

Yi Zhun Zhu

List of Publications by Year in descending order

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297
papers

12,222
citations

20817

60
h-index

42399

92
g-index

320
all docs

320
docs citations

320
times ranked

12701
citing authors

#	ARTICLE	IF	CITATIONS
1	A Therapeutic Journey of Potential Drugs Against COVID-19. Mini-Reviews in Medicinal Chemistry, 2022, 22, 1876-1894.	2.4	1
2	Hirsutine ameliorates hepatic and cardiac insulin resistance in high-fat diet-induced diabetic mice and in vitro models. Pharmacological Research, 2022, 177, 105917.	7.1	14
3	The regulatory role of MiR-203 in oxidative stress induced cell injury through the CBS/H2S pathway. Nitric Oxide - Biology and Chemistry, 2022, 118, 31-38.	2.7	5
4	YB-1 Recruits Drosha to Promote Splicing of <i>pri-miR-192</i> to Mediate the Proangiogenic Effects of H ₂ S. Antioxidants and Redox Signaling, 2022, 36, 760-783.	5.4	12
5	Sp1 S-Sulphydration Induced by Hydrogen Sulfide Inhibits Inflammation via HDAC6/MyD88/NF- κ B Signaling Pathway in Adjuvant-Induced Arthritis. Antioxidants, 2022, 11, 732.	5.1	9
6	Association of DNA methylation and transcriptome reveals epigenetic etiology of heart failure. Functional and Integrative Genomics, 2022, 22, 89-112.	3.5	7
7	Update of Indoles: Promising molecules for ameliorating metabolic diseases. Biomedicine and Pharmacotherapy, 2022, 150, 112957.	5.6	11
8	Leonurine Protects Bone Mesenchymal Stem Cells from Oxidative Stress by Activating Mitophagy through PI3K/Akt/mTOR Pathway. Cells, 2022, 11, 1724.	4.1	14
9	<i>S</i> -Propargyl-cysteine prevents concanavalin A-induced immunological liver injury in mice. Pharmaceutical Biology, 2022, 60, 1169-1176.	2.9	5
10	Hyaluronic Acid-Functionalized Mesoporous Silica Nanoparticles Loading Simvastatin for Targeted Therapy of Atherosclerosis. Pharmaceutics, 2022, 14, 1265.	4.5	19
11	HDAC4 Inhibitors as Antivascular Senescence Therapeutics. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	4.0	1
12	STAT3-NAV2 axis as a new therapeutic target for rheumatoid arthritis via activating SSH1L/Cofilin-1 signaling pathway. Signal Transduction and Targeted Therapy, 2022, 7, .	17.1	8
13	Stress and Inflammation. , 2021, , 277-291.		0
14	A novel dendritic mesoporous silica based sustained hydrogen sulfide donor for the alleviation of adjuvant-induced inflammation in rats. Drug Delivery, 2021, 28, 1031-1042.	5.7	10
15	Short-Term Oral Administration of Mesoporous Silica Nanoparticles Potentially Induced Colon Inflammation in Rats Through Alteration of Gut Microbiota. International Journal of Nanomedicine, 2021, Volume 16, 881-893.	6.7	13
16	UGT1A1 rs4148323 A Allele is Associated With Increased 2-Hydroxy Atorvastatin Formation and Higher Death Risk in Chinese Patients With Coronary Artery Disease. Frontiers in Pharmacology, 2021, 12, 586973.	3.5	4
17	NAV2 positively modulates inflammatory response of fibroblast-like synoviocytes through activating Wnt/ β -catenin signaling pathway in rheumatoid arthritis. Clinical and Translational Medicine, 2021, 11, e376.	4.0	9
18	Recent Progress of Exosomes in Multiple Myeloma: Pathogenesis, Diagnosis, Prognosis and Therapeutic Strategies. Cancers, 2021, 13, 1635.	3.7	15

