

# Yi Zhun Zhu

## List of Publications by Year in descending order

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297  
papers

12,222  
citations

20759

60  
h-index

42291

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. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 1876-1894.	1.1	1
2	Hirsutine ameliorates hepatic and cardiac insulin resistance in high-fat diet-induced diabetic mice and in vitro models. <i>Pharmacological Research</i> , 2022, 177, 105917.	3.1	14
3	The regulatory role of MiR-203 in oxidative stress induced cell injury through the CBS/H <sub>2</sub> S pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 118, 31-38.	1.2	5
4	YB-1 Recruits Drosha to Promote Splicing of <i>pri-miR-192</i> to Mediate the Proangiogenic Effects of H <sub>2</sub> S. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 760-783.	2.5	12
5	Sp1 S-Sulfhydration Induced by Hydrogen Sulfide Inhibits Inflammation via HDAC6/MyD88/NF- $\kappa$ B Signaling Pathway in Adjuvant-Induced Arthritis. <i>Antioxidants</i> , 2022, 11, 732.	2.2	9
6	Association of DNA methylation and transcriptome reveals epigenetic etiology of heart failure. <i>Functional and Integrative Genomics</i> , 2022, 22, 89-112.	1.4	7
7	Update of Indoles: Promising molecules for ameliorating metabolic diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112957.	2.5	11
8	Leonurine Protects Bone Mesenchymal Stem Cells from Oxidative Stress by Activating Mitophagy through PI3K/Akt/mTOR Pathway. <i>Cells</i> , 2022, 11, 1724.	1.8	14
9	<i>S</i> -Propargyl-cysteine prevents concanavalin A-induced immunological liver injury in mice. <i>Pharmaceutical Biology</i> , 2022, 60, 1169-1176.	1.3	5
10	Hyaluronic Acid-Functionalized Mesoporous Silica Nanoparticles Loading Simvastatin for Targeted Therapy of Atherosclerosis. <i>Pharmaceutics</i> , 2022, 14, 1265.	2.0	19
11	HDAC4 Inhibitors as Antivascular Senescence Therapeutics. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	1
12	STAT3-NAV2 axis as a new therapeutic target for rheumatoid arthritis via activating SSH1L/Cofilin-1 signaling pathway. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	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. <i>Drug Delivery</i> , 2021, 28, 1031-1042.	2.5	10
15	Short-Term Oral Administration of Mesoporous Silica Nanoparticles Potentially Induced Colon Inflammation in Rats Through Alteration of Gut Microbiota. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 881-893.	3.3	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. <i>Frontiers in Pharmacology</i> , 2021, 12, 586973.	1.6	4
17	NAV2 positively modulates inflammatory response of fibroblast-like synoviocytes through activating Wnt/ $\beta$ -catenin signaling pathway in rheumatoid arthritis. <i>Clinical and Translational Medicine</i> , 2021, 11, e376.	1.7	9
18	Recent Progress of Exosomes in Multiple Myeloma: Pathogenesis, Diagnosis, Prognosis and Therapeutic Strategies. <i>Cancers</i> , 2021, 13, 1635.	1.7	15

