

Guo-Yuan Zhu

List of Publications by Year in descending order

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82
papers

2,215
citations

186265

28
h-index

265206

42
g-index

85
all docs

85
docs citations

85
times ranked

2920
citing authors

#	ARTICLE	IF	CITATIONS
1	Apigenin suppresses the stem cell-like properties of triple-negative breast cancer cells by inhibiting YAP/TAZ activity. <i>Cell Death Discovery</i> , 2018, 4, 105.	4.7	88
2	Gomisin A alters substrate interaction and reverses P-glycoprotein-mediated multidrug resistance in HepG2-DR cells. <i>Biochemical Pharmacology</i> , 2006, 72, 824-837.	4.4	79
3	A natural product-like inhibitor of NEDD8-activating enzyme. <i>Chemical Communications</i> , 2011, 47, 2511.	4.1	75
4	Saussurea involucrata: A review of the botany, phytochemistry and ethnopharmacology of a rare traditional herbal medicine. <i>Journal of Ethnopharmacology</i> , 2015, 172, 44-60.	4.1	67
5	Comparative analysis of diosgenin in Dioscorea species and related medicinal plants by UPLC-DAD-MS. <i>BMC Biochemistry</i> , 2014, 15, 19.	4.4	64
6	Phyllanthus urinaria extract attenuates acetaminophen induced hepatotoxicity: Involvement of cytochrome P450 CYP2E1. <i>Phytomedicine</i> , 2009, 16, 751-760.	5.3	59
7	Magnolol suppresses NF- κ B activation and NF- κ B regulated gene expression through inhibition of I κ B kinase activation. <i>Molecular Immunology</i> , 2007, 44, 2647-2658.	2.2	58
8	Schisandrol A from Schisandra chinensis Reverses P-Glycoprotein-Mediated Multidrug Resistance by Affecting Pgp-Substrate Complexes. <i>Planta Medica</i> , 2007, 73, 212-220.	1.3	55
9	Reversal of multidrug resistance in cancer cells by Rhizoma Alismatis extract. <i>Phytomedicine</i> , 2007, 14, 160-165.	5.3	55
10	1 α ,25-Dihydroxyvitamin D3 inhibits transcriptional potential of nuclear factor kappa B in breast cancer cells. <i>Molecular Immunology</i> , 2010, 47, 1728-1738.	2.2	52
11	Proteomic identification of proteins involved in the anticancer activities of oridonin in HepG2 cells. <i>Phytomedicine</i> , 2011, 18, 163-169.	5.3	51
12	Methoxylation of 3 α ,4 α -aromatic side chains improves P-glycoprotein inhibitory and multidrug resistance reversal activities of 7,8-pyranocoumarin against cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3694-3703.	3.0	50
13	In vivo anti-tumour activity of corilagin on Hep3B hepatocellular carcinoma. <i>Phytomedicine</i> , 2010, 18, 11-15.	5.3	49
14	Protopanaxatriol-Type Ginsenosides from the Root of Panax ginseng. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 200-205.	5.2	49
15	Genistein inhibits angiogenesis developed during rheumatoid arthritis through the IL-6/JAK2/STAT3/VEGF signalling pathway. <i>Journal of Orthopaedic Translation</i> , 2020, 22, 92-100.	3.9	48
16	20(S)-Protopanaxadiol, a metabolite of ginsenosides, induced cell apoptosis through endoplasmic reticulum stress in human hepatocarcinoma HepG2 cells. <i>European Journal of Pharmacology</i> , 2011, 668, 88-98.	3.5	47
17	Comprehensive chemical analysis of Venenum Bufonis by using liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 210-220.	2.8	47
18	(\pm)-3 α -O, 4 α -O-dicynnamoyl-cis-khellactone, a derivative of (\pm)-praeruptorin A, reverses P-glycoprotein mediated multidrug resistance in cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7138-7145.	3.0	44

