

Yi Zang

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,221
citations

136950

32
h-index

161849

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92
all docs

92
docs citations

92
times ranked

4114
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoproteomics Reveals the AMPK Substrate Network in Response to DNA Damage and Histone Acetylation. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 597-613.	6.9	6
2	Inner nuclear membrane protein TMEM201 promotes breast cancer metastasis by positive regulating TGF β signaling. <i>Oncogene</i> , 2022, 41, 647-656.	5.9	8
3	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022, 67, 853-878.	9.0	110
4	Structurally diverse glycosides of secoiridoid, bisiridoid, and triterpene-bisiridoid conjugates from the flower buds of two Caprifoliaceae plants and their ATP-citrate lyase inhibitory activities. <i>Bioorganic Chemistry</i> , 2022, 120, 105630.	4.1	4
5	Targeted delivery of maytansine to liver cancer cells <i>via</i> galactose-modified supramolecular two-dimensional glycomaterial. <i>Chemical Communications</i> , 2022, 58, 5029-5032.	4.1	6
6	Phytochemical and biological studies on rare and endangered plants endemic to China. Part XXII. Structurally diverse diterpenoids from the leaves and twigs of the endangered conifer <i>Torreya jackii</i> and their bioactivities. <i>Phytochemistry</i> , 2022, 198, 113161.	2.9	3
7	Forrestiacids C and D, unprecedented triterpene-diterpene adducts from <i>Pseudotsuga forrestii</i> . <i>Chinese Chemical Letters</i> , 2022, 33, 4264-4268.	9.0	17
8	Structurally diverse mono-/dimeric triterpenoids from the vulnerable conifer <i>Pseudotsuga gaussenii</i> and their PTP1B inhibitory effects. The role of protecting species diversity in support of chemical diversity. <i>Bioorganic Chemistry</i> , 2022, 124, 105825.	4.1	9
9	Synthesis and Biochemical Evaluation of 8H-Indeno[1,2-d]thiazole Derivatives as Novel SARS-CoV-2 3CL Protease Inhibitors. <i>Molecules</i> , 2022, 27, 3359.	3.8	1
10	Metal-organic frameworks (MOFs) as host materials for the enhanced delivery of biomacromolecular therapeutics. <i>Chemical Communications</i> , 2021, 57, 12098-12110.	4.1	51
11	AMPK-mediated phosphorylation on 53BP1 promotes c-NHEJ. <i>Cell Reports</i> , 2021, 34, 108713.	6.4	23
12	Highly Oxygenated Triterpenoids and Diterpenoids from Fructus Rubi (<i>Rubus chingii</i> Hu) and Their NF- κ B Inhibitory Effects. <i>Molecules</i> , 2021, 26, 1911.	3.8	7
13	Long-Wavelength AIE-Based Fluorescent Probes for Mitochondria-Targeted Imaging and Photodynamic Therapy of Hepatoma Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 7016-7024.	4.6	15
14	Forrestiacids A and B, Pentaterpene Inhibitors of ACL and Lipogenesis: Extending the Limits of Computational NMR Methods in the Structure Assignment of Complex Natural Products. <i>Angewandte Chemie</i> , 2021, 133, 22444-22449.	2.0	0
15	Forrestiacids A and B, Pentaterpene Inhibitors of ACL and Lipogenesis: Extending the Limits of Computational NMR Methods in the Structure Assignment of Complex Natural Products. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22270-22275.	13.8	24
16	Small-molecule fluorescence-based probes for interrogating major organ diseases. <i>Chemical Society Reviews</i> , 2021, 50, 9391-9429.	38.1	176
17	A general strategy to the intracellular sensing of glycosidases using AIE-based glycoclusters. <i>Chemical Science</i> , 2021, 13, 247-256.	7.4	25
18	Beshanzoides D, unprecedented cycloheptanone-containing polyketides from <i>Penicillium commune</i> P-4-1, an endophytic fungus of the endangered conifer <i>Abies beshanzuensis</i> . <i>RSC Advances</i> , 2021, 11, 39781-39789.	3.6	8