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19	Eggshell membranes coated chitosan decorated with metal nanoparticles for the catalytic reduction of organic contaminants. <i>Carbohydrate Polymers</i> , 2021, 259, 117681.	5.1	9
20	SMYD3â€“PARP16 axis accelerates unfolded protein response and mediates neointima formation. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1261-1273.	5.7	11
21	The Preparation of a Novel Poly(Lactic Acid)-Based Sustained H2S Releasing Microsphere for Rheumatoid Arthritis Alleviation. <i>Pharmaceutics</i> , 2021, 13, 742.	2.0	11
22	Regional Heterogeneity of Perivascular Adipose Tissue: Morphology, Origin, and Secretome. <i>Frontiers in Pharmacology</i> , 2021, 12, 697720.	1.6	16
23	H3K4 Methyltransferase Smyd3 Mediates Vascular Smooth Muscle Cell Proliferation, Migration, and Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1901-1914.	1.1	7
24	Diet and Hydrogen Sulfide Production in Mammals. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 1378-1393.	2.5	13
25	SCM-198 ameliorates endometrial inflammation via suppressing the LPS-JNK-cJUN/cFOS-TLR4-NF- $\kappa$ B pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1207-1215.	0.9	8
26	Neuron navigator 2 is a novel mediator of rheumatoid arthritis. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2288-2289.	4.8	4
27	New Therapeutic Approaches Using Hydrogen Sulfide Donors in Inflammation and Immune Response. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 341-356.	2.5	19
28	S-Propargyl-Cysteine Remodels the Gut Microbiota to Alleviate Rheumatoid Arthritis by Regulating Bile Acid Metabolism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 670593.	1.8	10
29	The gut microbiome as non-invasive biomarkers for identifying overweight people at risk for osteoarthritis. <i>Microbial Pathogenesis</i> , 2021, 157, 104976.	1.3	21
30	Biologically Responsive Nanosystems Targeting Cardiovascular Diseases. <i>Current Drug Delivery</i> , 2021, 18, 892-913.	0.8	2
31	Hydrogen Sulfide: a Novel Immunoinflammatory Regulator in Rheumatoid Arthritis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1315, 161-179.	0.8	7
32	Recent progress in the development of potential drugs against SARS-CoV-2. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100057.	1.7	7
33	Leonurine affected homocysteineâ€“methionine metabolism based on metabolomics and gut microbiota studies of clinical trial samples. <i>Clinical and Translational Medicine</i> , 2021, 11, e535.	1.7	7
34	Atezolizumab Plus Chemotherapy vs. Chemotherapy in Advanced or Metastatic Triple-Negative Breast Cancer: A Cost-Effectiveness Analysis. <i>Frontiers in Public Health</i> , 2021, 9, 756899.	1.3	4
35	The Two-Way Switch Role of ACE2 in the Treatment of Novel Coronavirus Pneumonia and Underlying Comorbidities. <i>Molecules</i> , 2021, 26, 142.	1.7	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. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 5863-5875.	1.6	2

