

Giuseppe Cirino

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9074282/giuseppe-cirino-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

200
papers

13,828
citations

59
h-index

113
g-index

216
ext. papers

15,660
ext. citations

7.6
avg, IF

6.15
L-index

#	Paper	IF	Citations
200	Dynamic activation of endothelial nitric oxide synthase by Hsp90. <i>Nature</i> , 1998 , 392, 821-4	50.4	871
199	Hydrogen sulfide is an endogenous modulator of leukocyte-mediated inflammation. <i>FASEB Journal</i> , 2006 , 20, 2118-20	0.9	676
198	Nitric oxide as a signaling molecule in the vascular system: an overview. <i>Journal of Cardiovascular Pharmacology</i> , 1999 , 34, 879-86	3.1	618
197	In vivo delivery of the caveolin-1 scaffolding domain inhibits nitric oxide synthesis and reduces inflammation. <i>Nature Medicine</i> , 2000 , 6, 1362-7	50.5	472
196	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
195	The emerging roles of hydrogen sulfide in the gastrointestinal tract and liver. <i>Gastroenterology</i> , 2006 , 131, 259-71	13.3	311
194	Carrageenan-induced mouse paw oedema is biphasic, age-weight dependent and displays differential nitric oxide cyclooxygenase-2 expression. <i>British Journal of Pharmacology</i> , 2004 , 142, 331-8	8.6	281
193	Selectivity of commonly used pharmacological inhibitors for cystathionine β -synthase (CBS) and cystathionine γ -lyase (CSE). <i>British Journal of Pharmacology</i> , 2013 , 169, 922-32	8.6	266
192	Novel nonsteroidal anti-inflammatory drug derivatives with markedly reduced ulcerogenic properties in the rat. <i>Gastroenterology</i> , 1994 , 107, 173-9	13.3	260
191	Hydrogen sulfide is an endogenous inhibitor of phosphodiesterase activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1998-2004	9.4	245
190	Dual inhibitors of cyclooxygenase and 5-lipoxygenase. A new avenue in anti-inflammatory therapy?. <i>Biochemical Pharmacology</i> , 2001 , 62, 1433-8	6	231
189	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
188	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
187	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
186	A nitric oxide-releasing nonsteroidal anti-inflammatory drug accelerates gastric ulcer healing in rats. <i>Gastroenterology</i> , 1995 , 109, 524-30	13.3	210
185	Angiotensin-2 causes inflammation in vivo by promoting vascular leakage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 738-44	4.7	180
184	Endothelium-derived relaxing factor (nitric oxide) has protective actions in the stomach. <i>Life Sciences</i> , 1989 , 45, 1869-76	6.8	173

183	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
182	Hydrogen sulfide as a mediator of human corpus cavernosum smooth-muscle relaxation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4513-8	11.5	153
181	Endothelial nitric oxide synthase: the Cinderella of inflammation?. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 91-5	13.2	150
180	PAR1 antagonism protects against experimental liver fibrosis. Role of proteinase receptors in stellate cell activation. <i>Hepatology</i> , 2004 , 39, 365-75	11.2	136
179	Endothelial nitric oxide synthase activation is critical for vascular leakage during acute inflammation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 904-8	11.5	126
178	A diclofenac derivative without ulcerogenic properties. <i>European Journal of Pharmacology</i> , 1994 , 257, 249-55	5.3	123
177	Linkage between inflammation and coagulation: an update on the molecular basis of the crosstalk. <i>Life Sciences</i> , 1998 , 62, 1817-24	6.8	121
176	Akt1 is critical for acute inflammation and histamine-mediated vascular leakage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14552-7	11.5	119
175	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
174	Halipeptins A and B: two novel potent anti-inflammatory cyclic depsipeptides from the Vanuatu marine sponge Haliclona species. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10870-6	16.4	111
173	Plant metabolites. New compounds and anti-inflammatory activity of <i>Uncaria tomentosa</i> . <i>Journal of Natural Products</i> , 1991 , 54, 453-9	4.9	104
172	Importance of innate immunity and collagen binding integrin alpha1beta1 in TNBS-induced colitis. <i>Immunity</i> , 2002 , 17, 769-80	32.3	101
171	IL-1 beta converting enzyme is a target for nitric oxide-releasing aspirin: new insights in the antiinflammatory mechanism of nitric oxide-releasing nonsteroidal antiinflammatory drugs. <i>Journal of Immunology</i> , 2000 , 165, 5245-54	5.3	100
170	Protease-activated receptor-2 involvement in hypotension in normal and endotoxemic rats in vivo. <i>Circulation</i> , 1999 , 99, 2590-7	16.7	97
169	cGMP-dependent protein kinase contributes to hydrogen sulfide-stimulated vasorelaxation. <i>PLoS ONE</i> , 2012 , 7, e53319	3.7	97
168	Protein kinase B activation by reactive oxygen species is independent of tyrosine kinase receptor phosphorylation and requires SRC activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 20828-34	5.4	92
167	Sphingosine-1-phosphate/sphingosine kinase pathway is involved in mouse airway hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 36, 757-62	5.7	87
166	Inflammation-coagulation network: are serine protease receptors the knot?. <i>Trends in Pharmacological Sciences</i> , 2000 , 21, 170-2	13.2	86

