

# Cheng Yang

## List of Publications by Year in descending order

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105  
papers

2,850  
citations

186265

28  
h-index

233421

45  
g-index

109  
all docs

109  
docs citations

109  
times ranked

4207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diosmetin has therapeutic efficacy in colitis regulating gut microbiota, inflammation, and oxidative stress via the circ-Sirt1/Sirt1 axis. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 919-932.	6.1	26
2	Both Baicalein and Gallic acid Effectively Inhibit SARS-CoV-2 Replication by Targeting Mpro and Sepsis in Mice. <i>Inflammation</i> , 2022, 45, 1076-1088.	3.8	23
3	Lenalidomide attenuates post-inflammation pulmonary fibrosis through blocking NF- $\kappa$ B signaling pathway. <i>International Immunopharmacology</i> , 2022, 103, 108470.	3.8	9
4	Myricetin reverses epithelial $\rightarrow$ endothelial transition and inhibits vasculogenic mimicry and angiogenesis of hepatocellular carcinoma by directly targeting PAR1. <i>Phytotherapy Research</i> , 2022, 36, 1807-1821.	5.8	5
5	Arylboronic Acid Deborylation Deuteration via Synergistic Thiol, Lewis Base, and Photoredox Catalysis. <i>Organic Letters</i> , 2022, 24, 2064-2068.	4.6	8
6	Preparation and Anti-tumor Study of Dextran 70,000-Selenium Nanoparticles and Poloxamer 188-Selenium Nanoparticles. <i>AAPS PharmSciTech</i> , 2022, 23, 29.	3.3	6
7	First orally bioavailable prodrug of proteolysis targeting chimera (PROTAC) degrades cyclin-dependent kinases 2/4/6 in vivo. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112903.	5.5	57
8	Pinoembrin relieves lipopolysaccharide and bleomycin induced lung inflammation via inhibiting TLR4-NF- $\kappa$ B-NLRP3 inflammasome signaling pathway. <i>International Immunopharmacology</i> , 2021, 90, 107230.	3.8	18
9	Potential type 2 diabetes mellitus drug HMPA promotes short-chain fatty acid production by improving carbon catabolite repression effect of gut microbiota. <i>British Journal of Pharmacology</i> , 2021, 178, 946-963.	5.4	7
10	Betulinic acid attenuated bleomycin-induced pulmonary fibrosis by effectively intervening Wnt/ $\beta$ -catenin signaling. <i>Phytomedicine</i> , 2021, 81, 153428.	5.3	14
11	Targeting FSTL1 for Multiple Fibrotic and Systemic Autoimmune Diseases. <i>Molecular Therapy</i> , 2021, 29, 347-364.	8.2	18
12	RNA m6A methylation promotes the formation of vasculogenic mimicry in hepatocellular carcinoma via Hippo pathway. <i>Angiogenesis</i> , 2021, 24, 83-96.	7.2	60
13	Regorafenib-Attenuated, Bleomycin-Induced Pulmonary Fibrosis by Inhibiting the TGF- $\beta$ 1 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1985.	4.1	16
14	Structures of Foot-and-mouth Disease Virus with neutralizing antibodies derived from recovered natural host reveal a mechanism for cross-serotype neutralization. <i>PLoS Pathogens</i> , 2021, 17, e1009507.	4.7	9
15	MTA2 triggered R-loop trans-regulates BDH1-mediated $\beta$ -hydroxybutyrylation and potentiates propagation of hepatocellular carcinoma stem cells. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 135.	17.1	26
16	Ellagic Acid Attenuates BLM-Induced Pulmonary Fibrosis via Inhibiting Wnt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 639574.	3.5	10
17	Deglycosylated Azithromycin Attenuates Bleomycin-Induced Pulmonary Fibrosis via the TGF- $\beta$ 1 Signaling Pathway. <i>Molecules</i> , 2021, 26, 2820.	3.8	5
18	Discovery and Optimization of a Novel 2-Hydroxy-4-Pyrazolo[3,4-d]pyrimidine Derivative as a Potent Irreversible Pan-Fibroblast Growth Factor Receptor Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9078-9099.	6.4	4

