

Hongbo Guo

List of Publications by Year in descending order

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54
papers

4,555
citations

218677

26
h-index

168389

53
g-index

57
all docs

57
docs citations

57
times ranked

9864
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle Size and Surface Chemistry Determine Serum Protein Adsorption and Macrophage Uptake. <i>Journal of the American Chemical Society</i> , 2012, 134, 2139-2147.	13.7	1,601
2	Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles. <i>ACS Nano</i> , 2014, 8, 2439-2455.	14.6	693
3	Secreted Biomolecules Alter the Biological Identity and Cellular Interactions of Nanoparticles. <i>ACS Nano</i> , 2014, 8, 5515-5526.	14.6	225
4	DNA-Nanostructure-Gold-Nanorod Hybrids for Enhanced In Vivo Optoacoustic Imaging and Photothermal Therapy. <i>Advanced Materials</i> , 2016, 28, 10000-10007.	21.0	185
5	Discovery of a chemical probe for the L3MBTL3 methyllysine reader domain. <i>Nature Chemical Biology</i> , 2013, 9, 184-191.	8.0	160
6	Multiparameter functional diversity of human C2H2 zinc finger proteins. <i>Genome Research</i> , 2016, 26, 1742-1752.	5.5	131
7	A Global Analysis of the Receptor Tyrosine Kinase-Protein Phosphatase Interactome. <i>Molecular Cell</i> , 2017, 65, 347-360.	9.7	123
8	Global landscape of cell envelope protein complexes in <i>Escherichia coli</i> . <i>Nature Biotechnology</i> , 2018, 36, 103-112.	17.5	110
9	Assessment of a method to characterize antibody selectivity and specificity for use in immunoprecipitation. <i>Nature Methods</i> , 2015, 12, 725-731.	19.0	109
10	Enterovirus D68 receptor requirements unveiled by haploid genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1399-1404.	7.1	86
11	TrpC5 Mediates Acute Leptin and Serotonin Effects via Pomc Neurons. <i>Cell Reports</i> , 2017, 18, 583-592.	6.4	75
12	RPRD1A and RPRD1B are human RNA polymerase II C-terminal domain scaffolds for Ser5 dephosphorylation. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 686-695.	8.2	72
13	Human-Chromatin-Related Protein Interactions Identify a Demethylase Complex Required for Chromosome Segregation. <i>Cell Reports</i> , 2014, 8, 297-310.	6.4	72
14	A Fluorinated Bola-Amphiphilic Dendrimer for On-Demand Delivery of siRNA, via Specific Response to Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2016, 26, 8594-8603.	14.9	56
15	Optimal fertilizer application for <i>Panax notoginseng</i> and effect of soil water on root rot disease and saponin contents. <i>Journal of Ginseng Research</i> , 2016, 40, 38-46.	5.7	52
16	Hydrogen Peroxide Is Involved in Salicylic Acid-Elicited Rosmarinic Acid Production in <i>Salvia miltiorrhiza</i> Cell Cultures. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	48
17	Silica retention in the Three Gorges Reservoir. <i>Biogeochemistry</i> , 2013, 112, 209-228.	3.5	43
18	Role of enhanced receptor engagement in the evolution of a pandemic acute hemorrhagic conjunctivitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 397-402.	7.1	43

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19	Accumulation of saponins in <i>Panax notoginseng</i> during its growing seasons. <i>Industrial Crops and Products</i> , 2017, 104, 287-292.	5.2	42
20	Prophylactic cranial irradiation improved the overall survival of patients with surgically resected small cell lung cancer, but not for stage I disease. <i>Lung Cancer</i> , 2014, 86, 334-338.	2.0	38
21	<i>Ir111</i> in <i>Pomc</i> Neurons Is Required for Thermogenesis and Glycemia. <i>Diabetes</i> , 2017, 66, 663-673.	0.6	38
22	Determining composition of micron-scale protein deposits in neurodegenerative disease by spatially targeted optical microproteomics. <i>ELife</i> , 2015, 4, .	6.0	38
23	Impact interaction of in-flight high-energy molten volcanic ash droplets with jet engines. <i>Acta Materialia</i> , 2019, 171, 119-131.	7.9	37
24	Global phosphoproteomic profiling reveals perturbed signaling in a mouse model of dilated cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12592-12597.	7.1	35
25	In Vivo 3-Dimensional Radiopharmaceutical-Excited Fluorescence Tomography. <i>Journal of Nuclear Medicine</i> , 2017, 58, 169-174.	5.0	34
26	FZD4 Marks Lateral Plate Mesoderm and Signals with NORRIN to Increase Cardiomyocyte Induction from Pluripotent Stem Cell-Derived Cardiac Progenitors. <i>Stem Cell Reports</i> , 2018, 10, 87-100.	4.8	32
27	Identification of Residues That Affect Oligomerization and/or Enzymatic Activity of Influenza Virus H5N1 Neuraminidase Proteins. <i>Journal of Virology</i> , 2016, 90, 9457-9470.	3.4	31
28	Mitochondrial KATP Channels Control Glioma Radioresistance by Regulating ROS-Induced ERK Activation. <i>Molecular Neurobiology</i> , 2015, 52, 626-637.	4.0	28
29	Anti-miR-155 oligonucleotide enhances chemosensitivity of U251 cell to taxol by inducing apoptosis. <i>Cell Biology International</i> , 2012, 36, 653-659.	3.0	26
30	Identification of Direct Target Engagement Biomarkers for Kinase-Targeted Therapeutics. <i>PLoS ONE</i> , 2011, 6, e26459.	2.5	25
31	C9a and ZNF644 Physically Associate to Suppress Progenitor Gene Expression during Neurogenesis. <i>Stem Cell Reports</i> , 2016, 7, 454-470.	4.8	24
32	Feasibility of Elective Nodal Irradiation (ENI) and Involved Field Irradiation (IFI) in Radiotherapy for the Elderly Patients (Aged \geq 70 Years) with Esophageal Squamous Cell Cancer: A Retrospective Analysis from a Single Institute. <i>PLoS ONE</i> , 2015, 10, e0143007.	2.5	24
33	Salicylic acid-induced cytosolic acidification increases the accumulation of phenolic acids in <i>Salvia miltiorrhiza</i> cells. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 333-341.	2.3	22
34	Calcium Mobilization in Salicylic Acid-Induced <i>Salvia miltiorrhiza</i> Cell Cultures and Its Effect on the Accumulation of Rosmarinic Acid. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2689-2702.	2.9	21
35	Risk factors of brain metastasis during the course of EGFR-TKIs therapy for patients with EGFR-mutated advanced lung adenocarcinoma. <i>Oncotarget</i> , 2016, 7, 81906-81917.	1.8	20
36	Hydrogen Peroxide and Nitric Oxide are Involved in Salicylic Acid-Induced Salvianolic Acid B Production in <i>Salvia miltiorrhiza</i> Cell Cultures. <i>Molecules</i> , 2014, 19, 5913-5924.	3.8	18

