Giuseppe Cirino

List of Publications by Year in descending order

212 papers	17,378 citations	16411 64 h-index	15683 125 g-index
216 all docs	216 docs citations	216 times ranked	18224 citing authors

#	Article	IF	Citations
1	Experimental design and analysis and their reporting II: updated and simplified guidance for authors and peer reviewers. British Journal of Pharmacology, 2018, 175, 987-993.	2.7	1,122
2	Dynamic activation of endothelial nitric oxide synthase by Hsp90. Nature, 1998, 392, 821-824.	13.7	964
3	Hydrogen sulfide is an endogenous modulator of leukocyteâ€mediated inflammation. FASEB Journal, 2006, 20, 2118-2120.	0.2	765
4	Nitric Oxide as a Signaling Molecule in the Vascular System: An Overview. Journal of Cardiovascular Pharmacology, 1999, 34, 879-886.	0.8	692
5	ARRIVE 2.0 and the British Journal of Pharmacology: Updated guidance for 2020. British Journal of Pharmacology, 2020, 177, 3611-3616.	2.7	580
6	In vivo delivery of the caveolin-1 scaffolding domain inhibits nitric oxide synthesis and reduces inflammation. Nature Medicine, 2000, 6, 1362-1367.	15.2	519
7	Goals and practicalities of immunoblotting and immunohistochemistry: A guide for submission to the British Journal of Pharmacology. British Journal of Pharmacology, 2018, 175, 407-411.	2.7	519
8	Inhibition of Hydrogen Sulfide Generation Contributes to Gastric Injury Caused by Anti-Inflammatory Nonsteroidal Drugs. Gastroenterology, 2005, 129, 1210-1224.	0.6	367
9	The Emerging Roles of Hydrogen Sulfide in the Gastrointestinal Tract and Liver. Gastroenterology, 2006, 131, 259-271.	0.6	343
10	Selectivity of commonly used pharmacological inhibitors for cystathionine Î² synthase (<scp>CBS</scp>) and cystathionine Î³ lyase (<scp>CSE</scp>). British Journal of Pharmacology, 2013, 169, 922-932.	2.7	340
11	Carrageenan-induced mouse paw oedema is biphasic, age-weight dependent and displays differential nitric oxide cyclooxygenase-2 expression. British Journal of Pharmacology, 2004, 142, 331-338.	2.7	336
12	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1998-2004.	1.1	300
13	Novel nonsterodial anti-inflammatory drug derivatives with markedly reduced ulcerogenic properties in the rat. Gastroenterology, 1994, 107, 173-179.	0.6	283
14	Dual inhibitors of cyclooxygenase and 5-lipoxygenase. A new avenue in anti-inflammatory therapy? 1 1Abbreviations: NSAIDs, nonsteroidal anti-inflammatory drugs; COX, cyclooxygenase; LT, leukotriene; 5-LOX, 5-lipoxygenase; PG, prostaglandin; DFU, 5,5-dimethyl-3-(3-fluorophenyl)-4-(4-methylsuphonyl)-phenyl-2(5H)-furanone; and DFP, diisopropyl fluorophosphate.. Biochemical Pharmacology, 2001, 62, 1433-1438.	2.0	264
15	Synthesis and Biological Effects of Hydrogen Sulfide (H₂S): Development of H₂S-Releasing Drugs as Pharmaceuticals. Journal of Medicinal Chemistry, 2010, 53, 6275-6286.	2.9	243
16	Gastrointestinal Safety and Anti-Inflammatory Effects of a Hydrogen Sulfideâ€“Releasing Diclofenac Derivative in the Rat. Gastroenterology, 2007, 132, 261-271.	0.6	239
17	Evidence That Hydrogen Sulfide Exerts Antinociceptive Effects in the Gastrointestinal Tract by Activating KATP Channels. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 325-335.	1.3	238
18	A nitric oxide-releasing nonsteroidal anti-inflammatory drug accelerates gastric ulcer healing in rats. Gastroenterology, 1995, 109, 524-530.	0.6	223

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19	Angiopoietin-2 Causes Inflammation in Vivo by Promoting Vascular Leakage. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 738-744.	1.3	200
20	Endothelium-derived relaxing factor (nitric oxide) has protective actions in the stomach. Life Sciences, 1989, 45, 1869-1876.	2.0	195