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37	SMYD2-mediated TRAF2 methylation promotes the NF- $\kappa$ B signaling pathways in inflammatory diseases. <i>Clinical and Translational Medicine</i> , 2021, 11, e591.	1.7	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.	1.6	8
39	SPRC Suppresses Experimental Periodontitis by Modulating Th17/Treg Imbalance. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 737334.	2.0	9
40	Delayed Antiviral Immune Responses in Severe Acute Respiratory Syndrome Coronavirus Infected Pregnant Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 806902.	1.5	7
41	Targeting Epigenetic Mechanisms in Vascular Aging. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 806988.	1.1	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.	2.2	3
43	New insights of epigenetics in vascular and cellular senescence. <i>Journal of Translational Internal Medicine</i> , 2021, 9, 239-248.	1.0	14
44	Bile acids as regulatory molecules and potential targets in metabolic diseases. <i>Life Sciences</i> , 2021, 287, 120152.	2.0	23
45	Leonurine: From Gynecologic Medicine to Pleiotropic Agent. <i>Chinese Journal of Integrative Medicine</i> , 2020, 26, 152-160.	0.7	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.	2.8	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.	3.1	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.	2.5	14
49	Advances in the Protective Mechanism of NO, H <sub>2</sub> S, and H <sub>2</sub> in Myocardial Ischemic Injury. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 588206.	1.1	13
50	Histone methyltransferase Smyd3 is a new regulator for vascular senescence. <i>Aging Cell</i> , 2020, 19, e13212.	3.0	24
51	Epigenetics and Vascular Senescence—Potential New Therapeutic Targets?. <i>Frontiers in Pharmacology</i> , 2020, 11, 535395.	1.6	15
52	Biochemical indicators of coronavirus disease 2019 exacerbation and the clinical implications. <i>Pharmacological Research</i> , 2020, 159, 104946.	3.1	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.	1.0	16
54	Recombinant human ACE2: potential therapeutics of SARS-CoV-2 infection and its complication. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1255-1257.	2.8	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.	0.2	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.	1.3	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.	2.6	5
58	Smyd3-PARP16 axis accelerates unfolded protein response and vascular aging. <i>Aging</i> , 2020, 12, 21423-21445.	1.4	12
59	Cystathionine- $\beta$ -lyase ameliorates the histone demethylase JMJD3-mediated autoimmune response in rheumatoid arthritis. <i>Cellular and Molecular Immunology</i> , 2019, 16, 694-705.	4.8	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.	1.9	32
61	An Appraisal of Developments in Allium Sulfur Chemistry: Expanding the Pharmacopeia of Garlic. <i>Molecules</i> , 2019, 24, 4006.	1.7	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.	1.2	1
63	Hydrogen sulfide protects against DSS-induced colitis by inhibiting NLRP3 inflammasome. <i>Free Radical Biology and Medicine</i> , 2019, 137, 99-109.	1.3	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.	0.9	9
65	Fra $\alpha$ 1 plays a critical role in angiotensin II-induced vascular senescence. <i>FASEB Journal</i> , 2019, 33, 7603-7614.	0.2	19
66	Hydrogen sulfide stabilizes atherosclerotic plaques in apolipoprotein E knockout mice. <i>Pharmacological Research</i> , 2019, 144, 90-98.	3.1	22
67	&lt;p&gt;A Novel Liposomal S-Propargyl-Cysteine: A Sustained Release of Hydrogen Sulfide Reducing Myocardial Fibrosis via TGF- $\beta$ 1/Smad Pathway&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 10061-10077.	3.3	30
68	Neuroprotective Effect of SCM-198 through Stabilizing Endothelial Cell Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	22
69	Cystathionine $\beta$ -lyase deficiency aggravates obesity-related insulin resistance via FoxO1-dependent hepatic gluconeogenesis. <i>FASEB Journal</i> , 2019, 33, 4212-4224.	0.2	28
70	HDAC4 regulates vascular inflammation via activation of autophagy. <i>Cardiovascular Research</i> , 2018, 114, 1016-1028.	1.8	72
71	Novel H <sub>2</sub> S-NO hybrid molecule (ZYZ-803) promoted synergistic effects against heart failure. <i>Redox Biology</i> , 2018, 15, 243-252.	3.9	28
72	GATA4 regulates angiogenesis and persistence of inflammation in rheumatoid arthritis. <i>Cell Death and Disease</i> , 2018, 9, 503.	2.7	38