165	Evidence for differential expression of Notch receptors and their ligands in melanocytic nevi and cutaneous malignant melanoma. <i>Modern Pathology</i> , 2006 , 19, 246-54	9.8	84
164	A new modified thrombin binding aptamer containing a 5R inversion of polarity site. <i>Nucleic Acids Research</i> , 2006 , 34, 6653-62	20.1	83
163	Human eosinophil chemotaxis and selective in vivo recruitment by sphingosine 1-phosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11170-5	11.5	83
162	Role of the cystathionine γ -lyase/hydrogen sulfide pathway in human melanoma progression. <i>Pigment Cell and Melanoma Research</i> , 2015 , 28, 61-72	4.5	80
161	Mast cell degranulation induced by two phospholipase A2 homologues: dissociation between enzymatic and biological activities. <i>European Journal of Pharmacology</i> , 1998 , 343, 257-63	5.3	80
160	The development of gastrointestinal-sparing nonsteroidal anti-inflammatory drugs. <i>Trends in Pharmacological Sciences</i> , 1994 , 15, 405-6	13.2	79
159	In vivo antithrombotic effects of a nitric oxide-releasing aspirin derivative, NCX-4016. <i>Thrombosis Research</i> , 1999 , 93, 43-50	8.2	77
158	Multiple controls in inflammation. Extracellular and intracellular phospholipase A2, inducible and constitutive cyclooxygenase, and inducible nitric oxide synthase. <i>Biochemical Pharmacology</i> , 1998 , 55, 105-11	6	76
157	Inhibition of carrageenin-induced rat paw oedema by crotaopotin, a polypeptide complexed with phospholipase A2. <i>British Journal of Pharmacology</i> , 1995 , 114, 578-83	8.6	74
156	The New Era of Cancer Immunotherapy: Targeting Myeloid-Derived Suppressor Cells to Overcome Immune Evasion. <i>Frontiers in Immunology</i> , 2020 , 11, 1680	8.4	72
155	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. <i>Cardiovascular Research</i> , 2014 , 102, 138-47	9.9	71
154	Gaseous mediators in resolution of inflammation. <i>Seminars in Immunology</i> , 2015 , 27, 227-33	10.7	70
153	NO-naproxen modulates inflammation, nociception and downregulates T cell response in rat Freund's adjuvant arthritis. <i>British Journal of Pharmacology</i> , 2000 , 130, 1399-405	8.6	69
152	Expression of protease-activated receptors 1 and 2 in melanocytic nevi and malignant melanoma. <i>Human Pathology</i> , 2005 , 36, 676-85	3.7	65
151	A role for proteinase-activated receptor-1 in inflammatory bowel diseases. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1444-56	15.9	65
150	Hypoglycemic effects of sesquiterpene glycosides and polyhydroxylated triterpenoids of <i>Eriobotrya japonica</i> . <i>Planta Medica</i> , 1991 , 57, 414-6	3.1	64
149	Nitric oxide and inflammation. <i>Inflammation and Allergy: Drug Targets</i> , 2006 , 5, 115-9		61
148	Regulation of soluble guanylyl cyclase redox state by hydrogen sulfide. <i>Pharmacological Research</i> , 2016 , 111, 556-562	10.2	60

