

Tao Yu

List of Publications by Year in descending order

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79
papers

4,047
citations

109264

35
h-index

123376

61
g-index

80
all docs

80
docs citations

80
times ranked

4665
citing authors

#	ARTICLE	IF	CITATIONS
1	A circular RNA protects the heart from pathological hypertrophy and heart failure by targeting miR-223. <i>European Heart Journal</i> , 2016, 37, 2602-2611.	1.0	754
2	Functional Roles of p38 Mitogen-Activated Protein Kinase in Macrophage-Mediated Inflammatory Responses. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	1.4	271
3	NLRP3 inflammasome in endothelial dysfunction. <i>Cell Death and Disease</i> , 2020, 11, 776.	2.7	247
4	The Pivotal Role of TBK1 in Inflammatory Responses Mediated by Macrophages. <i>Mediators of Inflammation</i> , 2012, 2012, 1-8.	1.4	144
5	Ginsenoside Rc from <i>Panax ginseng</i> exerts anti-inflammatory activity by targeting TANK-binding kinase 1/interferon regulatory factor-3 and p38/ATF-2. <i>Journal of Ginseng Research</i> , 2017, 41, 127-133.	3.0	93
6	The piRNA CHAPIR regulates cardiac hypertrophy by controlling METTL3-dependent N6-methyladenosine methylation of Parp10 mRNA. <i>Nature Cell Biology</i> , 2020, 22, 1319-1331.	4.6	93
7	Inhibitory effect of <i>Sanguisorba officinalis</i> ethanol extract on NO and PGE2 production is mediated by suppression of NF- κ B and AP-1 activation signaling cascade. <i>Journal of Ethnopharmacology</i> , 2011, 134, 11-17.	2.0	84
8	Insights into the regulatory role of circRNA in angiogenesis and clinical implications. <i>Atherosclerosis</i> , 2020, 298, 14-26.	0.4	79
9	The Regulatory Role of Activating Transcription Factor 2 in Inflammation. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	78
10	Anti-inflammatory activity of ethanol extract derived from <i>Phaseolus angularis</i> beans. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1197-1206.	2.0	76
11	Parkin Regulates Programmed Necrosis and Myocardial Ischemia/Reperfusion Injury by Targeting Cyclophilin-D. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1177-1193.	2.5	72
12	In vitro and in vivo anti-inflammatory activities of <i>Polygonum hydropiper</i> methanol extract. <i>Journal of Ethnopharmacology</i> , 2012, 139, 616-625.	2.0	69
13	Molecular mechanism of protopanaxadiol saponin fraction-mediated anti-inflammatory actions. <i>Journal of Ginseng Research</i> , 2015, 39, 61-68.	3.0	69
14	Functional roles and mechanisms of ginsenosides from <i>Panax ginseng</i> in atherosclerosis. <i>Journal of Ginseng Research</i> , 2021, 45, 22-31.	3.0	68
15	In vitro and in vivo anti-inflammatory effects of ethanol extract from <i>Acer tegmentosum</i> . <i>Journal of Ethnopharmacology</i> , 2010, 128, 139-147.	2.0	67
16	Anti-inflammatory activity of <i>Sorbus commixta</i> water extract and its molecular inhibitory mechanism. <i>Journal of Ethnopharmacology</i> , 2011, 134, 493-500.	2.0	62
17	The ability of an ethanol extract of <i>Cinnamomum cassia</i> to inhibit Src and spleen tyrosine kinase activity contributes to its anti-inflammatory action. <i>Journal of Ethnopharmacology</i> , 2012, 139, 566-573.	2.0	60
18	Ginsenoside Rc from Korean Red Ginseng (<i>Panax ginseng</i> C.A. Meyer) Attenuates Inflammatory Symptoms of Gastritis, Hepatitis and Arthritis. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 595-615.	1.5	60