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19	Luteolin suppresses epithelial-mesenchymal transition and migration of triple-negative breast cancer cells by inhibiting YAP/TAZ activity. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110462.	5.6	44
20	Structure-Based Repurposing of FDA-Approved Drugs as TNF- α Inhibitors. <i>ChemMedChem</i> , 2011, 6, 765-768.	3.2	43
21	7-deacetylgedunin suppresses inflammatory responses through activation of Keap1/Nrf2/HO-1 signaling. <i>Oncotarget</i> , 2017, 8, 55051-55063.	1.8	41
22	Phenolic Constituents Isolated from the Twigs of <i>Cinnamomum cassia</i> and Their Potential Neuroprotective Effects. <i>Journal of Natural Products</i> , 2018, 81, 1333-1342.	3.0	40
23	The Herbal Compound Cryptotanshinone Restores Sensitivity in Cancer Cells That Are Resistant to the Tumor Necrosis Factor-related Apoptosis-inducing Ligand. <i>Journal of Biological Chemistry</i> , 2013, 288, 29923-29933.	3.4	39
24	In Vitro Anti-Influenza Virus Activities of a New Lignan Glycoside from the Latex of <i>Calotropis gigantea</i> . <i>PLoS ONE</i> , 2014, 9, e104544.	2.5	38
25	Cardenolides from <i>Calotropis gigantea</i> as potent inhibitors of hypoxia-inducible factor-1 transcriptional activity. <i>Journal of Ethnopharmacology</i> , 2016, 194, 930-936.	4.1	37
26	Cytotoxic Dehydromonacolin from Red Yeast Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 934-939.	5.2	36
27	Cytotoxic Cycloartane Triterpene Saponins from <i>Actaea asiatica</i> . <i>Journal of Natural Products</i> , 2006, 69, 1500-1502.	3.0	33
28	1,25-Dihydroxyvitamin D ₃ induces biphasic NF- κ B responses during HL-60 leukemia cells differentiation through protein induction and PI3K/Akt-dependent phosphorylation/degradation of I κ B. <i>Experimental Cell Research</i> , 2007, 313, 1722-1734.	2.6	33
29	Aggreganoids, Carbon-Bridged Sesquiterpenoid Dimers and Trimers from <i>Lindera aggregata</i> . <i>Organic Letters</i> , 2019, 21, 5753-5756.	4.6	29
30	Inhibition of cytochrome P450 3A4 activity by schisandrol A and gomisins A isolated from <i>Fructus Schisandrae chinensis</i> . <i>Phytomedicine</i> , 2010, 17, 702-705.	5.3	28
31	Alistonitrine A, a Caged Monoterpene Indole Alkaloid from <i>Alstonia scholaris</i> . <i>Organic Letters</i> , 2014, 16, 1080-1083.	4.6	28
32	Oridonin induces G2/M cell cycle arrest and apoptosis through MAPK and p53 signaling pathways in HepG2 cells. <i>Oncology Reports</i> , 2010, 24, .	2.6	26
33	Furanodienone inhibits cell proliferation and survival by suppressing ER α signaling in human breast cancer MCF-7 cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 217-224.	2.6	26
34	2-Epi-uscharin from the Latex of <i>Calotropis gigantea</i> with HIF-1 Inhibitory Activity. <i>Scientific Reports</i> , 2014, 4, 4748.	3.3	25
35	Triterpenoids from the stems of <i>Tripterygium regelii</i> . <i>Fä-toterapÄ-t</i> , 2016, 113, 69-73.	2.2	25
36	C-17 Lactam-Bearing Limonoids from the Twigs and Leaves of <i>Amoora tsangii</i> . <i>Journal of Natural Products</i> , 2014, 77, 983-989.	3.0	24