147	Pharmacological tools for hydrogen sulphide research: a brief, introductory guide for beginners. <i>British Journal of Pharmacology</i> , 2015 , 172, 1633-7	8.6	59
146	A novel thrombin binding aptamer containing a G-LNA residue. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 5710-8	3.4	59
145	Sildenafil effect on the human bladder involves the L-cysteine/hydrogen sulfide pathway: a novel mechanism of action of phosphodiesterase type 5 inhibitors. <i>European Urology</i> , 2012 , 62, 1174-80	10.2	58
144	Glucocorticoid receptor nitration leads to enhanced anti-inflammatory effects of novel steroid ligands. <i>Journal of Immunology</i> , 2003 , 171, 3245-52	5.3	57
143	Geldanamycin, an inhibitor of heat shock protein 90 (Hsp90) mediated signal transduction has anti-inflammatory effects and interacts with glucocorticoid receptor in vivo. <i>British Journal of Pharmacology</i> , 2000 , 131, 13-6	8.6	57
142	Effect of crotapotin and heparin on the rat paw oedema induced by different secretory phospholipases A2. <i>Toxicon</i> , 2000 , 38, 199-208	2.8	56
141	COX-2 expression positively correlates with PD-L1 expression in human melanoma cells. <i>Journal of Translational Medicine</i> , 2017 , 15, 46	8.5	55
140	Systemic administration of sphingosine-1-phosphate increases bronchial hyperresponsiveness in the mouse. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 572-7	5.7	54
139	Total synthesis and biological evaluation of halipeptins A and D and analogues. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4460-70	16.4	52
138	Diabetic mouse angiopathy is linked to progressive sympathetic receptor deletion coupled to an enhanced caveolin-1 expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 721-6	9.4	51
137	Involvement of beta 3-adrenergic receptor activation via cyclic GMP- but not NO-dependent mechanisms in human corpus cavernosum function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5531-6	11.5	50
136	The novel HS-donor 4-carboxyphenyl isothiocyanate promotes cardioprotective effects against ischemia/reperfusion injury through activation of mitoK channels and reduction of oxidative stress. <i>Pharmacological Research</i> , 2016 , 113, 290-299	10.2	50
135	Thioglycine and L-thiovaline: biologically active HS-donors. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 2675-8	3.4	49
134	Hydrogen sulphide pathway contributes to the enhanced human platelet aggregation in hyperhomocysteinemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15812-7	11.5	49
133	Nitric oxide and hydrogen sulfide: the gasotransmitter paradigm of the vascular system. <i>British Journal of Pharmacology</i> , 2017 , 174, 4021-4031	8.6	47
132	Hydrogen sulfide-induced dual vascular effect involves arachidonic acid cascade in rat mesenteric arterial bed. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 59-64	4.7	46
131	Evidence that 5-lipoxygenase and acetylated cyclooxygenase 2-derived eicosanoids regulate leukocyte-endothelial adherence in response to aspirin. <i>British Journal of Pharmacology</i> , 2003 , 139, 1351-9	8.6	45
130	Pharmacology of erectile dysfunction in man 2006 , 111, 400-23		44

129	Hydrogen sulphide is involved in testosterone vascular effect. <i>European Urology</i> , 2009 , 56, 378-83	10.2	43
128	Evidence for an anti-inflammatory loop centered on polymorphonuclear leukocyte formyl peptide receptor 2/lipoxin A4 receptor and operative in the inflamed microvasculature. <i>Journal of Immunology</i> , 2011 , 186, 4905-14	5.3	43
127	Markedly reduced intestinal toxicity of a diclofenac derivative. <i>Life Sciences</i> , 1994 , 55, PL1-8	6.8	43
126	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
125	Annexin A1 mediates hydrogen sulfide properties in the control of inflammation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 351, 96-104	4.7	42
124	Synthesis, structural studies and biological properties of new TBA analogues containing an acyclic nucleotide. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 8244-53	3.4	42
123	Zofenopril Protects Against Myocardial Ischemia-Reperfusion Injury by Increasing Nitric Oxide and Hydrogen Sulfide Bioavailability. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	41
122	Hydrogen sulfide is involved in dexamethasone-induced hypertension in rat. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 46, 80-6	5	40
121	Protease-activated receptor 1-selective antagonist SCH79797 inhibits cell proliferation and induces apoptosis by a protease-activated receptor 1-independent mechanism. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 101, 63-9	3.1	40
120	Investigating the role of T7 and T12 residues on the biological properties of thrombin-binding aptamer: enhancement of anticoagulant activity by a single nucleobase modification. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10716-28	8.3	39
119	Beneficial effects of ACE-inhibition with zofenopril on plaque formation and low-density lipoprotein oxidation in watanabe heritable hyperlipidemic rabbits. <i>General Pharmacology</i> , 1999 , 33, 467-77		38
118	Sphingosine-1-phosphate modulates vascular permeability and cell recruitment in acute inflammation in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 830-7	4.7	37
117	Inhibition of nitric oxide-stimulated vasorelaxation by carbon monoxide-releasing molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2570-6	9.4	37
116	Hydrogen sulfide and erectile function: a novel therapeutic target. <i>Nature Reviews Urology</i> , 2011 , 8, 286-95	9.5	36
115	Tedanol: a potent anti-inflammatory ent-pimarane diterpene from the Caribbean Sponge <i>Tedania ignis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7542-7	3.4	36
114	Stimulus-dependent specificity for annexin 1 inhibition of the inflammatory nociceptive response: the involvement of the receptor for formylated peptides. <i>Pain</i> , 2004 , 109, 52-63	8	36
113	Pharmacological characterization of polycation-induced rat hind-paw oedema. <i>British Journal of Pharmacology</i> , 1990 , 101, 986-90	8.6	35
112	Essential requirement for sphingosine kinase activity in eNOS-dependent NO release and vasorelaxation. <i>FASEB Journal</i> , 2006 , 20, 340-2	0.9	34