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19	tsRNAs: Novel small molecules from cell function and regulatory mechanism to therapeutic targets. <i>Cell Proliferation</i> , 2021, 54, e12977.	2.4	59
20	Role of acetylation in doxorubicin-induced cardiotoxicity. <i>Redox Biology</i> , 2021, 46, 102089.	3.9	59
21	Noncoding <scp>RNA</scp>s as therapeutic targets in atherosclerosis with diabetes mellitus. <i>Cardiovascular Therapeutics</i> , 2018, 36, e12436.	1.1	54
22	Novel anti-inflammatory function of NSC95397 by the suppression of multiple kinases. <i>Biochemical Pharmacology</i> , 2014, 88, 201-215.	2.0	53
23	Understanding the role of non-coding RNA (ncRNA) in stent restenosis. <i>Atherosclerosis</i> , 2018, 272, 153-161.	0.4	51
24	Syk/Src Pathway-Targeted Inhibition of Skin Inflammatory Responses by Carnosic Acid. <i>Mediators of Inflammation</i> , 2012, 2012, 1-13.	1.4	50
25	Piwi-interacting RNAs (piRNAs) as potential biomarkers and therapeutic targets for cardiovascular diseases. <i>Angiogenesis</i> , 2021, 24, 19-34.	3.7	50
26	ATF-2/CREB/IRF-3-targeted anti-inflammatory activity of Korean red ginseng water extract. <i>Journal of Ethnopharmacology</i> , 2014, 154, 218-228.	2.0	49
27	miR-499-5p Attenuates Mitochondrial Fission and Cell Apoptosis via p21 in Doxorubicin Cardiotoxicity. <i>Frontiers in Genetics</i> , 2018, 9, 734.	1.1	48
28	Long Non-coding RNA PEBP1P2 Suppresses Proliferative VSMCs Phenotypic Switching and Proliferation in Atherosclerosis. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 84-98.	2.3	48
29	Î²II spectrin (SPTBN1): biological function and clinical potential in cancer and other diseases. <i>International Journal of Biological Sciences</i> , 2021, 17, 32-49.	2.6	46
30	The cellular function and molecular mechanism of formaldehyde in cardiovascular disease and heart development. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5358-5371.	1.6	46
31	Potential of exosomes as diagnostic biomarkers and therapeutic carriers for doxorubicin-induced cardiotoxicity. <i>International Journal of Biological Sciences</i> , 2021, 17, 1328-1338.	2.6	43
32	TBK1 inhibitors: a review of patent literature (2011 â€“ 2014). <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 1385-1396.	2.4	42
33	MiR-378a-5p Regulates Proliferation and Migration in Vascular Smooth Muscle Cell by Targeting CDK1. <i>Frontiers in Genetics</i> , 2019, 10, 22.	1.1	41
34	The kinase inhibitor BX795 suppresses the inflammatory response via multiple kinases. <i>Biochemical Pharmacology</i> , 2020, 174, 113797.	2.0	40
35	Hydroquinone regulates hemeoxygenase-1 expression via modulation of Src kinase activity through thiolation of cysteine residues. <i>Free Radical Biology and Medicine</i> , 2013, 57, 105-118.	1.3	39
36	The biomarkers of key miRNAs and target genes associated with acute myocardial infarction. <i>PeerJ</i> , 2020, 8, e9129.	0.9	38

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37	3-(4-(tert-Octyl)phenoxy)propane-1,2-diol suppresses inflammatory responses via inhibition of multiple kinases. <i>Biochemical Pharmacology</i> , 2012, 83, 1540-1551.	2.0	36
38	miRNAs as potential therapeutic targets and diagnostic biomarkers for cardiovascular disease with a particular focus on WO2010091204. <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 1021-1029.	2.4	36
39	Targeting the epigenome in in-stent restenosis: from mechanisms to therapy. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1136-1160.	2.3	35
40	ERK1- and TBK1-targeted anti-inflammatory activity of an ethanol extract of <i>Dryopteris crassirhizoma</i> . <i>Journal of Ethnopharmacology</i> , 2013, 145, 499-508.	2.0	34
41	Non-coding RNAs in aortic dissection: From biomarkers to therapeutic targets. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11622-11637.	1.6	33
42	Changes of meibomian glands in patients with type 2 diabetes mellitus. <i>International Journal of Ophthalmology</i> , 2016, 9, 1740-1744.	0.5	32
43	Targeting non-coding RNAs in unstable atherosclerotic plaques: Mechanism, regulation, possibilities, and limitations. <i>International Journal of Biological Sciences</i> , 2021, 17, 3413-3427.	2.6	32
44	Methanol extract of <i>Hopea odorata</i> suppresses inflammatory responses via the direct inhibition of multiple kinases. <i>Journal of Ethnopharmacology</i> , 2013, 145, 598-607.	2.0	31
45	Nicotine: Regulatory roles and mechanisms in atherosclerosis progression. <i>Food and Chemical Toxicology</i> , 2021, 151, 112154.	1.8	31
46	Long noncoding RNA XXYL1-AS2 regulates proliferation and adhesion by targeting the RNA binding protein FUS in HUVEC. <i>Atherosclerosis</i> , 2020, 298, 58-69.	0.4	30
47	5'-tRNA-Cys-GCA regulates VSMC proliferation and phenotypic transition by targeting STAT4 in aortic dissection. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 295-306.	2.3	30
48	Nitric oxide synthase inhibitors: a review of patents from 2011 to the present. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 49-68.	2.4	28
49	The regulatory roles of aminoacyl-tRNA synthetase in cardiovascular disease. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 372-387.	2.3	28
50	Multistage-Responsive Nanocomplexes Attenuate Ulcerative Colitis by Improving the Accumulation and Distribution of Oral Nucleic Acid Drugs in the Colon. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2058-2070.	4.0	26
51	Reversible N6-methyladenosine of RNA: The regulatory mechanisms on gene expression and implications in physiology and pathology. <i>Genes and Diseases</i> , 2020, 7, 585-597.	1.5	23
52	Expression profiles and potential roles of transfer RNA-derived small RNAs in atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7052-7065.	1.6	23
53	MicroRNA-302c inhibits endothelial cell pyroptosis via directly targeting NOD1, LRR3 and pyrin domain-containing protein 3 in atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4373-4386.	1.6	22
54	Nanostructured, Self-Assembling Peptide K5 Blocks TNF- α and PGE ₂ Production by Suppression of the AP-1/p38 Pathway. <i>Mediators of Inflammation</i> , 2012, 2012, 1-8.	1.4	20