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19	Eggshell membranes coated chitosan decorated with metal nanoparticles for the catalytic reduction of organic contaminants. Carbohydrate Polymers, 2021, 259, 117681.	10.2	9
20	SMYD3–PARP16 axis accelerates unfolded protein response and mediates neointima formation. Acta Pharmaceutica Sinica B, 2021, 11, 1261-1273.	12.0	11
21	The Preparation of a Novel Poly(Lactic Acid)-Based Sustained H2S Releasing Microsphere for Rheumatoid Arthritis Alleviation. Pharmaceutics, 2021, 13, 742.	4.5	11
22	Regional Heterogeneity of Perivascular Adipose Tissue: Morphology, Origin, and Secretome. Frontiers in Pharmacology, 2021, 12, 697720.	3.5	16
23	H3K4 Methyltransferase Smyd3 Mediates Vascular Smooth Muscle Cell Proliferation, Migration, and Neointima Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1901-1914.	2.4	7
24	Diet and Hydrogen Sulfide Production in Mammals. Antioxidants and Redox Signaling, 2021, 34, 1378-1393.	5.4	13
25	SCM-198 ameliorates endometrial inflammation via suppressing the LPS-JNK-cJUN/cFOS-TLR4-NF-↑B pathway. Acta Biochimica Et Biophysica Sinica, 2021, 53, 1207-1215.	2.0	8
26	Neuron navigator 2 is a novel mediator of rheumatoid arthritis. Cellular and Molecular Immunology, 2021, 18, 2288-2289.	10.5	4
27	New Therapeutic Approaches Using Hydrogen Sulfide Donors in Inflammation and Immune Response. Antioxidants and Redox Signaling, 2021, 35, 341-356.	5.4	19
28	S-Propargyl-Cysteine Remodels the Gut Microbiota to Alleviate Rheumatoid Arthritis by Regulating Bile Acid Metabolism. Frontiers in Cellular and Infection Microbiology, 2021, 11, 670593.	3.9	10
29	The gut microbiome as non-invasive biomarkers for identifying overweight people at risk for osteoarthritis. Microbial Pathogenesis, 2021, 157, 104976.	2.9	21
30	Biologically Responsive Nanosystems Targeting Cardiovascular Diseases. Current Drug Delivery, 2021, 18, 892-913.	1.6	2
31	Hydrogen Sulfide: a Novel Immunoinflammatory Regulator in Rheumatoid Arthritis. Advances in Experimental Medicine and Biology, 2021, 1315, 161-179.	1.6	7
32	Recent progress in the development of potential drugs against SARS-CoV-2. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100057.	3.6	7
33	Leonurine affected homocysteine–methionine metabolism based on metabolomics and gut microbiota studies of clinical trial samples. Clinical and Translational Medicine, 2021, 11, e535.	4.0	7
34	Atezolizumab Plus Chemotherapy vs. Chemotherapy in Advanced or Metastatic Triple-Negative Breast Cancer: A Cost-Effectiveness Analysis. Frontiers in Public Health, 2021, 9, 756899.	2.7	4
35	The Two-Way Switch Role of ACE2 in the Treatment of Novel Coronavirus Pneumonia and Underlying Comorbidities. Molecules, 2021, 26, 142.	3.8	13
36	The Anti-Inflammation and Anti-Nociception Effect of Ketoprofen in Rats Could Be Strengthened Through Co-Delivery of a H2S Donor, S-Propargyl-Cysteine. Journal of Inflammation Research, 2021, Volume 14, 5863-5875.	3.5	2