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19	Myricetin Inhibits SARS-CoV-2 Viral Replication by Targeting Mpro and Ameliorates Pulmonary Inflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 669642.	3.5	58
20	In vitro and in vivo degradation of programmed cell death ligand 1 (PD-L1) by a proteolysis targeting chimera (PROTAC). <i>Bioorganic Chemistry</i> , 2021, 111, 104833.	4.1	37
21	Fedratinib Attenuates Bleomycin-Induced Pulmonary Fibrosis via the JAK2/STAT3 and TGF- $\beta$ 1 Signaling Pathway. <i>Molecules</i> , 2021, 26, 4491.	3.8	19
22	A novel epigenetic drug conjugating flavonoid and HDAC inhibitor confer suppression of acute myeloid leukemogenesis. <i>Clinical Science</i> , 2021, 135, 1751-1765.	4.3	3
23	Bergenin attenuates bleomycin-induced pulmonary fibrosis in mice via inhibiting TGF- $\beta$ 1 signaling pathway. <i>Phytotherapy Research</i> , 2021, 35, 5808-5822.	5.8	17
24	Protective Effect of Remdesivir Against Pulmonary Fibrosis in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 692346.	3.5	4
25	5 $\beta$ -Epoxyalantolactone Inhibits Metastasis of Triple-Negative Breast Cancer Cells by Covalently Binding a Conserved Cysteine of Annexin A2. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12537-12547.	6.4	1
26	Pinocebrin Ameliorates Skin Fibrosis via Inhibiting TGF- $\beta$ 1 Signaling Pathway. <i>Biomolecules</i> , 2021, 11, 1240.	4.0	14
27	Structures of Foot-and-Mouth Disease Virus with Bovine Neutralizing Antibodies Reveal the Determinant of Intraserotype Cross-Neutralization. <i>Journal of Virology</i> , 2021, 95, e0130821.	3.4	5
28	Effect of dihydromyricetin on SARS-CoV-2 viral replication and pulmonary inflammation and fibrosis. <i>Phytomedicine</i> , 2021, 91, 153704.	5.3	25
29	Nintedanib ameliorates imiquimod-induced psoriasis in mice by inhibiting NF- $\kappa$ B and VEGFR2 signaling. <i>International Immunopharmacology</i> , 2021, 100, 108129.	3.8	7
30	Proteolysis-Targeting Chimera (PROTAC) Modification of Dovitinib Enhances the Antiproliferative Effect against FLT3-ITD-Positive Acute Myeloid Leukemia Cells. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16497-16511.	6.4	21
31	Clevudine attenuates bleomycin-induced early pulmonary fibrosis via regulating M2 macrophage polarization. <i>International Immunopharmacology</i> , 2021, 101, 108271.	3.8	12
32	A Novel Anticancer Stem Cell Compound Derived from Pleuromutilin Induced Necroptosis of Melanoma Cells. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15825-15845.	6.4	11
33	Protective effect of Idelalisib on carbon tetrachloride-induced liver fibrosis via microRNA-124/3P/phosphatidylinositol-3- $\alpha$ -hydroxykinase signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 11185-11197.	3.6	6
34	Cabozantinib ameliorates lipopolysaccharide-induced lung inflammation and bleomycin-induced early pulmonary fibrosis in mice. <i>International Immunopharmacology</i> , 2021, 101, 108327.	3.8	6
35	Structural Insight into African Swine Fever Virus dUTPase Reveals a Novel Folding Pattern in the dUTPase Family. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
36	Knockdown of THOC1 reduces the proliferation of hepatocellular carcinoma and increases the sensitivity to cisplatin. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 135.	8.6	15