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55	ERK inhibition sensitizes cancer cells to oleanolic acid-induced apoptosis through ERK/Nrf2/ROS pathway. <i>Tumor Biology</i> , 2016, 37, 8181-8187.	0.8	19
56	Rs3212986 polymorphism, a possible biomarker to predict smoking-related lung cancer, alters DNA repair capacity via regulating ERCC1 expression. <i>Cancer Medicine</i> , 2018, 7, 6317-6330.	1.3	18
57	Identification of transfer RNA-derived fragments and their potential roles in aortic dissection. <i>Genomics</i> , 2021, 113, 3039-3049.	1.3	18
58	miR-564: A potential regulator of vascular smooth muscle cells and therapeutic target for aortic dissection. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 170, 100-114.	0.9	16
59	Biointerface topography regulates phenotypic switching and cell apoptosis in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 841-847.	1.0	15
60	Methanol extract of <i>Osbeckia stellata</i> suppresses lipopolysaccharide- and HCl/ethanol-induced inflammatory responses by inhibiting Src/Syk and IRAK1. <i>Journal of Ethnopharmacology</i> , 2012, 143, 876-883.	2.0	13
61	HangAmDan-B, an Ethnomedicinal Herbal Mixture, Suppresses Inflammatory Responses by Inhibiting Syk/NF- κ B and JNK/ATF-2 Pathways. <i>Journal of Medicinal Food</i> , 2013, 16, 56-65.	0.8	13
62	Src and Syk are targeted to an anti-inflammatory ethanol extract of <i>Aralia continentalis</i> . <i>Journal of Ethnopharmacology</i> , 2012, 143, 746-753.	2.0	11
63	miR-153-3p Targets β II Spectrin to Regulate Formaldehyde-Induced Cardiomyocyte Apoptosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 764831.	1.1	10
64	The lncRNA Punisher Regulates Apoptosis and Mitochondrial Homeostasis of Vascular Smooth Muscle Cells via Targeting miR-664a-5p and OPA1. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-21.	1.9	10
65	8-(Tosylamino)quinoline inhibits macrophage-mediated inflammation by suppressing NF- κ B signaling. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1037-1046.	2.8	9
66	Comprehensive profile of circRNAs in formaldehyde induced heart development. <i>Food and Chemical Toxicology</i> , 2022, 162, 112899.	1.8	9
67	A FGFR1 inhibitor patent review: progress since 2010. <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 439-454.	2.4	8
68	Aligned Electrospun PLLA/Graphene Microfibers with Nanotopographical Surface Modulate the Mitochondrial Responses of Vascular Smooth Muscle Cells. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100229.	1.9	8
69	Eosinophil: A Nonnegligible Predictor in COVID-19 Re-Positive Patients. <i>Frontiers in Immunology</i> , 2021, 12, 690653.	2.2	8
70	Apoptosis repressor with caspase recruitment domain promotes cell proliferation and phenotypic modulation through β -catenin/YAP signaling in vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 147, 35-48.	0.9	6
71	Biointerface topography mediates the interplay between endothelial cells and monocytes. <i>RSC Advances</i> , 2020, 10, 13848-13854.	1.7	6
72	Mitochondrial Ubiquitin Ligase in Cardiovascular Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 327-333.	0.8	6

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73	Phacoemulsification in the anterior chamber: An alternative surgical technique in post-vitrectomy cataract. Pakistan Journal of Medical Sciences, 2018, 34, 1512-1516.	0.3	5
74	The pathophysiological role of macrophages in colitis and their treatment. , 2022, , 277-297.		2
75	Extracellular Signal-Regulated Kinase Is a Major Enzyme in Korean Mistletoe Lectin-Mediated Regulation of Macrophage Functions. Biomolecules and Therapeutics, 2009, 17, 293-298.	1.1	1
76	CircTMEM165 Facilitates Vascular Endothelial Repair by Modulating Mitochondrial Fission via miR-192/SCP2 in vitro and in vivo. SSRN Electronic Journal, 0, , .	0.4	0
77	ATF2. , 2017, , 1-8.		0
78	ATF2. , 2018, , 460-466.		0
79	The lncRNA Punisher Inhibits Apoptosis of Vascular Smooth Muscle Cells Through Regulating Mitochondrial Homeostasis <i>via</i> Targeting miR-664a-5p and OPA1. SSRN Electronic Journal, 0, , .	0.4	0