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37	Limonoids from the fruits of <i>Melia toosendan</i> and their NF- κ B modulating activities. <i>Phytochemistry</i> , 2014, 107, 175-181.	2.9	23
38	Acylated Protopanaxadiol-Type Ginsenosides from the Root of <i>Panax ginseng</i> . <i>Chemistry and Biodiversity</i> , 2011, 8, 1853-1863.	2.1	22
39	PLGA/ β 2-TCP composite scaffold incorporating cucurbitacin B promotes bone regeneration by inducing angiogenesis. <i>Journal of Orthopaedic Translation</i> , 2021, 31, 41-51.	3.9	22
40	Furanodienone induces cell cycle arrest and apoptosis by suppressing EGFR/HER2 signaling in HER2-overexpressing human breast cancer cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 68, 1315-1323.	2.3	21
41	Linderalides A–D, Disesquiterpenoid–Geranylbenzofuranone Conjugates from <i>Lindera aggregata</i> . <i>Journal of Organic Chemistry</i> , 2019, 84, 8242-8247.	3.2	21
42	Downregulation of Hypoxia-Inducible Factor-1 α by RNA Interference Alleviates the Development of Collagen-Induced Arthritis in Rats. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1330-1342.	5.1	21
43	Immunosuppressive Decalin Derivatives from Red Yeast Rice. <i>Journal of Natural Products</i> , 2012, 75, 567-571.	3.0	20
44	Gossypol overcomes EGFR-TKIs resistance in non-small cell lung cancer cells by targeting YAP/TAZ and EGFR L858R/T790M. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108860.	5.6	20
45	Dihydro- β -agarofuran sesquiterpene polyesters isolated from the stems of <i>Tripterygium regelii</i> . <i>Fitoterapia</i> , 2016, 112, 1-8.	2.2	19
46	Phytochemical and chemotaxonomic studies on the twigs of <i>Cinnamomum cassia</i> (Lauraceae). <i>Biochemical Systematics and Ecology</i> , 2018, 81, 45-48.	1.3	19
47	Two New Alkaloids from the Roots of <i>Baphicacanthus cusia</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1505-1508.	1.3	18
48	HSCC-based strategy for preparative separation of in vivo metabolites after administration of an herbal medicine: <i>Saussurea laniceps</i> , a case study. <i>Scientific Reports</i> , 2016, 6, 33036.	3.3	18
49	(\pm)-Sativamides A and B, Two Pairs of Racemic Nor-Lignanamide Enantiomers from the Fruits of <i>Cannabis sativa</i> . <i>Journal of Organic Chemistry</i> , 2018, 83, 2376-2381.	3.2	18
50	Identification of a new pyruvate kinase M2 isoform (PKM2) activator for the treatment of non-small-cell lung cancer (NSCLC). <i>Chemical Biology and Drug Design</i> , 2018, 92, 1851-1858.	3.2	17
51	7-deacetyl-gedunin suppresses proliferation of Human rheumatoid arthritis synovial fibroblast through activation of Nrf2/ARE signaling. <i>International Immunopharmacology</i> , 2022, 107, 108557.	3.8	17
52	Phenanthroindolizidine alkaloids from <i>Tylophora atrofolliculata</i> with hypoxia-inducible factor-1 (HIF-1) inhibitory activity. <i>RSC Advances</i> , 2016, 6, 79958-79967.	3.6	16
53	Dimacrolide Sesquiterpene Pyridine Alkaloids from the Stems of <i>Tripterygium regelii</i> . <i>Molecules</i> , 2016, 21, 1146.	3.8	15
54	Synthesis and evaluation of novel 12-aryl berberine analogues with hypoxia-inducible factor-1 inhibitory activity. <i>RSC Advances</i> , 2017, 7, 26921-26929.	3.6	15