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73	Garlic and Gaseous Mediators. Trends in Pharmacological Sciences, 2018, 39, 624-634.	4.0	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.	2.0	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.	1.6	14
77	Amelioration of mitochondrial dysfunction in heart failure through S-sulphydration of Ca <sup>2+</sup> /calmodulin-dependent protein kinase II. Redox Biology, 2018, 19, 250-262.	3.9	37
78	Endogenous Hydrogen Sulfide Ameliorates NOX4 Induced Oxidative Stress in LPS-Stimulated Macrophages and Mice. Cellular Physiology and Biochemistry, 2018, 47, 458-474.	1.1	30
79	MiR-125b-5p is involved in oxygen and glucose deprivation injury in PC-12 cells via CBS/H <sub>2</sub> S pathway. Nitric Oxide - Biology and Chemistry, 2018, 78, 11-21.	1.2	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.	1.8	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.	1.7	10
82	Histone demethylase JMJD3 regulates fibroblast-like synoviocyte-mediated proliferation and joint destruction in rheumatoid arthritis. FASEB Journal, 2018, 32, 4031-4042.	0.2	43
83	The Drug Developments of Hydrogen Sulfide on Cardiovascular Disease. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-21.	1.9	68
84	Proapoptotic Cyclic Peptide BC71 Targets Cell-Surface GRP78 and Functions as an Anticancer Therapeutic in Mice. EBioMedicine, 2018, 33, 22-32.	2.7	32
85	Production of H <sub>2</sub> S – The L-cysteine/CSE-CBS-MST/H <sub>2</sub> 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.	1.6	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.	2.5	21
88	Hydrogen sulfide prevents postoperative adhesion in a rat uterine horn model. Taiwanese Journal of Obstetrics and Gynecology, 2017, 56, 46-50.	0.5	1
89	(-)-7(S)-hydroxymatairesinol protects against tumor necrosis factor- $\alpha$ -mediated inflammation response in endothelial cells by blocking the MAPK/NF- $\kappa$ B and activating Nrf2/HO-1. Phytomedicine, 2017, 32, 15-23.	2.3	18
90	New method for quantification of gasotransmitter hydrogen sulfide in biological matrices by LC-MS/MS. Scientific Reports, 2017, 7, 46278.	1.6	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.	1.0	28
92	AMPK Serves as a Therapeutic Target Against Anemia of Inflammation. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 251-268.	2.5	24
93	Chinese Medicine: A Hope for Neurodegenerative Diseases?. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S151-S160.	1.2	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.	2.0	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.	2.6	15
96	Atherosclerosis and the Hydrogen Sulfide Signaling Pathway – Therapeutic Approaches to Disease Prevention. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 859-875.	1.1	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.	3.1	63
98	H2S biosynthesis and catabolism: new insights from molecular studies. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1391-1412.	2.4	131
99	The Role of Hydrogen Sulfide on Cardiovascular Homeostasis: An Overview with Update on Immunomodulation. <i>Frontiers in Pharmacology</i> , 2017, 8, 686.	1.6	75
100	An Update on AMPK in Hydrogen Sulfide Pharmacology. <i>Frontiers in Pharmacology</i> , 2017, 8, 810.	1.6	32
101	Molecular Pathways in Normal Aging and Neurodegeneration: Mechanisms and Therapeutics. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S1-S2.	1.2	1
102	ZYZ-772 Prevents Cardiomyocyte Injury by Suppressing Nox4-Derived ROS Production and Apoptosis. <i>Molecules</i> , 2017, 22, 331.	1.7	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.	1.9	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.	1.9	8
105	Integrated network analysis reveals potentially novel molecular mechanisms and therapeutic targets of refractory epilepsies. <i>PLoS ONE</i> , 2017, 12, e0174964.	1.1	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.	1.9	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.	1.9	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.	1.8	17