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37	SMYD2-mediated TRAF2 methylation promotes the NF- κ B signaling pathways in inflammatory diseases. <i>Clinical and Translational Medicine</i> , 2021, 11, e591.	4.0	13
38	Histone Methyltransferase Dot1L Contributes to RIPK1 Kinase-Dependent Apoptosis in Cerebral Ischemia/Reperfusion. <i>Journal of the American Heart Association</i> , 2021, 10, e022791.	3.7	8
39	SPRC Suppresses Experimental Periodontitis by Modulating Th17/Treg Imbalance. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 737334.	4.1	9
40	Delayed Antiviral Immune Responses in Severe Acute Respiratory Syndrome Coronavirus Infected Pregnant Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 806902.	3.5	7
41	Targeting Epigenetic Mechanisms in Vascular Aging. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 806988.	2.4	10
42	Potential Anionic Substances Binding to Platelet Factor 4 in Vaccine-Induced Thrombotic Thrombocytopenia of ChAdOx1-S Vaccine for SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 782335.	4.8	3
43	New insights of epigenetics in vascular and cellular senescence. <i>Journal of Translational Internal Medicine</i> , 2021, 9, 239-248.	2.5	14
44	Bile acids as regulatory molecules and potential targets in metabolic diseases. <i>Life Sciences</i> , 2021, 287, 120152.	4.3	23
45	Leonurine: From Gynecologic Medicine to Pleiotropic Agent. <i>Chinese Journal of Integrative Medicine</i> , 2020, 26, 152-160.	1.6	36
46	ZYZ-803, a novel hydrogen sulfide-nitric oxide conjugated donor, promotes angiogenesis via cross-talk between STAT3 and CaMKII. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 218-228.	6.1	24
47	Combinational application of silybin and tangeretin attenuates the progression of non-alcoholic steatohepatitis (NASH) in mice via modulating lipid metabolism. <i>Pharmacological Research</i> , 2020, 151, 104519.	7.1	22
48	A Novel Rhynchophylline Analog, Y396, Inhibits Endothelial Dysfunction Induced by Oxidative Stress in Diabetes Through Epidermal Growth Factor Receptor. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 743-765.	5.4	14
49	Advances in the Protective Mechanism of NO, H ₂ S, and H ₂ in Myocardial Ischemic Injury. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 588206.	2.4	13
50	Histone methyltransferase Smyd3 is a new regulator for vascular senescence. <i>Aging Cell</i> , 2020, 19, e13212.	6.7	24
51	Epigenetics and Vascular Senescence—Potential New Therapeutic Targets?. <i>Frontiers in Pharmacology</i> , 2020, 11, 535395.	3.5	15
52	Biochemical indicators of coronavirus disease 2019 exacerbation and the clinical implications. <i>Pharmacological Research</i> , 2020, 159, 104946.	7.1	26
53	Targeting JMJD3 histone demethylase mediates cardiac fibrosis and cardiac function following myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 671-677.	2.1	16
54	Recombinant human ACE2: potential therapeutics of SARS-CoV-2 infection and its complication. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1255-1257.	6.1	50

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55	Jmjd3 regulates inflammasome activation and aggravates DSS-induced colitis in mice. <i>FASEB Journal</i> , 2020, 34, 4107-4119.	0.5	32
56	eNOS-Nitric Oxide System Contributes to a Novel Antiatherogenic Effect of Leonurine via Inflammation Inhibition and Plaque Stabilization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 463-475.	2.5	12
57	Design and synthesis of novel SCM-198 analogs as cardioprotective agents: Structure-activity relationship studies and biological evaluations. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112469.	5.5	5
58	Smyd3-PARP16 axis accelerates unfolded protein response and vascular aging. <i>Aging</i> , 2020, 12, 21423-21445.	3.1	12
59	Cystathionine- β -lyase ameliorates the histone demethylase JMJD3-mediated autoimmune response in rheumatoid arthritis. <i>Cellular and Molecular Immunology</i> , 2019, 16, 694-705.	10.5	47
60	ZYZ-803 Mitigates Endoplasmic Reticulum Stress-Related Necroptosis after Acute Myocardial Infarction through Downregulating the RIP3-CaMKII Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	4.0	32
61	An Appraisal of Developments in Allium Sulfur Chemistry: Expanding the Pharmacopeia of Garlic. <i>Molecules</i> , 2019, 24, 4006.	3.8	20
62	TCTAP A-055 Novel Rhynchophylline Analogue, Y396, Improves Endothelial Malfunction Induced by Oxidative Stress in Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 73, S29.	2.8	1
63	Hydrogen sulfide protects against DSS-induced colitis by inhibiting NLRP3 inflammasome. <i>Free Radical Biology and Medicine</i> , 2019, 137, 99-109.	2.9	45
64	SCM-198 protects endometrial stromal cells from oxidative damage through Bax/Bcl-2 and ERK signaling pathways. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 579-586.	2.0	9
65	Fra α 1 plays a critical role in angiotensin II-induced vascular senescence. <i>FASEB Journal</i> , 2019, 33, 7603-7614.	0.5	19
66	Hydrogen sulfide stabilizes atherosclerotic plaques in apolipoprotein E knockout mice. <i>Pharmacological Research</i> , 2019, 144, 90-98.	7.1	22
67	<p>>A Novel Liposomal S-Propargyl-Cysteine: A Sustained Release of Hydrogen Sulfide Reducing Myocardial Fibrosis via TGF- β 1/Smad Pathway</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 10061-10077.	6.7	30
68	Neuroprotective Effect of SCM-198 through Stabilizing Endothelial Cell Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	22
69	Cystathionine β -lyase deficiency aggravates obesity-related insulin resistance <i>via</i> FoxO1-dependent hepatic gluconeogenesis. <i>FASEB Journal</i> , 2019, 33, 4212-4224.	0.5	28
70	HDAC4 regulates vascular inflammation via activation of autophagy. <i>Cardiovascular Research</i> , 2018, 114, 1016-1028.	3.8	72
71	Novel H ₂ S-NO hybrid molecule (ZYZ-803) promoted synergistic effects against heart failure. <i>Redox Biology</i> , 2018, 15, 243-252.	9.0	28
72	GATA4 regulates angiogenesis and persistence of inflammation in rheumatoid arthritis. <i>Cell Death and Disease</i> , 2018, 9, 503.	6.3	38