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19	Phytochemical and biological studies on rare and endangered plants endemic to China. Part XV. Structurally diverse diterpenoids and sesquiterpenoids from the vulnerable conifer. <i>Phytochemistry</i> , 2020, 169, 112184.	2.9	28
20	Protein encapsulation: a new approach for improving the capability of small-molecule fluorogenic probes. <i>Chemical Science</i> , 2020, 11, 1107-1113.	7.4	49
21	Cyclodextrin-Based Peptide Self-Assemblies (Spds) That Enhance Peptide-Based Fluorescence Imaging and Antimicrobial Efficacy. <i>Journal of the American Chemical Society</i> , 2020, 142, 1925-1932.	13.7	36
22	Photochromic Fluorescent Probe Strategy for the Super-resolution Imaging of Biologically Important Biomarkers. <i>Journal of the American Chemical Society</i> , 2020, 142, 18005-18013.	13.7	118
23	Supramolecular Assembly of TPE-Based Glycoclusters with Dicyanomethylene-4-Hydroxypyran (DM) Fluorescent Probes Improve Their Properties for Peroxynitrite Sensing and Cell Imaging. <i>Chemistry - A European Journal</i> , 2020, 26, 14445-14452.	3.3	8
24	Selective and sensitive fluorescence imaging reveals microenvironment-dependent behavior of NO modulators in the endothelial system. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 466-472.	5.3	1
25	The design of a novel near-infrared fluorescent HDAC inhibitor and image of tumor cells. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115639.	3.0	6
26	Stewartiacids A-N, C-23 carboxylated triterpenoids from Chinese <i>Stewartia</i> and their inhibitory effects against ATP-citrate lyase and NF- κ B. <i>RSC Advances</i> , 2020, 10, 3343-3356.	3.6	8
27	Self-Assembled 2D Glycoclusters for the Targeted Delivery of Theranostic Agents to Triple-Negative Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22181-22187.	8.0	15
28	Self-Assembled Thin-Layer Glycomaterials With a Proper Shell Thickness for Targeted and Activatable Cell Imaging. <i>Frontiers in Chemistry</i> , 2019, 7, 294.	3.6	1
29	Sensors, Imaging Agents, and Theranostics to Help Understand and Treat Reactive Oxygen Species Related Diseases. <i>Small Methods</i> , 2019, 3, 1900013.	8.6	72
30	Targeted photoswitchable imaging of intracellular glutathione by a photochromic glycosheet sensor. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2380-2389.	2.2	3
31	Fluorescence imaging of a potential diagnostic biomarker for breast cancer cells using a peptide-functionalized fluorogenic 2D material. <i>Chemical Communications</i> , 2019, 55, 13235-13238.	4.1	7
32	Supramolecular glyco-poly-cyclodextrin functionalized thin-layer manganese dioxide for targeted stimulus-responsive bioimaging. <i>Chemical Communications</i> , 2018, 54, 4037-4040.	4.1	11
33	AMPK regulates anaphase central spindle length by phosphorylation of KIF4A. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 2-17.	3.3	14
34	Supramolecular Polymer Dot Ensemble for Ratiometric Detection of Lectins and Targeted Delivery of Imaging Agents. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3272-3276.	8.0	12
35	Design, synthesis and biological evaluation of thienopyrimidine hydroxamic acid based derivatives as structurally novel histone deacetylase (HDAC) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 293-299.	5.5	19
36	Graphene oxide-enhanced cytoskeleton imaging and mitosis tracking. <i>Chemical Communications</i> , 2017, 53, 3373-3376.	4.1	7

