

# Dongdong Zhang

## List of Publications by Year in descending order

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73  
papers

1,835  
citations

279701

23  
h-index

289141

40  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical impedance spectroscopy for study of aptamer-thrombin interfacial interactions. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1624-1630.	5.3	148
2	Label-free electrochemical DNA biosensor array for simultaneous detection of the HIV-1 and HIV-2 oligonucleotides incorporating different hairpin-DNA probes and redox indicator. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1088-1094.	5.3	124
3	Application of multielectrode array modified with carbon nanotubes to simultaneous amperometric determination of dihydroxybenzene isomers. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 113-121.	4.0	114
4	Graphene oxide/poly-L-lysine assembled layer for adhesion and electrochemical impedance detection of leukemia K562 cancer cells. <i>Biosensors and Bioelectronics</i> , 2013, 42, 112-118.	5.3	107
5	Electrodeposited reduced graphene oxide incorporating polymerization of L-lysine on electrode surface and its application in simultaneous electrochemical determination of ascorbic acid, dopamine and uric acid. <i>Materials Science and Engineering C</i> , 2017, 70, 241-249.	3.8	91
6	Label-free and sensitive faradic impedance aptasensor for the determination of lysozyme based on target-induced aptamer displacement. <i>Biosensors and Bioelectronics</i> , 2009, 25, 94-99.	5.3	90
7	Berberine inhibits the proliferation and migration of breast cancer ZR-75-30 cells by targeting Ephrin-B2. <i>Phytomedicine</i> , 2017, 25, 45-51.	2.3	62
8	Sanguinarine inhibits epithelial-mesenchymal transition via targeting HIF-1/TGF- $\beta$ 2 feed-forward loop in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 939.	2.7	57
9	Electrochemical Behavior and Voltammetric Determination of Curcumin at Electrochemically Reduced Graphene Oxide Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2016, 28, 749-756.	1.5	45
10	Voltammetric Determination of Folic Acid Using Adsorption of Methylene Blue onto Electrodeposited of Reduced Graphene Oxide Film Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2016, 28, 312-319.	1.5	44
11	Electrodeposited poly(3,4-ethylenedioxythiophene) doped with graphene oxide for the simultaneous voltammetric determination of ascorbic acid, dopamine and uric acid. <i>Mikrochimica Acta</i> , 2020, 187, 94.	2.5	44
12	Preparation, characterization, and application of electrochemically functional graphene nanocomposites by one-step liquid-phase exfoliation of natural flake graphite with methylene blue. <i>Nano Research</i> , 2012, 5, 875-887.	5.8	38
13	Electrochemically functional graphene nanostructure and layer-by-layer nanocomposite incorporating adsorption of electroactive methylene blue. <i>Electrochimica Acta</i> , 2012, 75, 71-79.	2.6	35
14	Sensitive Voltammetric Determination of Baicalein at Thermally Reduced Graphene Oxide Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2013, 25, 2136-2144.	1.5	34
15	DNA-affibody nanoparticles for inhibiting breast cancer cells overexpressing HER2. <i>Chemical Communications</i> , 2017, 53, 573-576.	2.2	34
16	Cantharidin treatment inhibits hepatocellular carcinoma development by regulating the JAK2/STAT3 and PI3K/Akt pathways in an EphB4-dependent manner. <i>Pharmacological Research</i> , 2020, 158, 104868.	3.1	34
17	Preparation of a glassy carbon electrode modified with reduced graphene oxide and overoxidized electropolymerized polypyrrole, and its application to the determination of dopamine in the presence of ascorbic acid and uric acid. <i>Mikrochimica Acta</i> , 2019, 186, 407.	2.5	32
18	Steroidal glycosides from <i>Reineckia carnea</i> . <i>FÄ-toterapÄ-t</i> , 2015, 105, 240-245.	1.1	27