21	The New Era of Cancer Immunotherapy: Targeting Myeloid-Derived Suppressor Cells to Overcome Immune Evasion. Frontiers in Immunology, 2020, 11, 1680.	2.2	194
22	Markedly reduced toxicity of a hydrogen sulphideâ€releasing derivative of naproxen (ATBâ€346). British Journal of Pharmacology, 2010, 159, 1236-1246.	2.7	192
23	Hydrogen sulfide as a mediator of human corpus cavernosum smooth-muscle relaxation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4513-4518.	3.3	181
24	A practical guide for transparent reporting of research on natural products in the British Journal of Pharmacology: Reproducibility of natural product research. British Journal of Pharmacology, 2020, 177, 2169-2178.	2.7	177
25	Endothelial nitric oxide synthase: the Cinderella of inflammation?. Trends in Pharmacological Sciences, 2003, 24, 91-95.	4.0	167
26	Planning experiments: Updated guidance on experimental design and analysis and their reporting III. British Journal of Pharmacology, 2022, 179, 3907-3913.	2.7	167
27	PAR1 antagonism protects against experimental liver fibrosis. Role of proteinase receptors in stellate cell activation. Hepatology, 2004, 39, 365-375.	3.6	149
28	Akt1 is critical for acute inflammation and histamine-mediated vascular leakage. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14552-14557.	3.3	147
29	A diclofenac derivative without ulcerogenic properties. European Journal of Pharmacology, 1994, 257, 249-255.	1.7	146
30	Linkage between inflammation and coagulation: An update on the molecular basis of the crosstalk. Life Sciences, 1998, 62, 1817-1824.	2.0	144
31	Endothelial nitric oxide synthase activation is critical for vascular leakage during acute inflammation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 904-908.	3.3	140
32	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. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 447-458.	1.3	130
33	Halipeptins A and B:Â Two Novel Potent Anti-inflammatory Cyclic Depsipeptides from the Vanuatu Marine SpongeHaliclonaspecies. Journal of the American Chemical Society, 2001, 123, 10870-10876.	6.6	129
34	Plant Metabolites. New Compounds and Anti-Inflammatory Activity of Uncaria tomentosa. Journal of Natural Products, 1991, 54, 453-459.	1.5	121
35	cGMP-Dependent Protein Kinase Contributes to Hydrogen Sulfide-Stimulated Vasorelaxation. PLoS ONE, 2012, 7, e53319.	1.1	116
36	Importance of Innate Immunity and Collagen Binding Integrin Î±1Î²1 in TNBS-Induced Colitis. Immunity, 2002, 17, 769-780.	6.6	112

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37	Role of the cystathionine Î³ lyase/hydrogen sulfide pathway in human melanoma progression. Pigment Cell and Melanoma Research, 2015, 28, 61-72.	1.5	110
38	Physiological roles of hydrogen sulfide in mammalian cells, tissues, and organs. Physiological Reviews, 2023, 103, 31-276.	13.1	107
39	Protease-Activated Receptor-2 Involvement in Hypotension in Normal and Endotoxemic Rats In Vivo. Circulation, 1999, 99, 2590-2597.	1.6	104
40	Protein Kinase B Activation by Reactive Oxygen Species Is Independent of Tyrosine Kinase Receptor Phosphorylation and Requires Src Activity. Journal of Biological Chemistry, 2003, 278, 20828-20834.	1.6	103
41	IL-1Î² Converting Enzyme Is a Target for Nitric Oxide-Releasing Aspirin: New Insights in the Antiinflammatory Mechanism of Nitric Oxide-Releasing Nonsteroidal Antiinflammatory Drugs. Journal of Immunology, 2000, 165, 5245-5254.	0.4	101
42	Evidence for differential expression of Notch receptors and their ligands in melanocytic nevi and cutaneous malignant melanoma. Modern Pathology, 2006, 19, 246-254.	2.9	97
43	Human eosinophil chemotaxis and selective in vivo recruitment by sphingosine 1-phosphate. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11170-11175.	3.3	94