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109	Leonurine, a Potential Agent of Traditional Chinese Medicine: Recent Updates and Future Perspectives. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101.	0.2	4
110	TIPE2 suppresses the tumorigenesis, growth and metastasis of breast cancer via inhibition of the AKT and p38 signaling pathways. <i>Oncology Reports</i> , 2016, 36, 3311-3316.	1.2	25
111	Novel protective effects of pulsed electromagnetic field ischemia/reperfusion injury rats. <i>Bioscience Reports</i> , 2016, 36, .	1.1	16
112	Hindlimb spasticity after unilateral motor cortex lesion in rats is reduced by contralateral nerve root transfer. <i>Bioscience Reports</i> , 2016, 36, .	1.1	5
113	Novel hydrogen sulfide-releasing compound, S-propargyl-cysteine, prevents STZ-induced diabetic nephropathy. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 931-938.	1.0	41
114	GW27-e0112 Gp130-Mediated STAT3 Activation by S-Propargyl-Cysteine, an Endogenous Hydrogen Sulfide Initiator, Prevents Doxorubicin-Induced Cardiotoxicity. <i>Journal of the American College of Cardiology</i> , 2016, 68, C53.	1.2	0
115	Hydrogen Sulfide Mitigates Myocardial Infarction via Promotion of Mitochondrial Biogenesis-Dependent M2 Polarization of Macrophages. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 268-281.	2.5	64
116	Synthesis and biological evaluation of the codrug of Leonurine and Aspirin as cardioprotective agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4650-4654.	1.0	8
117	Gp130-mediated STAT3 activation by S-propargyl-cysteine, an endogenous hydrogen sulfide initiator, prevents doxorubicin-induced cardiotoxicity. <i>Cell Death and Disease</i> , 2016, 7, e2339-e2339.	2.7	42
118	Novel Angiogenic Activity and Molecular Mechanisms of ZYZ-803, a Slow-Releasing Hydrogen Sulfide-Nitric Oxide Hybrid Molecule. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 498-514.	2.5	55
119	S-propargyl-cysteine attenuates inflammatory response in rheumatoid arthritis by modulating the Nrf2-ARE signaling pathway. <i>Redox Biology</i> , 2016, 10, 157-167.	3.9	65
120	The discovery of a novel inhibitor of apoptotic protease activating factor-1 (Apaf-1) for ischemic heart: synthesis, activity and target identification. <i>Scientific Reports</i> , 2016, 6, 29820.	1.6	11
121	Therapeutic application of hydrogen sulfide donors: the potential and challenges. <i>Frontiers of Medicine</i> , 2016, 10, 18-27.	1.5	34
122	NADPH oxidase 4 contributes to connective tissue growth factor expression through Smad3-dependent signaling pathway. <i>Free Radical Biology and Medicine</i> , 2016, 94, 174-184.	1.3	24
123	ZYZ451 protects cardiomyocytes from hypoxia-induced apoptosis via enhancing MnSOD and STAT3 interaction. <i>Free Radical Biology and Medicine</i> , 2016, 92, 1-14.	1.3	13
124	Deficiency of sorting nexin 10 prevents bone erosion in collagen-induced mouse arthritis through promoting NFATc1 degradation. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1211-1218.	0.5	29
125	Hydrogen Sulfide Attenuates Inflammatory Hepcidin by Reducing IL-6 Secretion and Promoting SIRT1-Mediated STAT3 Deacetylation. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 70-83.	2.5	71
126	S-Propargyl-Cysteine, a Novel Hydrogen Sulfide Donor, Inhibits Inflammatory Hepcidin and Relieves Anemia of Inflammation by Inhibiting IL-6/STAT3 Pathway. <i>PLoS ONE</i> , 2016, 11, e0163289.	1.1	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.	0.2	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.	0.3	4
129	SCM-198 Ameliorates Cognitive Deficits, Promotes Neuronal Survival and Enhances CREB/BDNF/TrkB Signaling without Affecting A $\beta$ Burden in A $\beta$ PP/PS1 Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18544-18563.	1.8	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.	1.9	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.	1.7	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, .	1.1	18
133	The effects of Zanthoxylum bungeanum extract on lipid metabolism induced by $\beta$ -sterols. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 251-259.	1.1	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.	1.2	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.	1.8	13
136	The Pharmacological Effects of S-Propargyl-Cysteine, a Novel Endogenous H <sub>2</sub> S-Producing Compound. <i>Handbook of Experimental Pharmacology</i> , 2015, 230, 325-336.	0.9	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.	1.1	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.	1.5	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.	0.5	4