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37	Lentinan-functionalized Selenium Nanoparticles target Tumor Cell Mitochondria via TLR4/TRAF3/MFN1 pathway. <i>Theranostics</i> , 2020, 10, 9083-9099.	10.0	46
38	Design and synthesis of novel Flavone-based histone deacetylase inhibitors antagonizing activation of STAT3 in breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112677.	5.5	19
39	Cartilage Oligomeric Matrix Protein promotes epithelial-mesenchymal transition by interacting with Transgelin in Colorectal Cancer. <i>Theranostics</i> , 2020, 10, 8790-8806.	10.0	67
40	Deglycosylated Azithromycin Targets Transgelin to Enhance Intestinal Smooth Muscle Function. <i>IScience</i> , 2020, 23, 101464.	4.1	7
41	Myricetin ameliorates bleomycin-induced pulmonary fibrosis in mice by inhibiting TGF- $\beta$ 2 signaling via targeting HSP90 $\alpha$ . <i>Biochemical Pharmacology</i> , 2020, 178, 114097.	4.4	30
42	Synthesis of aziridines with multiple chiral substitutions by copper-catalyzed diastereoselective radical aminotrifluoromethylation of alkenes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3132-3136.	4.5	11
43	Nintedanib Inhibits Wnt3a-Induced Myofibroblast Activation by Suppressing the Src/ $\beta$ -Catenin Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 310.	3.5	11
44	Structures of <i>Mycobacterium tuberculosis</i> Penicillin-Binding Protein 3 in Complex with Five $\beta$ -Lactam Antibiotics Reveal Mechanism of Inactivation. <i>Molecular Pharmacology</i> , 2020, 97, 287-294.	2.3	20
45	Byakangelicin protects against carbon tetrachloride-induced liver injury and fibrosis in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 8623-8635.	3.6	10
46	Design and synthesis of Leukotriene A4 hydrolase inhibitors to alleviate idiopathic pulmonary fibrosis and acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112614.	5.5	14
47	High-fat diet-induced dysbiosis mediates MCP-1/CCR2 axis-dependent M2 macrophage polarization and promotes intestinal adenoma-adenocarcinoma sequence. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2648-2662.	3.6	43
48	Glycyrrhizic Acid-Induced Differentiation Repressed Stemness in Hepatocellular Carcinoma by Targeting c-Jun N-Terminal Kinase 1. <i>Frontiers in Oncology</i> , 2020, 9, 1431.	2.8	12
49	Crystal Structure of African Swine Fever Virus pS273R Protease and Implications for Inhibitor Design. <i>Journal of Virology</i> , 2020, 94, .	3.4	28
50	Protective Effect of Arbidol Against Pulmonary Fibrosis and Sepsis in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 607075.	3.5	5
51	Protopanaxadiol inhibits epithelial-mesenchymal transition of hepatocellular carcinoma by targeting STAT3 pathway. <i>Cell Death and Disease</i> , 2019, 10, 630.	6.3	31
52	6-Gingerol stabilized the p-VEGFR2/VE-cadherin/ $\beta$ -catenin/actin complex promotes microvessel normalization and suppresses tumor progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 285.	8.6	62
53	Anlotinib attenuated bleomycin-induced pulmonary fibrosis via the TGF- $\beta$ 1 signalling pathway. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 72, 44-55.	2.4	34
54	Targeted Drug-Loaded Chemical Probe Staining Assay to Predict Therapy Response and Function as an Independent Pathological Marker. <i>IScience</i> , 2019, 21, 549-561.	4.1	1