44	Sphingosine-1-Phosphate/Sphingosine Kinase Pathway Is Involved in Mouse Airway Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 757-762.	1.4	94
45	Mast cell degranulation induced by two phospholipase A2 homologues: Dissociation between enzymatic and biological activities. European Journal of Pharmacology, 1998, 343, 257-263.	1.7	93
46	A new modified thrombin binding aptamer containing a 5â€²â€“5â€² inversion of polarity site. Nucleic Acids Research, 2006, 34, 6653-6662.	6.5	91
47	Inflammationâ€“coagulation network: are serine protease receptors the knot?. Trends in Pharmacological Sciences, 2000, 21, 170-172.	4.0	90
48	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. Cardiovascular Research, 2014, 102, 138-147.	1.8	88
49	Gaseous mediators in resolution of inflammation. Seminars in Immunology, 2015, 27, 227-233.	2.7	86
50	Inhibition of carrageeninâ€induced rat paw oedema by crotapotin, a polypeptide complexed with phospholipase A₂. British Journal of Pharmacology, 1995, 114, 578-583.	2.7	85
51	In Vivo Antithrombotic Effects of a Nitric Oxide-Releasing Aspirin Derivative, NCX-4016. Thrombosis Research, 1999, 93, 43-50.	0.8	85
52	COX-2 expression positively correlates with PD-L1 expression in human melanoma cells. Journal of Translational Medicine, 2017, 15, 46.	1.8	85
53	The development of gastrointestinal-sparing nonsteroidal anti-inflammatory drugs. Trends in Pharmacological Sciences, 1994, 15, 405-406.	4.0	84
54	Multiple Controls in Inflammation. Biochemical Pharmacology, 1998, 55, 105-111.	2.0	84

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55	A role for proteinase-activated receptorâ€“1 in inflammatory bowel diseases. Journal of Clinical Investigation, 2004, 114, 1444-1456.	3.9	82
56	NO-naproxen modulates inflammation, nociception and downregulates T cell response in rat Freund's adjuvant arthritis. British Journal of Pharmacology, 2000, 130, 1399-1405.	2.7	80
57	Pharmacological tools for hydrogen sulphide research: a brief, introductory guide for beginners. British Journal of Pharmacology, 2015, 172, 1633-1637.	2.7	79
58	Regulation of soluble guanylyl cyclase redox state by hydrogen sulfide. Pharmacological Research, 2016, 111, 556-562.	3.1	79
59	Hypoglycemic Effects of Sesquiterpene Glycosides and Polyhydroxylated Triterpenoids ofEriobotrya japonica. Planta Medica, 1991, 57, 414-416.	0.7	75
60	Nitric Oxide and Inflammation. Inflammation and Allergy: Drug Targets, 2006, 5, 115-119.	1.8	75
61	The novel H 2 S-donor 4-carboxyphenyl isothiocyanate promotes cardioprotective effects against ischemia/reperfusion injury through activation of mitoK ATP channels and reduction of oxidative stress. Pharmacological Research, 2016, 113, 290-299.	3.1	71
62	Sildenafil Effect on the Human Bladder Involves the L-cysteine/Hydrogen Sulfide Pathway: A Novel Mechanism of Action of Phosphodiesterase Type 5 Inhibitors. European Urology, 2012, 62, 1174-1180.	0.9	69
63	Nitric oxide and hydrogen sulfide: the gasotransmitter paradigm of the vascular system. British Journal of Pharmacology, 2017, 174, 4021-4031.	2.7	69
64	Expression of protease-activated receptors 1 and 2 in melanocytic nevi and malignant melanoma. Human Pathology, 2005, 36, 676-685.	1.1	67
65	Effect of crotapotin and heparin on the rat paw oedema induced by different secretory phospholipases A2. Toxicon, 2000, 38, 199-208.	0.8	66
66	Systemic Administration of Sphingosine-1-Phosphate Increases Bronchial Hyperresponsiveness in the Mouse. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 572-577.	1.4	66
67	A novel thrombin binding aptamer containing a G-LNA residue. Bioorganic and Medicinal Chemistry, 2007, 15, 5710-5718.	1.4	65
68	ATB-346, a novel hydrogen sulfide-releasing anti-inflammatory drug, induces apoptosis of human melanoma cells and inhibits melanoma development in vivo. Pharmacological Research, 2016, 114, 67-73.	3.1	65
