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List of Publications by Year in descending order

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77
papers

4,907
citations

76196
40
h-index

91712
69
g-index

77
all docs

77
docs citations

77
times ranked

6142
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo delivery of the caveolin-1 scaffolding domain inhibits nitric oxide synthesis and reduces inflammation. <i>Nature Medicine</i> , 2000, 6, 1362-1367.	15.2	519
2	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, 331-338.	2.7	336
3	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1998-2004.	1.1	300
4	Dual inhibitors of cyclooxygenase and 5-lipoxygenase. A new avenue in anti-inflammatory therapy? 1 Abbreviations: NSAIDs, nonsteroidal anti-inflammatory drugs; COX, cyclooxygenase; LT, leukotriene; 5-LOX, 5-lipoxygenase; PG, prostaglandin; DFU, 5,5-dimethyl-3-(3-fluorophenyl)-4-(4-methylsulphonyl)-phenyl-2(5H)-furanone; and DFP, diisopropyl fluorophosphate.. <i>Biochemical Pharmacology</i> , 2001, 62, 1433-1438.	2.0	264
5	Angiotensin-2 Causes Inflammation in Vivo by Promoting Vascular Leakage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 738-744.	1.3	200
6	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, 904-908.	3.3	140
7	Halipeptins A and B: Two Novel Potent Anti-inflammatory Cyclic Depsipeptides from the Vanuatu Marine Sponge <i>Haliconas</i> species. <i>Journal of the American Chemical Society</i> , 2001, 123, 10870-10876.	6.6	129
8	cGMP-Dependent Protein Kinase Contributes to Hydrogen Sulfide-Stimulated Vasorelaxation. <i>PLoS ONE</i> , 2012, 7, e53319.	1.1	116
9	Role of the cystathionine γ -lyase/hydrogen sulfide pathway in human melanoma progression. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 61-72.	1.5	110
10	Protease-Activated Receptor-2 Involvement in Hypotension in Normal and Endotoxemic Rats In Vivo. <i>Circulation</i> , 1999, 99, 2590-2597.	1.6	104
11	Nogo-B regulates endothelial sphingolipid homeostasis to control vascular function and blood pressure. <i>Nature Medicine</i> , 2015, 21, 1028-1037.	15.2	96
12	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, 11170-11175.	3.3	94
13	Sphingosine-1-Phosphate/Sphingosine Kinase Pathway Is Involved in Mouse Airway Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 757-762.	1.4	94
14	A new modified thrombin binding aptamer containing a 5'â€“5' inversion of polarity site. <i>Nucleic Acids Research</i> , 2006, 34, 6653-6662.	6.5	91
15	Inflammationâ€“coagulation network: are serine protease receptors the knot?. <i>Trends in Pharmacological Sciences</i> , 2000, 21, 170-172.	4.0	90
16	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. <i>Cardiovascular Research</i> , 2014, 102, 138-147.	1.8	88
17	NO-naproxen modulates inflammation, nociception and downregulates T cell response in rat Freund's adjuvant arthritis. <i>British Journal of Pharmacology</i> , 2000, 130, 1399-1405.	2.7	80
18	Regulation of soluble guanylyl cyclase redox state by hydrogen sulfide. <i>Pharmacological Research</i> , 2016, 111, 556-562.	3.1	79