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55	Prim-O-glucosylcimifugin enhances the antitumour effect of PD-1 inhibition by targeting myeloid-derived suppressor cells. , 2019, 7, 231.		32
56	Antifibrotic Mechanism of Cinobufagin in Bleomycin-Induced Pulmonary Fibrosis in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1021.	3.5	32
57	Multifunctional Polypyrrole-Coated Mesoporous TiO <sub>2</sub> Nanocomposites for Photothermal, Sonodynamic, and Chemotherapeutic Treatments and Dual-Modal Ultrasound/Photoacoustic Imaging of Tumors. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801254.	7.6	74
58	YY1 Complex Promotes Quaking Expression via Super-Enhancer Binding during EMT of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2019, 79, 1451-1464.	0.9	80
59	USP5 promotes epithelial-mesenchymal transition by stabilizing SLUG in hepatocellular carcinoma. <i>Theranostics</i> , 2019, 9, 573-587.	10.0	81
60	YY1 Promotes Endothelial Cell-Dependent Tumor Angiogenesis in Hepatocellular Carcinoma by Transcriptionally Activating VEGFA. <i>Frontiers in Oncology</i> , 2019, 9, 1187.	2.8	26
61	Antimalarial Drug Pyrimethamine Plays a Dual Role in Antitumor Proliferation and Metastasis through Targeting DHFR and TP. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 541-555.	4.1	30
62	±-Alkylation of Chiral Sulfinimines for Constructing Quaternary Chiral Carbons by Introducing Removable Directing Groups. <i>Organic Letters</i> , 2018, 20, 1350-1354.	4.6	10
63	Discovery of the first macrolide antibiotic binding protein in <i>Mycobacterium tuberculosis</i> : a new antibiotic resistance drug target. <i>Protein and Cell</i> , 2018, 9, 971-975.	11.0	6
64	Synthesis and Discovery Novel Anti-Cancer Stem Cells Compounds Derived from the Natural Triterpenic Acids. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10814-10833.	6.4	17
65	Salidroside improves the hypoxic tumor microenvironment and reverses the drug resistance of platinum drugs via HIF-1 $\alpha$ signaling pathway. <i>EBioMedicine</i> , 2018, 38, 25-36.	6.1	39
66	Selenium-lentinan inhibits tumor progression by regulating epithelial-mesenchymal transition. <i>Toxicology and Applied Pharmacology</i> , 2018, 360, 1-8.	2.8	20
67	Salvianolic acid A targeting the transgelin-actin complex to enhance vasoconstriction. <i>EBioMedicine</i> , 2018, 37, 246-258.	6.1	53
68	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. <i>Science</i> , 2018, 362, .	12.6	117
69	Identification and characterization of a conservative <i>W</i> chromosome-linked circRNA in half-smooth tongue sole ( <i>Cynoglossus semilaevis</i> ) reveal its female-biased expression in immune organs. <i>Fish and Shellfish Immunology</i> , 2018, 82, 531-535.	3.6	27
70	Derepression of co-silenced tumor suppressor genes by nanoparticle-loaded circular ssDNA reduces tumor malignancy. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	23
71	Twist1 Regulates Vimentin through Cul2 Circular RNA to Promote EMT in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2018, 78, 4150-4162.	0.9	245
72	Synthesis and discovery of a drug candidate for treatment of idiopathic pulmonary fibrosis through inhibition of TGF- $\beta$ 1 pathway. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 229-247.	5.5	21

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73	Protease-activated receptor-1 (PAR1) promotes epithelial-endothelial transition through Twist1 in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 185.	8.6	16
74	A novel Anti-Cancer Stem Cells compound optimized from the natural symplostatin 4 scaffold inhibits Wnt/ $\beta$ -catenin signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 21-42.	5.5	12
75	Structural Insight into Nucleoprotein Conformation Change Chaperoned by VP35 Peptide in Marburg Virus. <i>Journal of Virology</i> , 2017, 91, .	3.4	27
76	Thymidine phosphorylase promotes metastasis and serves as a marker of poor prognosis in hepatocellular carcinoma. <i>Laboratory Investigation</i> , 2017, 97, 903-912.	3.7	16
77	Structural basis for conductance through TRIC cation channels. <i>Nature Communications</i> , 2017, 8, 15103.	12.8	12
78	Unexpected decarboxamidation of $\beta$ -arylsulfonyl Weinreb amides by Grignard reagents: Synthesis of $\beta$ -disubstituted arylsulfones. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 213-220.	2.6	1
79	Hsp90 $\alpha$ promoted endothelial cell-dependent tumor angiogenesis in hepatocellular carcinoma. <i>Molecular Cancer</i> , 2017, 16, 72.	19.2	45
80	Doxycycline directly targets PAR1 to suppress tumor progression. <i>Oncotarget</i> , 2017, 8, 16829-16842.	1.8	30
81	Phenytol silver: a new nanocompound for promoting dermal wound healing via comprehensive pharmacological action. <i>Theranostics</i> , 2017, 7, 425-435.	10.0	8
82	Apigenin inhibits colonic inflammation and tumorigenesis by suppressing STAT3-NF- $\kappa$ B signaling. <i>Oncotarget</i> , 2017, 8, 100216-100226.	1.8	71
83	Doxycycline attenuates paraquat-induced pulmonary fibrosis by downregulating the TGF- $\beta$ signaling pathway. <i>Journal of Thoracic Disease</i> , 2017, 9, 4376-4386.	1.4	16
84	Sesquiterpene binding Gly-Leu-Ser/Lys- $\alpha$ -co-adaptation pocket to inhibit lung cancer cell epithelial-mesenchymal transition. <i>Oncotarget</i> , 2017, 8, 70192-70203.	1.8	4
85	Doxycycline inhibits breast cancer EMT and metastasis through PAR-1/NF- $\kappa$ B/miR-17/E-cadherin pathway. <i>Oncotarget</i> , 2017, 8, 104855-104866.	1.8	39
86	Dihydroartemisinin inhibits EMT induced by platinum-based drugs via Akt-Snail pathway. <i>Oncotarget</i> , 2017, 8, 103815-103827.	1.8	18
87	Dihydroartemisinin attenuates autoimmune thyroiditis by inhibiting the CXCR3/PI3K/AKT/NF- $\kappa$ B signaling pathway. <i>Oncotarget</i> , 2017, 8, 115028-115040.	1.8	16
88	Sulforaphane Analogues with Heterocyclic Moieties: Syntheses and Inhibitory Activities against Cancer Cell Lines. <i>Molecules</i> , 2016, 21, 514.	3.8	10
89	Novel Podophyllotoxin Derivatives as Partial PPAR $\gamma$ Agonists and their Effects on Insulin Resistance and Type 2 Diabetes. <i>Scientific Reports</i> , 2016, 6, 37323.	3.3	6
90	Problems and Solutions in Click Chemistry Applied to Drug Probes. <i>Scientific Reports</i> , 2016, 6, 35579.	3.3	10