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55	Proteomic and Functional Analyses Reveal the Potential Involvement of Endoplasmic Reticulum Stress and Î±-CP1 in the Anticancer Activities of Oridonin in HepG2 Cells. Integrative Cancer Therapies, 2011, 10, 160-167.	2.0	14
56	3â€²-O, 4â€²-O-aromatic acyl substituted 7,8-pyranocoumarins: a new class of P-glycoprotein modulators. Journal of Pharmacy and Pharmacology, 2011, 64, 90-100.	2.4	14
57	Alkylphenols from the Roots of <i>Ardisia brevicaulis</i> Induce G1 Arrest and Apoptosis through Endoplasmic Reticulum Stress Pathway in Human Non-small-cell Lung Cancer Cells. Chemical and Pharmaceutical Bulletin, 2012, 60, 1029-1036.	1.3	14
58	Novel Use of Silymarin as Delayed Therapy for Acetaminophen-Induced Acute Hepatic Injury. Research in Complementary Medicine, 2010, 17, 209-213.	2.2	13
59	Inhibition of IKK-Î² by epidioxysterols from the flowers of Calotropis gigantea (Niu jiao gua). Chinese Medicine, 2016, 11, 9.	4.0	13
60	New Abietane and Kaurane Type Diterpenoids from the Stems of Tripterygium regelii. International Journal of Molecular Sciences, 2017, 18, 147.	4.1	13
61	Linderaggrenolides Aâ€”N, Oxygen-Conjugated Sesquiterpenoid Dimers from the Roots of <i>Lindera aggregata</i>. ACS Omega, 2021, 6, 5898-5909.	3.5	13
62	Bioactive cyclohexene derivatives from a mangrove-derived fungus Cladosporium sp. JMM22. FÃ¼rterapÃ¤Ã¶, 2021, 149, 104823.	2.2	13
63	Toosendanin, a novel potent vacuolar-type H⁺-translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy. International Journal of Biological Sciences, 2022, 18, 2684-2702.	6.4	12
64	Monoterpenoid indole alkaloids from the leaves of Alstonia scholaris and their NF-Î²B inhibitory activity. FÃ¼rterapÃ¤Ã¶, 2018, 124, 73-79.	2.2	11
65	Non-classical cardenolides from Calotropis gigantea exhibit anticancer effect as HIF-1 inhibitors. Bioorganic Chemistry, 2021, 109, 104740.	4.1	11
66	Macrolide sesquiterpene pyridine alkaloids from the stems of Tripterygium regelii. Journal of Natural Medicines, 2019, 73, 23-33.	2.3	10
67	Novel Fatty Acid in Cordyceps Suppresses Influenza A (H1N1) Virus-Induced Proinflammatory Response Through Regulating Innate Signaling Pathways. ACS Omega, 2021, 6, 1505-1515.	3.5	10
68	Linderanoids Aâ€”O, dimeric sesquiterpenoids from the roots of Lindera aggregata (Sims) Kosterm. Phytochemistry, 2021, 191, 112924.	2.9	10
69	(Â±)-Atrachinenins Aâ€”C, Three Pairs of Caged ²⁷Meroterpenoids from the Rhizomes of <i>Atractylodes chinensis</i>. Chinese Journal of Chemistry, 2022, 40, 460-466.	4.9	10
70	Monoterpene-flavonoid conjugates from Sarcandra glabra and their autophagy modulating activities. Bioorganic Chemistry, 2021, 112, 104830.	4.1	9
71	Chemical constituents of Actaea asiatica Hara and their anti-osteoporosis activities. Biochemical Systematics and Ecology, 2006, 34, 710-713.	1.3	8
72	Validated Quantitative ¹H NMR Method for Simultaneous Quantification of Indole Alkaloids in <i>Uncaria rhynchophylla</i>. ACS Omega, 2021, 6, 31810-31817.	3.5	8

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73	Cryptolepine suppresses breast adenocarcinoma via inhibition of HIF-1 mediated glycolysis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113319.	5.6	7
74	A new pyranoxanthone from the stem of <i>Calophyllum membranaceum</i> . <i>Arkivoc</i> , 2008, 2008, 249-254.	0.5	6
75	Exploring a novel triptolide derivative possess anti-colitis effect via regulating T cell differentiation. <i>International Immunopharmacology</i> , 2021, 94, 107472.	3.8	5
76	Calycindaphines Aâ€‘J, <i>Daphniphyllum</i> alkaloids from the roots of <i>Daphniphyllum calycinum</i>. <i>RSC Advances</i> , 2021, 11, 9057-9066.	3.6	4
77	Chromones and indolinone alkaloids from <i>Actaea asiatica</i> Hara. <i>Biochemical Systematics and Ecology</i> , 2007, 35, 467-469.	1.3	3
78	Amide Derivatives of Ginkgolide B and Their Inhibitory Effects on PAF-Induced Platelet Aggregation. <i>ACS Omega</i> , 2021, 6, 22497-22503.	3.5	3
79	Oriented Layered Graphene Oxide Pad Favoring High Loading Capacity and Stability for Highâ€‘Throughput Chemical Screening. <i>Advanced Materials Technologies</i> , 0, , 2101586.	5.8	3
80	A phenanthroindolizidine glycoside with HIF-1 inhibitory activity from <i>Tylophora atrofoliculata</i> . <i>Phytochemistry Letters</i> , 2019, 31, 39-42.	1.2	2
81	A novel oxoisoaporphine-type alkaloid from the rhizome of <i>Menispermum dauricum</i>. <i>Journal of Asian Natural Products Research</i> , 2022, , 1-7.	1.4	1
82	HPLC-MS Analysis of Phenolic Constituents of <i>Phyllanthus Amarus</i> . , 2007, , 81-84.		0