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19	Direct electrochemistry of glucose oxidase based on one step electrodeposition of reduced graphene oxide incorporating polymerized l-lysine and its application in glucose sensing. <i>Materials Science and Engineering C</i> , 2019, 104, 109880.	3.8	27
20	Antiproliferative activity and SARs of caffeic acid esters with mono-substituted phenylethanols moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 131-134.	1.0	26
21	<i>Eupolyphaga sinensis</i> Walker displays inhibition on hepatocellular carcinoma through regulating cell growth and metastasis signaling. <i>Scientific Reports</i> , 2014, 4, 5518.	1.6	24
22	Steroidal Saponins from the Roots and Rhizomes of <i>Tupistra chinensis</i> . <i>Molecules</i> , 2015, 20, 13659-13669.	1.7	24
23	Lignans from <i>Isatis indigotica</i> roots and their inhibitory effects on nitric oxide production. <i>FÄ-toterapÄ-c</i> , 2019, 137, 104189.	1.1	24
24	WWOX activation by toosendanin suppresses hepatocellular carcinoma metastasis through JAK2/Stat3 and Wnt/ $\beta$ -catenin signaling. <i>Cancer Letters</i> , 2021, 513, 50-62.	3.2	24
25	Alkaloids with Nitric Oxide Inhibitory Activities from the Roots of <i>Isatis tinctoria</i> . <i>Molecules</i> , 2019, 24, 4033.	1.7	23
26	Four undescribed sulfur-containing indole alkaloids with nitric oxide inhibitory activities from <i>Isatis tinctoria</i> L. roots. <i>Phytochemistry</i> , 2020, 174, 112337.	1.4	23
27	Overoxidized poly(3,4-ethylenedioxythiophene)â€“gold nanoparticlesâ€“graphene-modified electrode for the simultaneous detection of dopamine and uric acid in the presence of ascorbic acid. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 699-708.	2.4	23
28	Two new pregnane glycosides from <i>Reineckia carnea</i> . <i>Phytochemistry Letters</i> , 2016, 15, 142-146.	0.6	22
29	Layered Sulfur Nanosheets Prepared by Assembly of Sulfur Quantum Dots: Implications for Wide Optical Absorption and Multiwavelength Photoluminescence. <i>ACS Applied Nano Materials</i> , 2020, 3, 10749-10756.	2.4	22
30	Brucine suppresses colon cancer cells growth <i>via</i> mediating <i>KDR</i> signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1316-1324.	1.6	20
31	Anti-diabetic potential of <i>Pueraria lobata</i> root extract through promoting insulin signaling by PTP1B inhibition. <i>Bioorganic Chemistry</i> , 2019, 87, 12-15.	2.0	20
32	Sanguinarine disrupts the colocalization and interaction of HIF $\alpha$ with tyrosine and serine phosphorylated $\beta$ -STAT3 in breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3756-3761.	1.6	20
33	Sanguinarine impedes metastasis and causes inversion of epithelial to mesenchymal transition in breast cancer. <i>Phytomedicine</i> , 2021, 84, 153500.	2.3	20
34	<i>Schisandra sphenanthera</i> : A Comprehensive Review of its Botany, Phytochemistry, Pharmacology, and Clinical Applications. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 1577-1622.	1.5	20
35	Two new spirostanol saponins from the the roots and rhizomes of <i>Tupistra chinensis</i> . <i>Phytochemistry Letters</i> , 2015, 13, 6-10.	0.6	18
36	Real-time amperometric monitoring of cellular hydrogen peroxide based on electrodeposited reduced graphene oxide incorporating adsorption of electroactive methylene blue hybrid composites. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 60-67.	1.9	18

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37	Stable Layered Sulfur Nanosheets Prepared by One-Step Liquid-Phase Exfoliation of Natural Sublimed Sulfur with Bovine Serum Albumin for Photocatalysis. <i>Chemistry of Materials</i> , 2020, 32, 10476-10481.	3.2	18
38	Indole alkaloid glycosides from <i>Isatis tinctoria</i> roots. <i>Natural Product Research</i> , 2021, 35, 244-250.	1.0	16
39	Simultaneous voltammetric determination of ascorbic acid and uric acid using a seven-hole carbon nanotube paste multielectrode array. <i>Analytical Methods</i> , 2014, 6, 8965-8972.	1.3	15
40	Alkaloid Enantiomers from the Roots of <i>Isatis indigotica</i> . <i>Molecules</i> , 2019, 24, 3140.	1.7	15
41	Steroidal Constituents from Roots and Rhizomes of <i>Smilacina japonica</i> . <i>Molecules</i> , 2018, 23, 798.	1.7	14
42	Selenium sulfide disrupts the PLAGL2/Ca <sup>2+</sup> /MET/STAT3-induced resistance against mitochondrial apoptosis in hepatocellular carcinoma. <i>Clinical and Translational Medicine</i> , 2021, 11, e536.	1.7	13
43	Ephrin type-B receptor 4 affinity chromatography: An effective and rapid method studying the active compounds targeting Ephrin type-B receptor 4. <i>Journal of Chromatography A</i> , 2019, 1586, 82-90.	1.8	12
44	Isatisindigoticanine A, a novel indole alkaloid with an unrepresented carbon skeleton from the roots of <i>Isatis tinctoria</i> . <i>Natural Product Research</i> , 2021, 35, 1249-1255.	1.0	12
45	Potential roles of Centipede <i>Scolopendra</i> extracts as a strategy against EGFR-dependent cancers. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 39-52.	0.0	12
46	Novel compounds TAD-1822-7-F2 and F5 inhibited HeLa cells growth through the JAK/Stat signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 118-126.	2.5	10
47	Inhibitors of BRD4 protein from the roots of <i>Astilbe grandis</i> stapf ex E.H. Wilson. <i>Natural Product Research</i> , 2021, 35, 2044-2050.	1.0	10
48	Synthesis and biological evaluation of geniposide derivatives as potent and selective PTPIB inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 205, 112508.	2.6	9
49	Bisindole alkaloids with nitric oxide inhibitory activities from an alcohol extract of the <i>Isatis indigotica</i> roots. <i>FÄ-toterapÄ-Äç</i> , 2020, 146, 104654.	1.1	9
50	A novel tissue model for angiogenesis: evaluation of inhibitors or promoters in tissue level. <i>Scientific Reports</i> , 2015, 4, 3693.	1.6	8
51	Interactions between histamine H1 receptor and its antagonists by using cell membrane chromatography method. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1567-1574.	1.2	8
52	<i>Sinomenium acutum</i> : A Comprehensive Review of its Botany, Phytochemistry, Pharmacology and Clinical Application. <i>The American Journal of Chinese Medicine</i> , 2022, 50, 1219-1253.	1.5	8
53	Dihydroberberine exhibits synergistic effects with sunitinib on NSCLC NCI-H460 cells by repressing MAP kinase pathways and inflammatory mediators. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2573-2585.	1.6	7
54	Three new indole alkaloid glycosides with unusual structural features from the roots of <i>Isatis indigotica</i> . <i>Phytochemistry Letters</i> , 2020, 39, 168-172.	0.6	7