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73	Garlic and Gaseous Mediators. Trends in Pharmacological Sciences, 2018, 39, 624-634.	8.7	55
74	Discovery of Leonuri and therapeutical applications: From bench to bedside. , 2018, 188, 26-35.		48
75	Endogenous hydrogen sulfide regulates histone demethylase JMJD3-mediated inflammatory response in LPS-stimulated macrophages and in a mouse model of LPS-induced septic shock. Biochemical Pharmacology, 2018, 149, 153-162.	4.4	40
76	Anti-hypercholesterolemic Effects and a Good Safety Profile of SCM-198 in Animals: From ApoE Knockout Mice to Rhesus Monkeys. Frontiers in Pharmacology, 2018, 9, 1468.	3.5	14
77	Amelioration of mitochondrial dysfunction in heart failure through S-sulphydration of Ca ²⁺ /calmodulin-dependent protein kinase II. Redox Biology, 2018, 19, 250-262.	9.0	37
78	Endogenous Hydrogen Sulfide Ameliorates NOX4 Induced Oxidative Stress in LPS-Stimulated Macrophages and Mice. Cellular Physiology and Biochemistry, 2018, 47, 458-474.	1.6	30
79	MiR-125b-5p is involved in oxygen and glucose deprivation injury in PC-12 cells via CBS/H ₂ S pathway. Nitric Oxide - Biology and Chemistry, 2018, 78, 11-21.	2.7	30
80	Critical role of histone demethylase Jumonji domain-containing protein 3 in the regulation of neointima formation following vascular injury. Cardiovascular Research, 2018, 114, 1894-1906.	3.8	30
81	Application of High-Performance Liquid Chromatography Coupled with Linear Ion Trap Quadrupole Orbitrap Mass Spectrometry for Qualitative and Quantitative Assessment of Shejin-Liyan Granule Supplements. Molecules, 2018, 23, 884.	3.8	10
82	Histone demethylase JMJD3 regulates fibroblast-like synoviocyte-mediated proliferation and joint destruction in rheumatoid arthritis. FASEB Journal, 2018, 32, 4031-4042.	0.5	43
83	The Drug Developments of Hydrogen Sulfide on Cardiovascular Disease. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-21.	4.0	68
84	Proapoptotic Cyclic Peptide BC71 Targets Cell-Surface GRP78 and Functions as an Anticancer Therapeutic in Mice. EBioMedicine, 2018, 33, 22-32.	6.1	32
85	Production of H ₂ S â€” The L-cysteine/CSE-CBS-MST/H ₂ S System. 2-Oxoglutarate-Dependent Oxygenases, 2018, , 44-58.	0.8	0
86	ZYZ-168 alleviates cardiac fibrosis after myocardial infarction through inhibition of ERK1/2-dependent ROCK1 activation. Scientific Reports, 2017, 7, 43242.	3.3	16
87	Shizukaol B, an active sesquiterpene from Chloranthus henryi, attenuates LPS-induced inflammatory responses in BV2 microglial cells. Biomedicine and Pharmacotherapy, 2017, 88, 878-884.	5.6	21
88	Hydrogen sulfide prevents postoperative adhesion in a rat uterine horn model. Taiwanese Journal of Obstetrics and Gynecology, 2017, 56, 46-50.	1.3	1
89	(-)-7(S)-hydroxymatairesinol protects against tumor necrosis factor- α -mediated inflammation response in endothelial cells by blocking the MAPK/NF- κ B and activating Nrf2/HO-1. Phytomedicine, 2017, 32, 15-23.	5.3	18
90	New method for quantification of gasotransmitter hydrogen sulfide in biological matrices by LC-MS/MS. Scientific Reports, 2017, 7, 46278.	3.3	79