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37	GPCR Activation and Endocytosis Induced by a 2D Material Agonist. ACS Applied Materials & Interfaces, 2017, 9, 14709-14715.	8.0	9
38	An ultrasensitive fluorogenic probe for revealing the role of glutathione in chemotherapy resistance. Chemical Science, 2017, 8, 8012-8018.	7.4	48
39	Supramolecular assembly of fluorogenic glyco-dots from perylene-diimide-based glycoclusters for targeted imaging of cancer cells. Chemical Communications, 2017, 53, 11937-11940.	4.1	13
40	Remote light-controlled intracellular target recognition by photochromic fluorescent glycoprobes. Nature Communications, 2017, 8, 987.	12.8	141
41	Supramolecular core-glycoshell polythiophene nanodots for targeted imaging and photodynamic therapy. Chemical Communications, 2017, 53, 9793-9796.	4.1	21
42	D-A-D fluorogenic probe for the rapid imaging of amyloid β plaques in vivo. Dyes and Pigments, 2017, 136, 224-228.	3.7	19
43	Fluorescent glycoprobes: a sweet addition for improved sensing. Chemical Communications, 2017, 53, 82-90.	4.1	62
44	Targeted multimodal theranostics via biorecognition controlled aggregation of metallic nanoparticle composites. Chemical Science, 2016, 7, 4004-4008.	7.4	43
45	Plasma levels of growth differentiation factor-15 are associated with myocardial injury in patients undergoing off-pump coronary artery bypass grafting. Scientific Reports, 2016, 6, 28221.	3.3	17
46	Carbohydrate CuAAC click chemistry for therapy and diagnosis. Carbohydrate Research, 2016, 429, 1-22.	2.3	109
47	Design and synthesis of benzylpiperidine inhibitors targeting the menin-MLL1 interface. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4472-4476.	2.2	9
48	Targeted Intracellular Production of Reactive Oxygen Species by a 2D Molybdenum Disulfide Glycosheet. Advanced Materials, 2016, 28, 9356-9363.	21.0	108
49	A supramolecular pyrenyl glycoside-coated 2D MoS ₂ composite electrode for selective cell capture. Chemical Communications, 2016, 52, 11689-11692.	4.1	13
50	Photoswitchable arene ruthenium and pentamethylcyclopentadienyl rhodium complexes containing o-sulfonamide azobenzene ligands: Synthesis, characterization and cytotoxicity. Journal of Organometallic Chemistry, 2016, 820, 111-119.	1.8	11
51	Regulation of Ubiquitin-like with Plant Homeodomain and RING Finger Domain 1 (UHRF1) Protein Stability by Heat Shock Protein 90 Chaperone Machinery. Journal of Biological Chemistry, 2016, 291, 20125-20135.	3.4	27
52	Foldable glycoprobes capable of fluorogenic crosslinking of biomacromolecules. Chemical Science, 2016, 7, 6325-6329.	7.4	32
53	Targeted fluorescence imaging enhanced by 2D materials: a comparison between 2D MoS ₂ and graphene oxide. Chemical Communications, 2016, 52, 9418-9421.	4.1	21
54	Development of a novel H ₂ S and GSH detection cocktail for fluorescence imaging. RSC Advances, 2016, 6, 59882-59888.	3.6	3

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55	N-Oxyamide-linked glyco glycerolipid coated AuNPs for receptor-targeting imaging and drug delivery. <i>Chemical Communications</i> , 2016, 52, 2284-2287.	4.1	16
56	Interlocked supramolecular glycoconjugated polymers for receptor-targeting theranostics. <i>Chemical Communications</i> , 2016, 52, 3821-3824.	4.1	17
57	Identification of Bisindolylmaleimide IX as a potential agent to treat drug-resistant BCR-ABL positive leukemia. <i>Oncotarget</i> , 2016, 7, 69945-69960.	1.8	3
58	A near-infrared fluorescent probe for rapid detection of hydrogen peroxide in living cells. <i>Tetrahedron</i> , 2015, 71, 4842-4845.	1.9	39
59	Receptor-targeting fluorescence imaging and theranostics using a graphene oxide based supramolecular glyco composite. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9182-9185.	5.8	33
60	Protein Kinase A Rescues Microtubule Affinity-regulating Kinase 2-induced Microtubule Instability and Neurite Disruption by Phosphorylating Serine 409. <i>Journal of Biological Chemistry</i> , 2015, 290, 3149-3160.	3.4	9
61	Selective fluorogenic imaging of hepatocellular H ₂ S by a galactosyl azidonaphthalimide probe. <i>Chemical Communications</i> , 2015, 51, 3653-3655.	4.1	121
62	Dynamic tracking of pathogenic receptor expression of live cells using pyrenyl glycoanthraquinone-decorated graphene electrodes. <i>Chemical Science</i> , 2015, 6, 1996-2001.	7.4	40
63	Design, synthesis and biological evaluation of isoquinoline-based derivatives as novel histone deacetylase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5881-5890.	3.0	17
64	Functional Role of Histidine in the Conserved His-x-Asp Motif in the Catalytic Core of Protein Kinases. <i>Scientific Reports</i> , 2015, 5, 10115.	3.3	16
65	Glycosylation enhances the aqueous sensitivity and lowers the cytotoxicity of a naphthalimide zinc ion fluorescence probe. <i>Chemical Communications</i> , 2015, 51, 11852-11855.	4.1	59
66	Mixed galactolipid anomers accentuate apoptosis of multiple myeloma cells by inducing DNA damage. <i>Carbohydrate Research</i> , 2015, 408, 114-118.	2.3	8
67	Design, synthesis and biological evaluation of colchicine derivatives as novel tubulin and histone deacetylase dual inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 127-135.	5.5	69
68	Probing disease-related proteins with fluorogenic composite materials. <i>Chemical Society Reviews</i> , 2015, 44, 4239-4248.	38.1	108
69	A "Clicked"™ Tetrameric Hydroxamic Acid Glycopeptidomimetic Antagonizes Sugar-Lectin Interactions On The Cellular Level. <i>Scientific Reports</i> , 2015, 4, 5513.	3.3	18
70	Hepatoma-selective imaging of heavy metal ions using a "clicked"™ galactosylrhodamine probe. <i>Chemical Communications</i> , 2014, 50, 11735-11737.	4.1	69
71	One-Step Click Engineering Considerably Ameliorates the Practicality of an Unqualified Rhodamine Probe. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19600-19605.	8.0	42
72	Design, synthesis and biological evaluation of 4-anilinothieno[2,3-d]pyrimidine-based hydroxamic acid derivatives as novel histone deacetylase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6146-6155.	3.0	24