111	17-beta-oestradiol-induced vasorelaxation in vitro is mediated by eNOS through hsp90 and akt/pkb dependent mechanism. <i>British Journal of Pharmacology</i> , 2002 , 135, 1695-700	8.6	34
110	Site specific replacements of a single loop nucleoside with a dibenzyl linker may switch the activity of TBA from anticoagulant to antiproliferative. <i>Nucleic Acids Research</i> , 2015 , 43, 7702-16	20.1	33
109	Anti-very late antigen-1 monoclonal antibody modulates the development of secondary lesion and T-cell response in experimental arthritis. <i>Laboratory Investigation</i> , 2000 , 80, 73-80	5.9	33
108	Urothelium muscarinic activation phosphorylates CBS(Ser227) via cGMP/PKG pathway causing human bladder relaxation through H2S production. <i>Scientific Reports</i> , 2016 , 6, 31491	4.9	32
107	A protective role for proteinase activated receptor 2 in airways of lipopolysaccharide-treated rats. <i>Biochemical Pharmacology</i> , 2005 , 71, 223-30	6	32
106	Bronchoconstrictor effect of thrombin and thrombin receptor activating peptide in guinea-pigs in vivo. <i>British Journal of Pharmacology</i> , 1999 , 126, 478-84	8.6	31
105	Reduction of shock-induced gastric damage by a nitric oxide-releasing aspirin derivative: role of neutrophils. <i>American Journal of Physiology - Renal Physiology</i> , 1997 , 273, G1246-51	5.1	30
104	Gastrointestinal-sparing anti-inflammatory drugs: The development of nitric oxide-releasing NSAIDs 1997 , 42, 144-149		29
103	Inhibition of cyclo-oxygenase-2 exacerbates ischaemia-induced acute myocardial dysfunction in the rabbit. <i>British Journal of Pharmacology</i> , 2002 , 135, 1540-6	8.6	29
102	Proteinase-activated receptor-2 mediates arterial vasodilation in diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2349-54	9.4	29
101	Pharmacological modulation, preclinical studies, and new clinical features of myocardial ischemic preconditioning 2000 , 88, 311-31		29
100	Effect of arginine analogues on rat hind paw oedema and mast cell activation in vitro. <i>European Journal of Pharmacology</i> , 1994 , 257, 87-93	5.3	29
99	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1677-1686	6.8	29
98	Activation of proteinase-activated receptor-1 inhibits neurally evoked chloride secretion in the mouse colon in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 288, G337-45	5.1	28
97	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 75, 53-59	5	27
96	Sphingosine 1-phosphate induces endothelial nitric-oxide synthase activation through phosphorylation in human corpus cavernosum. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 703-8	4.7	27
95	Pharmacological dissection of vascular effects caused by activation of protease-activated receptors 1 and 2 in anesthetized rats. <i>FASEB Journal</i> , 2001 , 15, 1433-5	0.9	27
94	Antihypertensive properties of a nitric oxide-releasing naproxen derivative in two-kidney, one-clip rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H528-35	5.2	27