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91	Gene delivery of TIPE2 inhibits breast cancer development and metastasis via CD8+ T and NK cell-mediated antitumor responses. <i>Molecular Immunology</i> , 2017, 85, 230-237.	2.2	28
92	AMPK Serves as a Therapeutic Target Against Anemia of Inflammation. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 251-268.	5.4	24
93	Chinese Medicine: A Hope for Neurodegenerative Diseases?. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S151-S160.	2.6	18
94	O39 Gp130-mediated STAT3 activation by S-propargyl-cysteine, an endogenous hydrogen sulfide initiator, prevents doxorubicin-induced cardiotoxicity. <i>Biochemical Pharmacology</i> , 2017, 139, 122.	4.4	0
95	Novel rhynchophylline analogues as microvascular relaxation agents for the treatment of microvascular dysfunction caused by diabetes. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 657-664.	5.5	15
96	Atherosclerosis and the Hydrogen Sulfide Signaling Pathway – Therapeutic Approaches to Disease Prevention. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 859-875.	1.6	36
97	Hederagenin and Î±-hederin promote degradation of proteins in neurodegenerative diseases and improve motor deficits in MPTP-mice. <i>Pharmacological Research</i> , 2017, 115, 25-44.	7.1	63
98	H2S biosynthesis and catabolism: new insights from molecular studies. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1391-1412.	5.4	131
99	The Role of Hydrogen Sulfide on Cardiovascular Homeostasis: An Overview with Update on Immunomodulation. <i>Frontiers in Pharmacology</i> , 2017, 8, 686.	3.5	75
100	An Update on AMPK in Hydrogen Sulfide Pharmacology. <i>Frontiers in Pharmacology</i> , 2017, 8, 810.	3.5	32
101	Molecular Pathways in Normal Aging and Neurodegeneration: Mechanisms and Therapeutics. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S1-S2.	2.6	1
102	ZYZ-772 Prevents Cardiomyocyte Injury by Suppressing Nox4-Derived ROS Production and Apoptosis. <i>Molecules</i> , 2017, 22, 331.	3.8	17
103	Novel Therapeutic Effects of Leonurine On Ischemic Stroke: New Mechanisms of BBB Integrity. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	4.0	52
104	Apoptotic Protease Activating Factor-1 Inhibitor Mitigates Myocardial Ischemia Injury via Disturbing Procaspase-9 Recruitment by Apaf-1. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	4.0	8
105	Integrated network analysis reveals potentially novel molecular mechanisms and therapeutic targets of refractory epilepsies. <i>PLoS ONE</i> , 2017, 12, e0174964.	2.5	13
106	Vasorelaxant Effect of a New Hydrogen Sulfide-Nitric Oxide Conjugated Donor in Isolated Rat Aortic Rings through cGMP Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	32
107	S-Propargyl-cysteine Exerts a Novel Protective Effect on Methionine and Choline Deficient Diet-Induced Fatty Liver via Akt/Nrf2/HO-1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	4.0	39
108	Hydrogen Sulfide Up-Regulates the Expression of ATP-Binding Cassette Transporter A1 via Promoting Nuclear Translocation of PPARÎ±. <i>International Journal of Molecular Sciences</i> , 2016, 17, 635.	4.1	17