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37	Comparative study on volatile oils of four Panax genus species in Southeast Asia by gas chromatography–mass spectrometry. <i>Industrial Crops and Products</i> , 2015, 74, 478-484.	5.2	17
38	Identification of Amplified Fragment Length Polymorphism (AFLP) Markers Tightly Associated with Drought Stress Gene in Male Sterile and Fertile <i>Salvia miltiorrhiza</i> Bunge. <i>International Journal of Molecular Sciences</i> , 2013, 14, 6518-6528.	4.1	12
39	Expression and characterization of recombinant chicken mannose binding lectin. <i>Immunobiology</i> , 2017, 222, 518-528.	1.9	12
40	Wild <i>Panax vietnamensis</i> and <i>Panax stipuleanatus</i> markedly increase the genetic diversity of <i>Panax notoginseng</i> (Araliaceae) revealed by start codon targeted (SCoT) markers and ITS DNA barcode. <i>Biochemical Systematics and Ecology</i> , 2016, 66, 37-42.	1.3	11
41	A Dominant Gene for Male Sterility in <i>Salvia miltiorrhiza</i> Bunge. <i>PLoS ONE</i> , 2012, 7, e50903.	2.5	10
42	Increased serum carcinoembryonic antigen level can predict poor survival of patients with small cell lung cancer. <i>Translational Research</i> , 2015, 166, 355-365.	5.0	10
43	Clinical outcomes of elderly patients (≥70 years) with resectable esophageal squamous cell carcinoma who underwent esophagectomy or chemoradiotherapy. <i>Medicine (United States)</i> , 2016, 95, e5630.	1.0	10
44	Thoracic radiation therapy could give survival benefit to elderly patients with extensive-stage small-cell lung cancer. <i>Future Oncology</i> , 2017, 13, 1149-1158.	2.4	10
45	Nutritional composition of Sanchi (<i>Panax notoginseng</i>) seed and its potential for industrial use. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 663-667.	1.6	9
46	Facile synthesis of a novel magnetic covalent organic frameworks for extraction and determination of five fungicides in Chinese herbal medicines. <i>Journal of Separation Science</i> , 2022, 45, 2344-2355.	2.5	8
47	Carbon Storage Patterns of <i>Caragana korshinskii</i> in Areas of Reduced Environmental Moisture on the Loess Plateau, China. <i>Scientific Reports</i> , 2016, 6, 28883.	3.3	6
48	Interleukin-2 Enhances the Regulatory Functions of CD4 ⁺ T Cell-Derived CD8 ⁺ Double Negative T Cells. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 499-505.	1.2	6
49	\$M\$-Ary RFID Tags Splitting With Small Idle Slots. <i>IEEE Transactions on Automation Science and Engineering</i> , 2011, , .	5.2	4
50	Physiological and transcriptome analysis reveal molecular mechanism in <i>Salvia miltiorrhiza</i> leaves of near-isogenic male fertile lines and male sterile lines. <i>BMC Genomics</i> , 2019, 20, 780.	2.8	4
51	iTRAQ-based proteomic analysis reveals several key metabolic pathways associated with male sterility in <i>Salvia miltiorrhiza</i> . <i>RSC Advances</i> , 2020, 10, 16959-16970.	3.6	4
52	Development of Microsatellite Markers Derived from Expressed Sequence Tags of Polyporales for Genetic Diversity Analysis of Endangered <i>Polyporus umbellatus</i> . <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	3
53	Isolation of high quality RNA from <i>Polyporus umbellatus</i> (Pers.) Fries. <i>Electronic Journal of Biotechnology</i> , 2012, 15, .	2.2	2
54	Ultrasound-assisted extraction of bergenin from <i>Astilbe chinensis</i> . <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 893-899.	1.6	0