93	Protease-activated receptor-2 activation improves efficiency of experimental ischemic preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H2004-10	5.2	26
92	Decoding the vasoregulatory activities of bile acid-activated receptors in systemic and portal circulation: role of gaseous mediators. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H21-H32	5.2	25
91	Differential expression of cyclooxygenase-2 in metastatic melanoma affects progression free survival. <i>Oncotarget</i> , 2016 , 7, 57077-57085	3.3	25
90	Thrombin and PAR-1 activating peptide increase iNOS expression in cytokine-stimulated C6 glioma cells. <i>Journal of Neurochemistry</i> , 2001 , 79, 556-63	6	24
89	Proteinase-activated receptors (PARs): crossroads between innate immunity and coagulation. <i>Current Opinion in Pharmacology</i> , 2006 , 6, 428-34	5.1	24
88	Gastric tolerability and prolonged prostaglandin inhibition in the brain with a nitric oxide-releasing flurbiprofen derivative, NCX-2216 [3-[4-(2-fluoro-alpha-methyl-[1,1Rbiphenyl]-4-acetyloxy)-3-methoxyphenyl]-2-propenoic acid	4.7	24
87	Synthesis of substituted benzamides as anti-inflammatory agents that inhibit preferentially cyclooxygenase 1 but do not cause gastric damage. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 517-30	6.8	24
86	A new mouse model of Peyronie's disease: an increased expression of hypoxia-inducible factor-1 target genes during the development of penile changes. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 2638-48	5.6	23
85	Nitric oxide (NO)-releasing naproxen (HCT-3012 [(S)-6-methoxy-alpha-methyl-2-naphthaleneacetic Acid 4-(nitrooxy)butyl ester]) interactions with aspirin in gastric mucosa of arthritic rats reveal a role for aspirin-triggered lipoxin, prostaglandins, and NO in gastric protection. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 311, 1264-71	4.7	23
84	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020 , 176, 113833	6	23
83	D-Penicillamine modulates hydrogen sulfide (H ₂ S) pathway through selective inhibition of cystathionine-lyase. <i>British Journal of Pharmacology</i> , 2016 , 173, 1556-65	8.6	22
82	MicroRNA-143-3p inhibits growth and invasiveness of melanoma cells by targeting cyclooxygenase-2 and inversely correlates with malignant melanoma progression. <i>Biochemical Pharmacology</i> , 2018 , 156, 52-59	6	20
81	Hydrogen sulphide induces mouse paw oedema through activation of phospholipase A2. <i>British Journal of Pharmacology</i> , 2010 , 161, 1835-42	8.6	20
80	PAR-2 modulates pepsinogen secretion from gastric-isolated chief cells. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, G611-20	5.1	20
79	Human Cystathionine-β-Synthase Phosphorylation on Serine227 Modulates Hydrogen Sulfide Production in Human Urothelium. <i>PLoS ONE</i> , 2015 , 10, e0136859	3.7	20
78	Hydrogen sulfide-releasing anti-inflammatory drugs for chemoprevention and treatment of cancer. <i>Pharmacological Research</i> , 2016 , 111, 652-658	10.2	20
77	Vascular effects of linagliptin in non-obese diabetic mice are glucose-independent and involve positive modulation of the endothelial nitric oxide synthase (eNOS)/caveolin-1 (CAV-1) pathway. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18, 1236-1243	6.7	20
76	Nociceptin/orphanin FQ receptor activation decreases the airway hyperresponsiveness induced by allergen in sensitized mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L657-64	5.8	19