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109	Leonurine, a Potential Agent of Traditional Chinese Medicine: Recent Updates and Future Perspectives. Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	4
110	TIPE2 suppresses the tumorigenesis, growth and metastasis of breast cancer via inhibition of the AKT and p38 signaling pathways. Oncology Reports, 2016, 36, 3311-3316.	2.6	25
111	Novel protective effects of pulsed electromagnetic field ischemia/reperfusion injury rats. Bioscience Reports, 2016, 36, .	2.4	16
112	Hindlimb spasticity after unilateral motor cortex lesion in rats is reduced by contralateral nerve root transfer. Bioscience Reports, 2016, 36, .	2.4	5
113	Novel hydrogen sulfide-releasing compound, S-propargyl-cysteine, prevents STZ-induced diabetic nephropathy. Biochemical and Biophysical Research Communications, 2016, 473, 931-938.	2.1	41
114	GW27-e0112 Gp130-Mediated STAT3 Activation by S-Propargyl-Cysteine, an Endogenous Hydrogen Sulfide Initiator, Prevents Doxorubicin-Induced Cardiotoxicity. Journal of the American College of Cardiology, 2016, 68, C53.	2.8	0
115	Hydrogen Sulfide Mitigates Myocardial Infarction <i>via</i> Promotion of Mitochondrial Biogenesis-Dependent M2 Polarization of Macrophages. Antioxidants and Redox Signaling, 2016, 25, 268-281.	5.4	64
116	Synthesis and biological evaluation of the codrug of Leonurine and Aspirin as cardioprotective agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4650-4654.	2.2	8
117	Gp130-mediated STAT3 activation by S-propargyl-cysteine, an endogenous hydrogen sulfide initiator, prevents doxorubicin-induced cardiotoxicity. Cell Death and Disease, 2016, 7, e2339-e2339.	6.3	42
118	Novel Angiogenic Activity and Molecular Mechanisms of ZYZ-803, a Slow-Releasing Hydrogen Sulfide–Nitric Oxide Hybrid Molecule. Antioxidants and Redox Signaling, 2016, 25, 498-514.	5.4	55
119	S-propargyl-cysteine attenuates inflammatory response in rheumatoid arthritis by modulating the Nrf2-ARE signaling pathway. Redox Biology, 2016, 10, 157-167.	9.0	65
120	The discovery of a novel inhibitor of apoptotic protease activating factor-1 (Apaf-1) for ischemic heart: synthesis, activity and target identification. Scientific Reports, 2016, 6, 29820.	3.3	11
121	Therapeutic application of hydrogen sulfide donors: the potential and challenges. Frontiers of Medicine, 2016, 10, 18-27.	3.4	34
122	NADPH oxidase 4 contributes to connective tissue growth factor expression through Smad3-dependent signaling pathway. Free Radical Biology and Medicine, 2016, 94, 174-184.	2.9	24
123	ZYZ451 protects cardiomyocytes from hypoxia-induced apoptosis via enhancing MnSOD and STAT3 interaction. Free Radical Biology and Medicine, 2016, 92, 1-14.	2.9	13
124	Deficiency of sorting nexin 10 prevents bone erosion in collagen-induced mouse arthritis through promoting NFATc1 degradation. Annals of the Rheumatic Diseases, 2016, 75, 1211-1218.	0.9	29
125	Hydrogen Sulfide Attenuates Inflammatory Hepcidin by Reducing IL-6 Secretion and Promoting SIRT1-Mediated STAT3 Deacetylation. Antioxidants and Redox Signaling, 2016, 24, 70-83.	5.4	71
126	S-Propargyl-Cysteine, a Novel Hydrogen Sulfide Donor, Inhibits Inflammatory Hepcidin and Relieves Anemia of Inflammation by Inhibiting IL-6/STAT3 Pathway. PLoS ONE, 2016, 11, e0163289.	2.5	25