69	Geldanamycin, an inhibitor of heat shock protein 90 (Hsp90) mediated signal transduction has anti-inflammatory effects and interacts with glucocorticoid receptor in vivo. British Journal of Pharmacology, 2000, 131, 13-16.	2.7	64
70	Glucocorticoid Receptor Nitration Leads to Enhanced Anti-Inflammatory Effects of Novel Steroid Ligands. Journal of Immunology, 2003, 171, 3245-3252.	0.4	63
71	Zofenopril Protects Against Myocardial Ischemiaâ€“Reperfusion Injury by Increasing Nitric Oxide and Hydrogen Sulfide Bioavailability. Journal of the American Heart Association, 2016, 5, .	1.6	63
72	Hydrogen Sulfide-Induced Dual Vascular Effect Involves Arachidonic Acid Cascade in Rat Mesenteric Arterial Bed. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 59-64.	1.3	61

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73	Thioglycine and l-thiovaline: Biologically active H2S-donors. Bioorganic and Medicinal Chemistry, 2012, 20, 2675-2678.	1.4	61
74	Involvement of Â3-adrenergic receptor activation via cyclic GMP- but not NO-dependent mechanisms in human corpus cavernosum function. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5531-5536.	3.3	59
75	Total Synthesis and Biological Evaluation of Halipeptins A and D and Analogues. Journal of the American Chemical Society, 2006, 128, 4460-4470.	6.6	59
76	Evidence for an Anti-Inflammatory Loop Centered on Polymorphonuclear Leukocyte Formyl Peptide Receptor 2/Lipoxin A4 Receptor and Operative in the Inflamed Microvasculature. Journal of Immunology, 2011, 186, 4905-4914.	0.4	56
77	Sex: A change in our guidelines to authors to ensure that this is no longer an ignored experimental variable. British Journal of Pharmacology, 2019, 176, 4081-4086.	2.7	56
78	Markedly reduced intestinal toxicity of a diclofenac derivative. Life Sciences, 1994, 55, PL1-PL8.	2.0	55
79	Diabetic Mouse Angiopathy Is Linked to Progressive Sympathetic Receptor Deletion Coupled to an Enhanced Caveolin-1 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 721-726.	1.1	55
80	Pharmacology and perspectives in erectile dysfunction in man. , 2020, 208, 107493.		55
81	Annexin A1 Mediates Hydrogen Sulfide Properties in the Control of Inflammation. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 96-104.	1.3	53
82	Pharmacology of erectile dysfunction in man. , 2006, 111, 400-423.		52
83	Hydrogen sulphide pathway contributes to the enhanced human platelet aggregation in hyperhomocysteinemia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15812-15817.	3.3	52
84	Evidence that 5-lipoxygenase and acetylated cyclooxygenase 2-derived eicosanoids regulate leukocyte-endothelial adherence in response to aspirin. British Journal of Pharmacology, 2003, 139, 1351-1359.	2.7	50
85	Hydrogen sulfide is involved in dexamethasone-induced hypertension in rat. Nitric Oxide - Biology and Chemistry, 2015, 46, 80-86.	1.2	48
86	Hydrogen Sulphide Is Involved in Testosterone Vascular Effect. European Urology, 2009, 56, 378-384.	0.9	45
87	Tedanol: A potent anti-inflammatory ent-pimarane diterpene from the Caribbean Sponge Tedania ignis. Bioorganic and Medicinal Chemistry, 2009, 17, 7542-7547.	1.4	45
88	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. Biochemical Pharmacology, 2020, 176, 113833.	2.0	45
89	Reduction of shock-induced gastric damage by a nitric oxide-releasing aspirin derivative: role of neutrophils. American Journal of Physiology - Renal Physiology, 1997, 273, G1246-G1251.	1.6	44
90	Protease-Activated Receptor 1-Selective Antagonist SCH79797 Inhibits Cell Proliferation and Induces Apoptosis by a Protease-Activated Receptor 1-Independent Mechanism. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 63-69.	1.2	44