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55	Quassinoids and alkaloids from the stems of <i>Picrasma quassioides</i> with nitric oxide inhibitory activity. <i>Phytochemistry Letters</i> , 2020, 39, 68-72.	0.6	7
56	Dibenzocyclooctadiene lignans from the root bark of <i>Schisandra sphenanthera</i> . <i>Phytochemistry Letters</i> , 2021, 45, 137-141.	0.6	7
57	TPD7 inhibits the growth of cutaneous T cell lymphoma H9 cell through regulating IL-2R signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 984-995.	1.6	6
58	Web-based transcriptome analysis determines a sixteen-gene signature and associated drugs on hearing loss patients: A bioinformatics approach. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e24065.	0.9	6
59	HMQ-2 exert antitumour effects by upregulation of Axin in human cervical HeLa cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2955-2959.	1.6	5
60	A novel anthracene derivative with an asymmetric structure as an electron transport material for stable Rec. 2020 blue organic light-emitting diodes. <i>Journal of Information Display</i> , 2020, 21, 197-201.	2.1	5
61	Three new steroidal components from the roots of <i>reineckia carnea</i> . <i>Natural Product Research</i> , 2021, 35, 1159-1166.	1.0	5
62	Characterization of Interactions Between Taspine Derivate TPD7 and EGF Receptor by Cell Membrane Chromatography with Zonal Elution and Frontal Analysis. <i>Chromatographia</i> , 2016, 79, 1585-1592.	0.7	4
63	Four new indole alkaloids from the roots of <i>Isatis tinctoria</i> . <i>Natural Product Research</i> , 2022, 36, 312-318.	1.0	4
64	Picraquinines A1-C, three new phenolic derivatives from the stems of <i>Picrasma quassioides</i> . <i>Natural Product Research</i> , 2021, 35, 3687-3693.	1.0	4
65	Pregnane alkaloids with BRD4 inhibitory and cytotoxic activities from <i>Pachysandra terminalis</i> . <i>Phytochemistry Letters</i> , 2021, 45, 63-67.	0.6	4
66	Vandetanib drives growth arrest and promotes sensitivity to imatinib in chronic myeloid leukemia by targeting ephrin receptor 4. <i>Molecular Oncology</i> , 2022, 16, 2747-2765.	2.1	4
67	Design, synthesis and antitumor activities of thiazole-containing mitochondrial targeting agents. <i>Bioorganic Chemistry</i> , 2021, 115, 105271.	2.0	3
68	c-Myc plays a key role in TADs-induced apoptosis and cell cycle arrest in human hepatocellular carcinoma cells. <i>American Journal of Cancer Research</i> , 2015, 5, 1076-88.	1.4	3
69	Explore the effect of LLY-283 on the ototoxicity of auditory cells caused by cisplatin: A bioinformatic analysis based on RNA-seq. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24176.	0.9	3
70	Design, synthesis and biological evaluation of novel thiazole-derivatives as mitochondrial targeting inhibitors of cancer cells. <i>Bioorganic Chemistry</i> , 2021, 114, 105015.	2.0	2
71	Steroidal components from the roots and rhizomes of <i>Helleborus thibetanus</i> . <i>Phytochemistry Letters</i> , 2022, 50, 31-35.	0.6	2
72	Chemical constituents isolated from the roots and rhizomes of <i>Smilacina japonica</i> . <i>Biochemical Systematics and Ecology</i> , 2019, 86, 103920.	0.6	0

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73	Iridoids and lignans from <i>Valeriana officinalis</i> L. and their cytotoxic activities. <i>Phytochemistry Letters</i> , 2022, 49, 125-130.	0.6	0