75	Enhanced anti-inflammatory potency of a nitric oxide-releasing derivative of flunisolide: role of nuclear factor-kappaB. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 310, 1096-102	4.7	18
74	Pharmacology and perspectives in erectile dysfunction in man. <i>Pharmacology & Therapeutics</i> , 2020 , 208, 107493	13.9	17
73	The Hydrogen Sulfide Releasing Molecule Acetyl Deacylasadisulfide Inhibits Metastatic Melanoma. <i>Frontiers in Pharmacology</i> , 2017 , 8, 65	5.6	17
72	Downstream gene activation of the receptor ALX by the agonist annexin A1. <i>PLoS ONE</i> , 2010 , 5, e12771	3.7	17
71	Protease-activated receptor-2 (PAR2) in cardiovascular system. <i>Vascular Pharmacology</i> , 2005 , 43, 247-53	5.9	16
70	Beneficial effects of NO-releasing derivative of flurbiprofen (HCT-1026) in rat model of vascular injury and restenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 263-7	9.4	16
69	Flurbinitroxybutylester: a novel anti-inflammatory drug has enhanced antithrombotic activity. <i>Thrombosis Research</i> , 1995 , 79, 73-81	8.2	16
68	Cystathionine β -synthase-derived hydrogen sulfide is involved in human malignant hyperthermia. <i>Clinical Science</i> , 2016 , 130, 35-44	6.5	16
67	Hydrogen Sulfide and Urogenital Tract. <i>Handbook of Experimental Pharmacology</i> , 2015 , 230, 111-36	3.2	15
66	Platelet cyclic guanosine monophosphate as a biomarker of phosphodiesterase type 5 inhibitor efficacy in the treatment of erectile dysfunction: a randomized placebo-controlled study. <i>European Urology</i> , 2009 , 56, 1067-73	10.2	15
65	Anti-metastatic Properties of Naproxen-HBTA in a Murine Model of Cutaneous Melanoma. <i>Frontiers in Pharmacology</i> , 2019 , 10, 66	5.6	14
64	The protective role of the 3-mercaptopyruvate sulfurtransferase (3-MST)-hydrogen sulfide (HS) pathway against experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , 2020 , 22, 49	5.7	14
63	Thrombin receptors and their antagonists: an update on the patent literature. <i>Expert Opinion on Therapeutic Patents</i> , 2010 , 20, 875-84	6.8	14
62	A standardized procedure for using human corpus cavernosum strips to evaluate drug activity. <i>Journal of Pharmacological and Toxicological Methods</i> , 2000 , 44, 477-82	1.7	14
61	Modulation of the functions of myeloid-derived suppressor cells : a new strategy of hydrogen sulfide anti-cancer effects. <i>British Journal of Pharmacology</i> , 2020 , 177, 884-897	8.6	14
60	The Role of the Hydrogen Sulfide Pathway in Male and Female Urogenital System in Health and Disease. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 654-668	8.4	13
59	B cell depletion increases sphingosine-1-phosphate-dependent airway inflammation in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 52, 571-83	5.7	13
58	Fragment-based de novo design of a cystathionine β -lyase selective inhibitor blocking hydrogen sulfide production. <i>Scientific Reports</i> , 2016 , 6, 34398	4.9	13

57	Hydrogen Sulfide Reduces Myeloid-Derived Suppressor Cell-Mediated Inflammatory Response in a Model of DSS-Induced Colitis. <i>Frontiers in Immunology</i> , 2018 , 9, 499	8.4	12
56	Synthesis and pharmacological evaluation of peptide-mimetic protease-activated receptor-1 antagonists containing novel heterocyclic scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6009-2014	3.4	12
55	A convenient strategy of dimerization by microwave heating and using 2,5-diketopiperazine as scaffold. <i>Tetrahedron Letters</i> , 2003 , 44, 1145-1148	2	12
54	Endogenous urotensin II selectively modulates erectile function through eNOS. <i>PLoS ONE</i> , 2012 , 7, e31019	3.9	12
53	Nitric oxide-releasing NSAIDs: a novel class of GI-sparing anti-inflammatory drugs. <i>Agents and Actions Supplements</i> , 1995 , 46, 121-9	0.2	12
52	Disodium cromoglycate inhibits asthma-like features induced by sphingosine-1-phosphate. <i>Pharmacological Research</i> , 2016 , 113, 626-635	10.2	11
51	Adrenergic receptor activation relaxes human corpus cavernosum and penile artery through a hydrogen sulfide/cGMP-dependent mechanism. <i>Pharmacological Research</i> , 2017 , 124, 100-104	10.2	11
50	Clarithromycin in adult-onset Still's disease: a study of 6 cases. <i>Rheumatology International</i> , 2010 , 30, 555-60	3.6	11
49	Urotensin II: a novel target in human corpus cavernosum. <i>Journal of Sexual Medicine</i> , 2010 , 7, 1778-86	1.1	11
48	Searching for novel hydrogen sulfide donors: The vascular effects of two thiourea derivatives. <i>Pharmacological Research</i> , 2020 , 159, 105039	10.2	10
47	Basal nitric oxide modulates vascular effects of a peptide activating protease-activated receptor 2. <i>Cardiovascular Research</i> , 2003 , 60, 431-7	9.9	10
46	Indomethacin and thromboxane A2/prostaglandin H2 antagonist SQ29,548 impair in vitro contractions of aortic rings of ex vivo-treated lipopolysaccharide rats. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1996 , 13, 177-87		10
45	Leukotriene-mediated sex dimorphism in murine asthma-like features during allergen sensitization. <i>Pharmacological Research</i> , 2019 , 139, 182-190	10.2	10
44	Toll-Like Receptor 4 Is Essential for the Expression of Sphingosine-1-Phosphate-Dependent Asthma-Like Disease in Mice. <i>Frontiers in Immunology</i> , 2017 , 8, 1336	8.4	9
43	An ex vivo standardized assay to measure human platelet cGMP. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011 , 64, 164-7	1.7	9
42	Exercise capacity and cytochrome oxidase activity in muscle mitochondria of COPD patients. <i>Respiratory Medicine</i> , 2010 , 104, 83-90	4.6	9
41	Anomalous K ₇ channel activity in human malignant hyperthermia syndrome unmasks a key role for H ₂ S and persulfidation in skeletal muscle. <i>British Journal of Pharmacology</i> , 2020 , 177, 810-823	8.6	9
40	l-Cys/CSE/H ₂ S pathway modulates mouse uterus motility and sildenafil effect. <i>Pharmacological Research</i> , 2016 , 111, 283-289	10.2	8