140	miRNA-30 Family Inhibition Protects Against Cardiac Ischemic Injury by Regulating Cystathionine- $\beta$ -Lyase Expression. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 224-240.	2.5	96
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272	ANGIOGENESIS EFFECTS OF CHINESE HERBAL SALVIA MILTIORRHIZA AFTER ACUTE MYOCARDIAL INFARCTION IN RATS. <i>Cardiovascular Pathology</i> , 2004, 13, 152-153.	0.7	0
273	Role of phenytoin in wound healing: microarray analysis of early transcriptional responses in human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 661-666.	1.0	30
274	Distinct regions of periaqueductal gray (PAG) are involved in freezing behavior in hooded PVG rats on the cat-freezing test apparatus. <i>Neuroscience Letters</i> , 2004, 354, 139-142.	1.0	21
275	The CCK2 agonist BC264 reverses freezing behavior habituation in PVG hooded rats on repeated exposures to a cat. <i>Neuroscience Letters</i> , 2004, 355, 205-208.	1.0	10
276	Cholecystokinin-B receptor gene expression in cerebellum, pre-frontal cortex and cingulate gyrus and its association with suicide. <i>Neuroscience Letters</i> , 2004, 357, 107-110.	1.0	14
277	Analysis of strain difference in behavior to Cholecystokinin (CCK) receptor mediated drugs in PVG hooded and Sprague-Dawley rats using elevated plus-maze test apparatus. <i>Neuroscience Letters</i> , 2004, 358, 215-219.	1.0	14
278	Angiotensin receptor gene expression in candesartan mediated neuroprotection. <i>NeuroReport</i> , 2004, 15, 2643-2646.	0.6	15
279	cDNA microarray analysis of gene expression in anxious PVG and SD rats after cat-freezing test. <i>Experimental Brain Research</i> , 2003, 149, 413-421.	0.7	42
280	Role of angiotensin AT1 and AT2 receptors in cardiac hypertrophy and cardiac remodelling. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2003, 30, 911-918.	0.9	85
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282	Genetic variations in CCK <sub>B</sub> receptor in PVG hooded and Sprague-Dawley rats and its mRNA expression on cat exposure. <i>Behavioral Neuroscience</i> , 2003, 117, 385-390.	0.6	10
283	Chronic all-trans retinoic acid treatment prevents medial thickening of intramyocardial and intrarenal arteries in spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1370-H1377.	1.5	38
284	Cortical expression of endothelin receptor subtypes A and B following middle cerebral artery occlusion in rats. <i>Neuroscience</i> , 2002, 112, 993-1000.	1.1	30
285	Evidence of Apoptosis: Bax and Fas Expression in Acute Phase of Myocardial Infarction in Rats. <i>Journal of Cardiac Surgery</i> , 2002, 17, 562-563.	0.3	0
286	Effects of natural products on ischemic heart diseases and cardiovascular system. <i>Acta Pharmacologica Sinica</i> , 2002, 23, 1142-51.	2.8	40
287	Strain differences in freezing behavior of PVG hooded and Sprague-Dawley rats: differential cortical expression of cholecystokinin2 receptors. <i>NeuroReport</i> , 2001, 12, 2717-2720.	0.6	26
288	Time-Dependent Apoptotic Development and Pro-apoptotic Genes Expression in Rat Heart After Myocardial Infarction. <i>The Japanese Journal of Pharmacology</i> , 2001, 86, 355-358.	1.2	23

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290	Effects of losartan on haemodynamic parameters and angiotensin receptor mRNA levels in rat heart after myocardial infarction. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2000, 1, 257-262.	1.0	55
291	Angiotensin-Converting Enzyme Inhibition after Myocardial Infarction. <i>Asian Cardiovascular and Thoracic Annals</i> , 2000, 8, 85-90.	0.2	2
292	Identification of Regulated Genes in Rat Heart after Myocardial Infarction by Means of Differential mRNA Display.. <i>International Heart Journal</i> , 2000, 41, 59-66.	0.6	4
293	<i>Salvia miltiorrhiza</i> and ischemic diseases. <i>Acta Pharmacologica Sinica</i> , 2000, 21, 1089-94.	2.8	181
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296	Effects of Angiotensin-Converting Enzyme Inhibition and Angiotensin II AT1 Receptor Antagonism on Cardiac Parameters in Left Ventricular Hypertrophy. <i>American Journal of Cardiology</i> , 1997, 80, 110A-117A.	0.7	71
297	Substrate Metabolism, Hormone Interaction, and Angiotensin-Converting Enzyme Inhibitors in Left Ventricular Hypertrophy. <i>Diabetes</i> , 1996, 45, S59-S65.	0.3	28