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91	Synthesis, structural studies and biological properties of new TBA analogues containing an acyclic nucleotide. Bioorganic and Medicinal Chemistry, 2008, 16, 8244-8253.	1.4	44
92	17-Î²-oestradiol-induced vasorelaxation in vitro is mediated by eNOS through hsp90 and akt/pkb dependent mechanism. British Journal of Pharmacology, 2002, 135, 1695-1700.	2.7	43
93	Inhibition of Nitric Oxideâ€“Stimulated Vasorelaxation by Carbon Monoxide-Releasing Molecules. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2570-2576.	1.1	43
94	Beneficial effects of ACE-inhibition with zofenopril on plaque formation and low-density lipoprotein oxidation in watanabe heritable hyperlipidemic rabbits. General Pharmacology, 1999, 33, 467-477.	0.7	42
95	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. Journal of Medicinal Chemistry, 2012, 55, 10716-10728.	2.9	42
96	Site specific replacements of a single loop nucleoside with a dibenzyl linker may switch the activity of TBA from anticoagulant to antiproliferative. Nucleic Acids Research, 2015, 43, 7702-7716.	6.5	42
97	Updating the guidelines for data transparency in the British Journal of Pharmacology â€“ data sharing and the use of scatter plots instead of bar charts. British Journal of Pharmacology, 2017, 174, 2801-2804.	2.7	41
98	Pharmacological characterization of polycationâ€induced rat hindâ€paw oedema. British Journal of Pharmacology, 1990, 101, 986-990.	2.7	40
99	Hydrogen sulfide and erectile function: a novel therapeutic target. Nature Reviews Urology, 2011, 8, 286-289.	1.9	40
100	Sphingosine-1-Phosphate Modulates Vascular Permeability and Cell Recruitment in Acute Inflammation In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 830-837.	1.3	40
101	Stimulus-dependent specificity for annexin 1 inhibition of the inflammatory nociceptive response: the involvement of the receptor for formylated peptides. Pain, 2004, 109, 52-63.	2.0	38
102	Decoding the vasoregulatory activities of bile acid-activated receptors in systemic and portal circulation: role of gaseous mediators. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H21-H32.	1.5	38
103	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. European Journal of Medicinal Chemistry, 2018, 143, 1677-1686.	2.6	38
104	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. Nitric Oxide - Biology and Chemistry, 2018, 75, 53-59.	1.2	37
105	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2349-2354.	1.1	36
106	Essential requirement for sphingosine kinase activity in eNOSâ€dependent NO release and vasorelaxation. FASEB Journal, 2006, 20, 340-342.	0.2	36
107	Urothelium muscarinic activation phosphorylates CBSSer227 via cGMP/PKG pathway causing human bladder relaxation through H2S production. Scientific Reports, 2016, 6, 31491.	1.6	36
108	Antihypertensive properties of a nitric oxide-releasing naproxen derivative in two-kidney, one-clip rats. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H528-H535.	1.5	35

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109	Effect of arginine analogues on rat hind paw oedema and mast cell activation in vitro. European Journal of Pharmacology, 1994, 257, 87-93.	1.7	34
110	Differential expression of cyclooxygenase-2 in metastatic melanoma affects progression free survival. Oncotarget, 2016, 7, 57077-57085.	0.8	34
111	Anti-Very Late Antigen-1 Monoclonal Antibody Modulates the Development of Secondary Lesion and T-Cell Response in Experimental Arthritis. Laboratory Investigation, 2000, 80, 73-80.	1.7	33
112	Inhibition of cyclo-oxygenase-2 exacerbates ischaemia-induced acute myocardial dysfunction in the rabbit. British Journal of Pharmacology, 2002, 135, 1540-1546.	2.7	33