39	CL316,243, a selective β -adrenoceptor agonist, activates protein translation through mTOR/p70S6K signaling pathway in rat skeletal muscle cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 509-16	4.6	8
38	Dexamethasone inhibition of acute opioid physical dependence in vitro is reverted by anti-lipocortin-1 and mimicked by anti-type II extracellular PLA2 antibodies. <i>Life Sciences</i> , 1997 , 61, PL 127-34	6.8	8
37	ACE-inhibition ameliorates vascular reactivity and delays diabetes outcome in NOD mice. <i>Vascular Pharmacology</i> , 2008 , 49, 84-90	5.9	8
36	Antiphospholipid antibodies inhibit prostaglandin release by decidual cells of early pregnancy: possible involvement of extracellular secretory phospholipase A2. <i>Fertility and Sterility</i> , 1999 , 71, 342-6	4.8	8
35	Functional contribution of sphingosine-1-phosphate to airway pathology in cigarette smoke-exposed mice. <i>British Journal of Pharmacology</i> , 2020 , 177, 267-281	8.6	8
34	Physiological roles of hydrogen sulfide in mammalian cells, tissues and organs.. <i>Physiological Reviews</i> , 2022 ,	47.9	8
33	Clarithromycin in rheumatoid arthritis: the addition to methotrexate and low-dose methylprednisolone induces a significant additive value--a 24-month single-blind pilot study. <i>Rheumatology International</i> , 2013 , 33, 2833-8	3.6	7
32	Minimal structural requirements for agonist activity of PAR-2 activating peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 21-4	2.9	7
31	The Inhibition of Caspase-1- Does Not Revert Particulate Matter (PM)-Induced Lung Immunesuppression in Mice. <i>Frontiers in Immunology</i> , 2019 , 10, 1329	8.4	6
30	Skeletal muscle oxidative metabolism in an animal model of pulmonary emphysema: formoterol and skeletal muscle dysfunction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 48, 198-203	5.7	6
29	Thrombin inhibits IFN-gamma production in human peripheral blood mononuclear cells by promoting a Th2 profile. <i>Journal of Interferon and Cytokine Research</i> , 2006 , 26, 793-9	3.5	6
28	The nitric oxide related therapeutic phenomenon: a challenging task. <i>Current Pharmaceutical Design</i> , 2002 , 8, 233-9	3.3	6
27	A new original nutraceutical formulation ameliorates the effect of Tadalafil on clinical score and cGMP accumulation. <i>Archivio Italiano Di Urologia Andrologia</i> , 2021 , 93, 221-226	1.6	6
26	Apolipoprotein A-I (ApoA-I) mimetic peptide P2a by restoring cholesterol esterification unmask ApoA-I anti-inflammatory endogenous activity in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 716-22	4.7	5
25	Perthamide C inhibits eNOS and iNOS expression and has immunomodulating activity in vivo. <i>PLoS ONE</i> , 2013 , 8, e57801	3.7	5
24	5 α Dihydrotestosterone abrogates sex bias in asthma like features in the mouse. <i>Pharmacological Research</i> , 2020 , 158, 104905	10.2	5
23	Development of 1,2,3-Triazole-Based Sphingosine Kinase Inhibitors and Their Evaluation as Antiproliferative Agents. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	4
22	Nitric oxide-releasing non-steroidal anti-inflammatory drugs: a new generation of antithrombotics?. <i>Expert Opinion on Investigational Drugs</i> , 1997 , 6, 533-8	5.9	4