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19	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. <i>Pharmacological Research</i> , 2016, 113, 290-299.	3.1	71
20	Solomonamides A and B, New Anti-inflammatory Peptides from <i>Theonella swinhoei</i> . <i>Organic Letters</i> , 2011, 13, 1532-1535.	2.4	69
21	Nitric oxide and hydrogen sulfide: the gasotransmitter paradigm of the vascular system. <i>British Journal of Pharmacology</i> , 2017, 174, 4021-4031.	2.7	69
22	Systemic Administration of Sphingosine-1-Phosphate Increases Bronchial Hyperresponsiveness in the Mouse. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 42, 572-577.	1.4	66
23	A novel thrombin binding aptamer containing a G-LNA residue. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5710-5718.	1.4	65
24	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, 13-16.	2.7	64
25	Thioglycine and l-thiovaline: Biologically active H ₂ S-donors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2675-2678.	1.4	61
26	Temporal Events Underlying Arterial Remodeling After Chronic Flow Reduction in Mice. <i>Circulation Research</i> , 2000, 86, 1160-1166.	2.0	60
27	Total Synthesis and Biological Evaluation of Halipeptins A and D and Analogues. <i>Journal of the American Chemical Society</i> , 2006, 128, 4460-4470.	6.6	59
28	Perthamides C and D, two new potent anti-inflammatory cyclopeptides from a Solomon Lithistid sponge <i>Theonella swinhoei</i> . <i>Tetrahedron</i> , 2009, 65, 10424-10429.	1.0	56
29	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, 721-726.	1.1	55
30	Erucin exhibits vasorelaxing effects and antihypertensive activity by H ₂ S-releasing properties. <i>British Journal of Pharmacology</i> , 2020, 177, 824-835.	2.7	50
31	Hydrogen sulfide is involved in dexamethasone-induced hypertension in rat. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 80-86.	1.2	48
32	Hydrogen Sulphide Is Involved in Testosterone Vascular Effect. <i>European Urology</i> , 2009, 56, 378-384.	0.9	45
33	Cystathionine β -lyase, a H ₂ S-generating enzyme, is a GPBAR1-regulated gene and contributes to vasodilation caused by secondary bile acids. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H114-H126.	1.5	45
34	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020, 176, 113833.	2.0	45
35	17 β -oestradiol-induced vasorelaxation in vitro is mediated by eNOS through hsp90 and akt/pkb dependent mechanism. <i>British Journal of Pharmacology</i> , 2002, 135, 1695-1700.	2.7	43
36	Inhibition of Nitric Oxide-stimulated Vasorelaxation by Carbon Monoxide-Releasing Molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2570-2576.	1.1	43

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37	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, 467-477.	0.7	42
38	Investigating the Role of T ₇ and T ₁₂ 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, 10716-10728.	2.9	42
39	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, 7702-7716.	6.5	42
40	Sphingosine-1-Phosphate Modulates Vascular Permeability and Cell Recruitment in Acute Inflammation In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 830-837.	1.3	40
41	Agonism for the bile acid receptor GPBAR1 reverses liver and vascular damage in a mouse model of steatohepatitis. <i>FASEB Journal</i> , 2019, 33, 2809-2822.	0.2	40
42	Site-specific replacement of the thymine methyl group by fluorine in thrombin binding aptamer significantly improves structural stability and anticoagulant activity. <i>Nucleic Acids Research</i> , 2015, 43, 10602-10611.	6.5	38
43	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.	1.5	38
44	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1677-1686.	2.6	38
45	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2349-2354.	1.1	36
46	Essential requirement for sphingosine kinase activity in eNOS-dependent NO release and vasorelaxation. <i>FASEB Journal</i> , 2006, 20, 340-342.	0.2	36
47	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.	1.7	33
48	d-Penicillamine modulates hydrogen sulfide (H ₂ S) pathway through selective inhibition of cystathionine-β ₃ -lyase. <i>British Journal of Pharmacology</i> , 2016, 173, 1556-1565.	2.7	32
49	Bronchoconstrictor effect of thrombin and thrombin receptor activating peptide in guinea-pigs in vivo. <i>British Journal of Pharmacology</i> , 1999, 126, 478-484.	2.7	31
50	5-Hydroxymethyl-2-Deoxyuridine Residues in the Thrombin Binding Aptamer: Investigating Anticoagulant Activity by Making a Tiny Chemical Modification. <i>ChemBioChem</i> , 2014, 15, 2427-2434.	1.3	30
51	Interleukin-17A (IL-17A): A silent amplifier of COVID-19. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111980.	2.5	30
52	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.	2.2	29
53	Crucial role of androgen receptor in vascular H ₂ S biosynthesis induced by testosterone. <i>British Journal of Pharmacology</i> , 2015, 172, 1505-1515.	2.7	28
54	Backbone modified TBA analogues endowed with antiproliferative activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1213-1221.	1.1	27