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73	Fluorogenic Resveratrol-Confined Graphene Oxide For Economic and Rapid Detection Of Alzheimer's Disease. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5379-5382.	8.0	79
74	Target-Specific Imaging of Transmembrane Receptors Using Quinonyl Glycosides Functionalized Quantum Dots. <i>Analytical Chemistry</i> , 2014, 86, 5502-5507.	6.5	35
75	Involvement of transcription factor XBP1s in the resistance of HDAC6 inhibitor Tubastatin A to superoxidation via acetylation-mediated proteasomal degradation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 433-439.	2.1	14
76	Identification of a new bis-amino acid glycoside selectively toxic to multiple myeloma cells. <i>Carbohydrate Research</i> , 2014, 394, 39-42.	2.3	3
77	Substitution Pattern Reverses the Fluorescence Response of Coumarin Glycoligands upon Coordination with Silver (I). <i>Scientific Reports</i> , 2014, 4, 4252.	3.3	34
78	Revisit of a dipropargyl rhodamine probe reveals its alternative ion sensitivity in both a solution and live cells. <i>Analyst</i> , 2013, 138, 7087.	3.5	14
79	The discovery of colchicine-SAHA hybrids as a new class of antitumor agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3240-3244.	3.0	61
80	Fluorogenic Probing of Specific Recognitions between Sugar Ligands and Glycoprotein Receptors on Cancer Cells by an Economic Graphene Nanocomposite. <i>Advanced Materials</i> , 2013, 25, 4097-4101.	21.0	113
81	Capturing intercellular sugar-mediated ligand-receptor recognitions via a simple yet highly biospecific interfacial system. <i>Scientific Reports</i> , 2013, 3, 2293.	3.3	41
82	Quantitative Proteomic Analysis of Membrane Proteins Involved in Astroglial Differentiation of Neural Stem Cells by SILAC Labeling Coupled with LC-MS/MS. <i>Journal of Proteome Research</i> , 2012, 11, 829-838.	3.7	25
83	5'-AMP-activated protein kinase (AMPK) regulates progesterone receptor transcriptional activity in breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 172-177.	2.1	6
84	miR-200 Inhibits Lung Adenocarcinoma Cell Invasion and Metastasis by Targeting <i>Flt1/VEGFR1</i> . <i>Molecular Cancer Research</i> , 2011, 9, 25-35.	3.4	166
85	Structural insights into the homology and differences between mouse protein tyrosine phosphatase-sigma and human protein tyrosine phosphatase-sigma. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 977-988.	2.0	7
86	The Notch ligand Jagged2 promotes lung adenocarcinoma metastasis through a miR-200-dependent pathway in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1373-1385.	8.2	172
87	AMP-activated Protein Kinase Is Involved in Neural Stem Cell Growth Suppression and Cell Cycle Arrest by 5-Aminoimidazole-4-carboxamide-1- β -D-ribofuranoside and Glucose Deprivation by Down-regulating Phospho-retinoblastoma Protein and Cyclin D. <i>Journal of Biological Chemistry</i> , 2009, 284, 6175-6184.	3.4	45
88	LGH00031, a novel ortho-quinonoid inhibitor of cell division cycle 25B, inhibits human cancer cells via ROS generation. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 1359-1368.	6.1	20
89	Discovery and characterization of a novel inhibitor of CDC25B, LGH000451. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 1268-1274.	6.1	8
90	AICAR Induces Astroglial Differentiation of Neural Stem Cells via Activating the JAK/STAT3 Pathway Independently of AMP-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 2008, 283, 6201-6208.	3.4	56