammatory effect of ATB-352, a H ₂ S-releasing ketoprofen derivative, on lipopolysaccharide-induced periodontitis in rats. <i>Pharmacological Research</i> , 2018 , 132, 220-231	10.2	37
93	Enhanced chemopreventive effects of a hydrogen sulfide-releasing anti-inflammatory drug (ATB-346) in experimental colorectal cancer. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 41, 131-7	5	37
92	Nitric oxide, aspirin-triggered lipoxins and NO-aspirin in gastric protection. <i>Inflammation and Allergy: Drug Targets</i> , 2006 , 5, 133-7		37
91	Anti-inflammatory and cytoprotective properties of hydrogen sulfide. <i>Methods in Enzymology</i> , 2015 , 555, 169-93	1.7	36
90	Predisposition to colorectal cancer in rats with resolved colitis: role of cyclooxygenase-2-derived prostaglandin d ₂ . <i>American Journal of Pathology</i> , 2005 , 167, 1293-300	5.8	36
89	Effects of inhibitors of arachidonic acid metabolism on Paf-induced gastric mucosal necrosis and haemoconcentration. <i>British Journal of Pharmacology</i> , 1986 , 89, 415-22	8.6	36
88	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
87	Reduction of the severity of experimental gastric and duodenal ulceration by interleukin-1 beta. <i>European Journal of Pharmacology</i> , 1990 , 186, 279-84	5.3	35
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