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127	Leonurine, a Potential Agent of Traditional Chinese Medicine: Recent Updates and Future Perspectives. <i>Natural Product Communications</i> , 2016, 11, 1757-1761.	0.5	8
128	Effects of leonurine on intracerebral haemorrhage by attenuation of perihematomal edema and neuroinflammation the JNK pathway. <i>Die Pharmazie</i> , 2016, 71, 644-650.	0.5	4
129	SCM-198 Ameliorates Cognitive Deficits, Promotes Neuronal Survival and Enhances CREB/BDNF/TrkB Signaling without Affecting A β Burden in A β PP/PS1 Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18544-18563.	4.1	26
130	The Cardioprotective Effects of Hydrogen Sulfide in Heart Diseases: From Molecular Mechanisms to Therapeutic Potential. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-13.	4.0	107
131	The protective effects of endogenous hydrogen sulfide modulator, S-propargyl-cysteine, on high glucose-induced apoptosis in cardiomyocytes: A novel mechanism mediated by the activation of Nrf2. <i>European Journal of Pharmacology</i> , 2015, 761, 135-143.	3.5	36
132	Cardioprotective effects and pharmacokinetic properties of a controlled release formulation of a novel hydrogen sulfide donor in rats with acute myocardial infarction. <i>Bioscience Reports</i> , 2015, 35, .	2.4	18
133	The effects of Zanthoxylum bungeanum extract on lipid metabolism induced by β -sterols. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 251-259.	2.5	25
134	Hydrogen sulfide protects against apoptosis under oxidative stress through SIRT1 pathway in H9c2 cardiomyocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 204-212.	2.7	78
135	Asymmetric Synthesis and Evaluation of Danshensu-Cysteine Conjugates as Novel Potential Anti-Apoptotic Drug Candidates. <i>International Journal of Molecular Sciences</i> , 2015, 16, 628-644.	4.1	13
136	The Pharmacological Effects of S-Propargyl-Cysteine, a Novel Endogenous H ₂ S-Producing Compound. <i>Handbook of Experimental Pharmacology</i> , 2015, 230, 325-336.	1.8	27
137	Induction of Heme Oxygenase-1 by Sodium 9-Hydroxyltanshinone IIA Sulfonate Derivative Contributes to Inhibit LPS-Mediated Inflammatory Response in Macrophages. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1316-1330.	1.6	12
138	Cochinchina Momordica Seed Suppresses Proliferation and Metastasis in Human Lung Cancer Cells by Regulating Multiple Molecular Targets. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 149-166.	3.8	16
139	Physicochemical characteristics and gastrointestinal absorption behaviors of S-propargyl-cysteine, a potential new drug candidate for cardiovascular protection and antitumor treatment. <i>Xenobiotica</i> , 2015, 45, 322-334.	1.1	4
140	miRNA-30 Family Inhibition Protects Against Cardiac Ischemic Injury by Regulating Cystathionine- β -Lyase Expression. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 224-240.	5.4	96
141	The Novel Analogue of Hirsutine as an Anti-Hypertension and Vasodilatory Agent Both In Vitro and In Vivo. <i>PLoS ONE</i> , 2015, 10, e0119477.	2.5	11
142	The JNK Signaling Pathway Is a Novel Molecular Target for S-Propargyl- L-Cysteine, a Naturally-Occurring Garlic Derivatives: Link to Its Anticancer Activity in Pancreatic Cancer In Vitro and In Vivo. <i>Current Cancer Drug Targets</i> , 2015, 15, 613-623.	1.6	25
143	Characterization of Metabolites of Leonurine (SCM-198) in Rats after Oral Administration by Liquid Chromatography/Tandem Mass Spectrometry and NMR Spectrometry. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	7
144	Acetylcholinesterase overexpression mediated by oncolytic adenovirus exhibited potent anti-tumor effect. <i>BMC Cancer</i> , 2014, 14, 668.	2.6	22

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145	Sodium Hydrosulfide Prevents Myocardial Dysfunction through Modulation of Extracellular Matrix Accumulation and Vascular Density. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23212-23226.	4.1	19
146	Hydrogen Sulfide Targets EGFR Cys797/Cys798 Residues to Induce Na ⁺ /K ⁺ -ATPase Endocytosis and Inhibition in Renal Tubular Epithelial Cells and Increase Sodium Excretion in Chronic Salt-Loaded Rats. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2061-2082.	5.4	54
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