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55	Thrombin binding aptamer analogues containing inversion of polarity sites endowed with antiproliferative and anti-motility properties against Calu-6 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2645-2650.	1.1	26
56	Hydrogen sulphide induces mouse paw oedema through activation of phospholipase A ₂ . <i>British Journal of Pharmacology</i> , 2010, 161, 1835-1842.	2.7	25
57	Searching for novel hydrogen sulfide donors: The vascular effects of two thiourea derivatives. <i>Pharmacological Research</i> , 2020, 159, 105039.	3.1	22
58	Anti-inflammatory cyclopeptides from the marine sponge <i>Theonella swinhoei</i> . <i>Tetrahedron</i> , 2012, 68, 2851-2857.	1.0	21
59	Fragment-based de novo design of a cystathionine β -lyase selective inhibitor blocking hydrogen sulfide production. <i>Scientific Reports</i> , 2016, 6, 34398.	1.6	20
60	Protease-activated receptor-2 (PAR2) in cardiovascular system. <i>Vascular Pharmacology</i> , 2005, 43, 247-253.	1.0	19
61	Cystathionine β -synthase-derived hydrogen sulfide is involved in human malignant hyperthermia. <i>Clinical Science</i> , 2016, 130, 35-44.	1.8	19
62	Structural properties and anticoagulant/cytotoxic activities of heterochiral enantiomeric thrombin binding aptamer (TBA) derivatives. <i>Nucleic Acids Research</i> , 2020, 48, 12556-12565.	6.5	19
63	The "Janus face" of the thrombin binding aptamer: Investigating the anticoagulant and antiproliferative properties through straightforward chemical modifications. <i>Bioorganic Chemistry</i> , 2018, 76, 202-209.	2.0	17
64	Hydrogen Sulphide in Heart and Systemic Circulation. <i>Inflammation and Allergy: Drug Targets</i> , 2011, 10, 103-108.	1.8	17
65	Anomalous K_v7 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.	2.7	16
66	Duchenne's muscular dystrophy involves a defective transsulfuration pathway activity. <i>Redox Biology</i> , 2021, 45, 102040.	3.9	15
67	Clarithromycin in adult-onset Still's disease: a study of 6 cases. <i>Rheumatology International</i> , 2010, 30, 555-560.	1.5	14
68	ACE-inhibition ameliorates vascular reactivity and delays diabetes outcome in NOD mice. <i>Vascular Pharmacology</i> , 2008, 49, 84-90.	1.0	13
69	Involvement of 3',5'-cyclic inosine monophosphate in cystathionine β -lyase-dependent regulation of the vascular tone. <i>British Journal of Pharmacology</i> , 2021, 178, 3765-3782.	2.7	12
70	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, 2833-2838.	1.5	11
71	Hydrogen sulfide pathway and skeletal muscle: an introductory review. <i>British Journal of Pharmacology</i> , 2018, 175, 3090-3099.	2.7	10
72	Thrombin Inhibits IFN- β Production in Human Peripheral Blood Mononuclear Cells by Promoting a Th2 Profile. <i>Journal of Interferon and Cytokine Research</i> , 2006, 26, 793-799.	0.5	9

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73	Phosphodiesterases S-sulfhydration contributes to human skeletal muscle function.. Pharmacological Research, 2022, 177, 106108.	3.1	8
74	Anti-inflammatory and immunomodulatory activity of <i>Mangifera indica</i> L. reveals the modulation of COX-2/mPGES-1 axis and Th17/Treg ratio. Pharmacological Research, 2022, 182, 106283.	3.1	7
75	Perthamide C Inhibits eNOS and iNOS Expression and Has Immunomodulating Activity In Vivo. PLoS ONE, 2013, 8, e57801.	1.1	6
76	Apolipoprotein A-I (ApoA-I) Mimetic Peptide P2a by Restoring Cholesterol Esterification Unmasks ApoA-I Anti-Inflammatory Endogenous Activity In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 716-722.	1.3	5
77	Malignant hyperthermia syndrome and hydrogen sulfide signaling: Role of Kv7 channels. , 2022, , 261-271.		0