113	Pharmacological modulation, preclinical studies, and new clinical features of myocardial ischemic preconditioning. , 2000, 88, 311-331.		32
114	Gastric Tolerability and Prolonged Prostaglandin Inhibition in the Brain with a Nitric Oxide-Releasing Flurbiprofen Derivative, NCX-2216 [3-[4-(2-Fluoro-Î±-methyl-[1,1â€²-biphenyl]-4-acetyloxy)-3-methoxyphenyl]-2-propenoic acid 4-nitrooxy butyl ester]. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 626-633.	1.3	32
115	A protective role for proteinase activated receptor 2 in airways of lipopolysaccharide-treated rats. Biochemical Pharmacology, 2005, 71, 223-230.	2.0	32
116	Activation of proteinase-activated receptor-1 inhibits neurally evoked chloride secretion in the mouse colon in vitro. American Journal of Physiology - Renal Physiology, 2005, 288, G337-G345.	1.6	32
117	<scp>d</scp>â€Penicillamine modulates hydrogen sulfide (<scp>H₂S</scp>) pathway through selective inhibition of cystathionineâ€Îˆâ€lyase. British Journal of Pharmacology, 2016, 173, 1556-1565.	2.7	32
118	Gastrointestinal-sparing anti-inflammatory drugs: The development of nitric oxide-releasing NSAIDs. , 1997, 42, 144-149.		31
119	Bronchoconstrictor effect of thrombin and thrombin receptor activating peptide in guinea-pigs in vivo. British Journal of Pharmacology, 1999, 126, 478-484.	2.7	31
120	Sphingosine 1-Phosphate Induces Endothelial Nitric-Oxide Synthase Activation through Phosphorylation in Human Corpus Cavernosum. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 703-708.	1.3	31
121	Synthesis of substituted benzamides as anti-inflammatory agents that inhibit preferentially cyclooxygenase 1 but do not cause gastric damage. European Journal of Medicinal Chemistry, 2001, 36, 517-530.	2.6	30
122	A new mouse model of Peyronie's disease: An increased expression of hypoxia-inducible factor-1 target genes during the development of penile changes. International Journal of Biochemistry and Cell Biology, 2008, 40, 2638-2648.	1.2	30
123	Pharmacological dissection of vascular effects caused by activation of proteaseâ€activated receptor 1 and 2 in anesthetized rats. FASEB Journal, 2001, 15, 1433-1435.	0.2	29
124	Vascular effects of linagliptin in nonâ€obese diabetic mice are glucoseâ€independent and involve positive modulation of the endothelial nitric oxide synthase (<scp>eNOS</scp>)/caveolinâ€1 (<scp>CAV</scp>â€1) pathway. Diabetes, Obesity and Metabolism, 2016, 18, 1236-1243.	2.2	29
125	Proteinase-activated receptors (PARs): crossroads between innate immunity and coagulation. Current Opinion in Pharmacology, 2006, 6, 428-434.	1.7	28
126	Hydrogen Sulfide Reduces Myeloid-Derived Suppressor Cell-Mediated Inflammatory Response in a Model of Helicobacter hepaticus-Induced Colitis. Frontiers in Immunology, 2018, 9, 499.	2.2	27

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127	The protective role of the 3-mercaptopyruvate sulfurtransferase (3-MST)-hydrogen sulfide (H2S) pathway against experimental osteoarthritis. Arthritis Research and Therapy, 2020, 22, 49.	1.6	27
128	Protease-activated receptor-2 activation improves efficiency of experimental ischemic preconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H2004-H2010.	1.5	26
129	Nitric Oxide (NO)-Releasing Naproxen (HCT-3012 [(S)-6-Methoxy-Î±-methyl-2-naphthaleneacetic Acid) Tj ETQq1 1 0.784314 rgBT /Overlo for Aspirin-Triggered Lipoxin, Prostaglandins, and NO in Gastric Protection. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 1264-1271.	1.3	26
130	Thrombin and PAR-1 acitvating peptide increase iNOS expression in cytokine-stimulated C6 glioma cells. Journal of Neurochemistry, 2008, 79, 556-563.	2.1	26
131	Hydrogen sulphide induces mouse paw oedema through activation of phospholipase A₂. British Journal of Pharmacology, 2010, 161, 1835-1842.	2.7	25