21	Human recombinant platelet phospholipase A2 exacerbates poly-L-arginine induced rat paw edema. <i>Inflammation</i> , 1994 , 18, 59-66	5.1	4
20	Section Review: Pulmonary-Allergy, Dermatological, Gastrointestinal & Arthritis: Development of NSAIDs with reduced gastrointestinal and renal toxicity. <i>Expert Opinion on Investigational Drugs</i> , 1995 , 4, 613-619	5.9	4
19	A role for proteinase-activated receptor-1 in inflammatory bowel diseases. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2056	15.9	4
18	Involvement of 3R5Rcyclic inosine monophosphate in cystathionine β lyase-dependent regulation of the vascular tone. <i>British Journal of Pharmacology</i> , 2021 , 178, 3765-3782	8.6	4
17	Methylation reactions, the redox balance and atherothrombosis: the search for a link with hydrogen sulfide. <i>Seminars in Thrombosis and Hemostasis</i> , 2015 , 41, 423-32	5.3	3
16	Proteinase activated receptor-2 counterbalances the vascular effects of endothelin-1 in fibrotic tight-skin mice. <i>British Journal of Pharmacology</i> , 2017 , 174, 4032-4042	8.6	3
15	Synthesis of 2-methyl-3-indolylacetic derivatives as anti-inflammatory agents that inhibit preferentially cyclooxygenase 1 without gastric damage. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7774-80	8.3	3
14	Involvement of proteinase activated receptor-2 in the vascular response to sphingosine 1-phosphate. <i>Clinical Science</i> , 2014 , 126, 545-56	6.5	2
13	Comments on: Effects of clarithromycin in patients with active rheumatoid arthritis. <i>Current Medical Research and Opinion</i> , 2007 , 23, 2763-4	2.5	2
12	Upregulation of proteinase-activated receptors (PARs) and cardiovascular function. <i>Drug Development Research</i> , 2003 , 60, 20-23	5.1	2
11	A new therapeutic approach to erectile dysfunction: urotensin-II receptor high affinity agonist ligands. <i>Asian Journal of Andrology</i> , 2015 , 17, 81-5	2.8	2
10	Comment on "Evidence that the ProPerDP method is inadequate for protein persulfidation detection due to lack of specificity". <i>Science Advances</i> , 2021 , 7,	14.3	2
9	A ribonuclease protection assay-based approach for analysis of angiogenic gene expression in archival tissues. <i>Diagnostic Molecular Pathology</i> , 2007 , 16, 147-52		1
8	Phosphodiesterases S-sulphydration contributes to human skeletal muscle function.. <i>Pharmacological Research</i> , 2022 , 177, 106108	10.2	1
7	A vitamin E long-chain metabolite and the inspired drug candidate β plexichromanol relieve asthma features in an experimental model of allergen sensitization.. <i>Pharmacological Research</i> , 2022 , 106250	10.2	1
6	Beneficial Effect of H ₂ S-Releasing Molecules in an In Vitro Model of Sarcopenia: Relevance of Glucoraphanin. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5955	6.3	1
5	Fluoroaluminate induces rapid release of endothelin-1 in the isolated perfused arterial and venous vessels of the rat mesentery. <i>General Pharmacology</i> , 1997 , 28, 459-62		
4	Synthesis and biological activity of lipocortin-5 N-terminus: An attempt to define some structural requirements for activity. <i>International Journal of Peptide Research and Therapeutics</i> , 1996 , 3, 275-281		

- 3 Malignant hyperthermia syndrome and hydrogen sulfide signaling: Role of Kv7 channels **2022**, 261-271
- 2 Pharmacological modulation of the inflammatory actions of platelets **2002**, 991-1000
- 1 Proteases, Coagulation, and Inflammation **2011**, 243-251