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91	Syntheses and biological evaluation of 1,2,3-triazole and 1,3,4-oxadiazole derivatives of imatinib. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1419-1427.	2.2	32
92	A Ligand-observed Mass Spectrometry Approach Integrated into the Fragment Based Lead Discovery Pipeline. <i>Scientific Reports</i> , 2015, 5, 8361.	3.3	28
93	Doxycycline reverses epithelial-to-mesenchymal transition and suppresses the proliferation and metastasis of lung cancer cells. <i>Oncotarget</i> , 2015, 6, 40667-40679.	1.8	55
94	Synthesis and biological evaluation of novel saccharin derivatives containing 1,2,3-triazole moiety. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 71-77.	2.6	8
95	Baicalin Inhibits the Lethality of Ricin in Mice by Inducing Protein Oligomerization. <i>Journal of Biological Chemistry</i> , 2015, 290, 12899-12907.	3.4	12
96	Prediction of host - pathogen protein interactions between <i>Mycobacterium tuberculosis</i> and <i>Homo sapiens</i> using sequence motifs. <i>BMC Bioinformatics</i> , 2015, 16, 100.	2.6	51
97	Structural and Functional Diversity of Nairovirus-Encoded Nucleoproteins. <i>Journal of Virology</i> , 2015, 89, 11740-11749.	3.4	27
98	Baicalin Inhibits the Lethality of Shiga-Like Toxin 2 in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7054-7060.	3.2	15
99	Synthesis and biological evaluation of novel 1,2-benzisothiazol-3-one-derived 1,2,3-triazoles as caspase-3 inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 1814-1829.	2.4	11
100	1,2-Benzisothiazol-3-one derivatives as a novel class of small-molecule caspase-3 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2416-2426.	3.0	17
101	Synthesis, modification and docking studies of 5-sulfonyl isatin derivatives as SARS-CoV 3C-like protease inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 292-302.	3.0	77
102	Assessment of BAK1 activity in different plant receptor-like kinase complexes by quantitative profiling of phosphorylation patterns. <i>Journal of Proteomics</i> , 2014, 108, 484-493.	2.4	32
103	Synthesis and characterization of pyrazoleanthrone derivatives as Aurora A kinase inhibitors. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 1098-1103.	2.6	0
104	Synthesis and Biological Evaluation of Quinolinone Compounds as SARS CoV 3CL <sup>pro</sup> Inhibitors. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1199-1206.	4.9	5
105	Apigenin inhibits NF- $\kappa$ B and Snail signaling, EMT and metastasis in human hepatocellular carcinoma. <i>Oncotarget</i> , 0, 7, 41421-41431.	1.8	80