132	Hydrogen sulfide-releasing anti-inflammatory drugs for chemoprevention and treatment of cancer. Pharmacological Research, 2016, 111, 652-658.	3.1	25
133	B Cell Depletion Increases Sphingosine-1-Phosphateâ€“Dependent Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 571-583.	1.4	24
134	MicroRNA-143-3p inhibits growth and invasiveness of melanoma cells by targeting cyclooxygenase-2 and inversely correlates with malignant melanoma progression. Biochemical Pharmacology, 2018, 156, 52-59.	2.0	24
135	Nociceptin/orphanin FQ receptor activation decreases the airway hyperresponsiveness induced by allergen in sensitized mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L657-L664.	1.3	22
136	The Hydrogen Sulfide Releasing Molecule Acetyl Deacylasadisulfide Inhibits Metastatic Melanoma. Frontiers in Pharmacology, 2017, 8, 65.	1.6	22
137	Anti-metastatic Properties of Naproxen-HBTA in a Murine Model of Cutaneous Melanoma. Frontiers in Pharmacology, 2019, 10, 66.	1.6	22
138	Modulation of the functions of myeloidâ€derived suppressor cells : a new strategy of hydrogen sulfide antiâ€cancer effects. British Journal of Pharmacology, 2020, 177, 884-897.	2.7	22
139	Searching for novel hydrogen sulfide donors: The vascular effects of two thiourea derivatives. Pharmacological Research, 2020, 159, 105039.	3.1	22
140	A new original nutraceutical formulation ameliorates the effect of Tadalafil on clinical score and cGMP accumulation. Archivio Italiano Di Urologia Andrologia, 2021, 93, 221-226.	0.4	22
141	Human Cystathionine-Î²-Synthase Phosphorylation on Serine227 Modulates Hydrogen Sulfide Production in Human Urothelium. PLoS ONE, 2015, 10, e0136859.	1.1	22
142	PAR-2 modulates pepsinogen secretion from gastric-isolated chief cells. American Journal of Physiology - Renal Physiology, 2003, 285, G611-G620.	1.6	21
143	Fragment-based de novo design of a cystathionine Î³-lyase selective inhibitor blocking hydrogen sulfide production. Scientific Reports, 2016, 6, 34398.	1.6	20
144	Disodium cromoglycate inhibits asthma-like features induced by sphingosine-1-phosphate. Pharmacological Research, 2016, 113, 626-635.	3.1	20

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145	Leukotriene-mediated sex dimorphism in murine asthma-like features during allergen sensitization. Pharmacological Research, 2019, 139, 182-190.	3.1	20
146	Protease-activated receptor-2 (PAR2) in cardiovascular system. Vascular Pharmacology, 2005, 43, 247-253.	1.0	19
147	Cystathionine Î²-synthase-derived hydrogen sulfide is involved in human malignant hyperthermia. Clinical Science, 2016, 130, 35-44.	1.8	19
148	The Role of the Hydrogen Sulfide Pathway in Male and Female Urogenital System in Health and Disease. Antioxidants and Redox Signaling, 2017, 27, 654-668.	2.5	19
149	Nitric Oxide-Releasing Nsaids: a Novel Class of Gi-Sparing Anti-Inflammatory Drugs. , 1995, 46, 121-129.		19
150	A vitamin E long-chain metabolite and the inspired drug candidate Î±-amplexichromanol relieve asthma features in an experimental model of allergen sensitization. Pharmacological Research, 2022, 181, 106250.	3.1	19
151	A standardized procedure for using human corpus cavernosum strips to evaluate drug activity. Journal of Pharmacological and Toxicological Methods, 2000, 44, 477-482.	0.3	18
152	Enhanced Anti-Inflammatory Potency of a Nitric Oxide-Releasing Derivative of Flunisolide: Role of Nuclear Factor-ÎºB. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 1096-1102.	1.3	18
153	Platelet Cyclic Guanosine Monophosphate as a Biomarker of Phosphodiesterase Type 5 Inhibitor Efficacy in the Treatment of Erectile Dysfunction: A Randomized Placebo-Controlled Study. European Urology, 2009, 56, 1067-1073.	0.9	18
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