

Guang Yang

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,560
citations

430874

18
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

2535
citing authors

#	ARTICLE	IF	CITATIONS
1	A heterozygous moth genome provides insights into herbivory and detoxification. <i>Nature Genetics</i> , 2013, 45, 220-225.	21.4	472
2	Redox-responsive polyanhydride micelles for cancer therapy. <i>Biomaterials</i> , 2014, 35, 3080-3090.	11.4	127
3	CRISPR/Cas9 mediated knockout of the abdominal-A homeotic gene in the global pest, diamondback moth (<i>Plutella xylostella</i>). <i>Insect Biochemistry and Molecular Biology</i> , 2016, 75, 98-106.	2.7	111
4	Water-induced shape-memory poly(d,l-lactide)/microcrystalline cellulose composites. <i>Carbohydrate Polymers</i> , 2014, 104, 101-108.	10.2	85
5	Multi-stimuli sensitive shape memory poly(vinyl alcohol)-graft-polyurethane. <i>Polymer Chemistry</i> , 2013, 4, 4461.	3.9	68
6	<i>Phyllotreta striolata</i> (Coleoptera: Chrysomelidae): Arginine kinase cloning and RNAi-based pest control. <i>European Journal of Entomology</i> , 2008, 105, 815-822.	1.2	60
7	Facet dependent binding and etching: Ultra-sensitive colorimetric visualization of blood uric acid by unmodified silver nanoprisms. <i>Biosensors and Bioelectronics</i> , 2014, 59, 227-232.	10.1	55
8	Hydroxysafflor yellow a protects brain microvascular endothelial cells against oxygen glucose deprivation/reoxygenation injury: Involvement of inhibiting autophagy via class I PI3K/Akt/mTOR signaling pathway. <i>Brain Research Bulletin</i> , 2018, 140, 243-257.	3.0	47
9	Stepwise dual targeting and dual responsive polymer micelles for mitochondrion therapy. <i>Journal of Controlled Release</i> , 2020, 322, 157-169.	9.9	45
10	A Multifunctional Micellar Nanoplatfom with pH-Triggered Cell Penetration and Nuclear Targeting for Effective Cancer Therapy and Inhibition to Lung Metastasis. <i>Advanced Healthcare Materials</i> , 2018, 7, e1700974.	7.6	37
11	Enhancing the Accumulation of Polymer Micelles by Selectively Dilating Tumor Blood Vessels with NO for Highly Effective Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2018, 7, e1801094.	7.6	37
12	Tetramethylpyrazine Protects Against Oxygen-Glucose Deprivation-Induced Brain Microvascular Endothelial Cells Injury via Rho/Rho-kinase Signaling Pathway. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 619-633.	3.3	35
13	Geniposidic acid ameliorates spatial learning and memory deficits and alleviates neuroinflammation via inhibiting HMGB-1 and downregulating TLR4/2 signaling pathway in APP/PS1 mice. <i>European Journal of Pharmacology</i> , 2020, 869, 172857.	3.5	35
14	Functional characterization of Pol III U6 promoters for gene knockdown and knockout in <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 89, 71-78.	2.7	29
15	Safflower yellow attenuates learning and memory deficits in amyloid β -induced Alzheimer's disease rats by inhibiting neuroglia cell activation and inflammatory signaling pathways. <i>Metabolic Brain Disease</i> , 2019, 34, 927-939.	2.9	25
16	Safflower Yellow Improves Synaptic Plasticity in APP/PS1 Mice by Regulating Microglia Activation Phenotypes and BDNF/TrkB/ERK Signaling Pathway. <i>NeuroMolecular Medicine</i> , 2020, 22, 341-358.	3.4	23
17	Enantioselective Synthesis of Chiral Carboxylic Acids from Alkynes and Formic Acid by Nickel-Catalyzed Cascade Reactions: Facile Synthesis of Profens. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	22
18	Laser Induced Breakdown Spectroscopy Based on Single Beam Splitting and Geometric Configuration for Effective Signal Enhancement. <i>Scientific Reports</i> , 2015, 5, 7625.	3.3	21

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19	A Luteolin-Loaded Electrospun Fibrous Implantable Device for Potential Therapy of Gout Attacks. <i>Macromolecular Bioscience</i> , 2016, 16, 1598-1609.	4.1	21
20	Transdermal Drug Delivery for Hair Regrowth. <i>Molecular Pharmaceutics</i> , 2021, 18, 483-490.	4.6	21
21	Cover Crops Enhance Natural Enemies While Help Suppressing Pests in a Tea Plantation. <i>Annals of the Entomological Society of America</i> , 2019, 112, 348-355.	2.5	19
22	Silencing arginine kinase / integrin $\beta 1$ subunit by transgenic plant expressing dsRNA inhibits the development and survival of <i>Plutella xylostella</i> . <i>Pest Management Science</i> , 2020, 76, 1761-1771.	3.4	19
23	Identification and expression of complement component C8 α , C8 β and C8 γ gene in half-smooth tongue sole (<i>Cynoglossus semilaevis</i>) and C8 α recombinant protein antibacterial activity analysis. <i>Fish and Shellfish Immunology</i> , 2018, 72, 658-669.	3.6	16
24	A single-beam-splitting technique combined with a calibration-free method for field-deployable applications using laser-induced breakdown spectroscopy. <i>RSC Advances</i> , 2015, 5, 4537-4546.	3.6	14
25	Enantioselective Synthesis of Chiral Carboxylic Acids from Alkynes and Formic Acid by Nickel-Catalyzed Cascade Reactions: Facile Synthesis of Profens. <i>Angewandte Chemie</i> , 0, , .	2.0	14
26	De novo transcriptome sequencing of <i>Isaria cateniannulata</i> and comparative analysis of gene expression in response to heat and cold stresses. <i>PLoS ONE</i> , 2017, 12, e0186040.	2.5	12
27	Capturing Circulating Tumor Cells through a Combination of Hierarchical Nanotopography and Surface Chemistry. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2081-2088.	5.2	12
28	CRISPR/Cas9-mediated knockout of <i>LW</i> <i>opsin</i> reduces the efficiency of phototaxis in the diamondback moth <i>Plutella xylostella</i> . <i>Pest Management Science</i> , 2021, 77, 3519-3528.	3.4	12
29	The Combination of <i>Bacillus Thuringiensis</i> and Its Engineered Strain Expressing dsRNA Increases the Toxicity against <i>Plutella Xylostella</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 444.	4.1	11
30	Safflower Yellow Improves the Synaptic Structural Plasticity by Ameliorating the Disorder of Glutamate Circulation in A β 1-42-induced AD Model Rats. <i>Neurochemical Research</i> , 2020, 45, 1870-1887.	3.3	9
31	Identification and characterization of the <i>vasa</i> gene in the diamondback moth, <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 122, 103371.	2.7	9
32	Effects of safflower yellow on cholesterol levels in serum and brain tissue of APP/PS1 mice. <i>Metabolic Brain Disease</i> , 2021, 36, 557-569.	2.9	8
33	Cysteine-rich Proteins for Drug Delivery and Diagnosis. <i>Current Medicinal Chemistry</i> , 2019, 26, 1377-1388.	2.4	7
34	Single Longitudinal Mode Optofluidic Microring Laser Based on a Hollow-Core Microstructured Optical Fiber. <i>IEEE Photonics Journal</i> , 2017, 9, 1-10.	2.0	5
35	Drivers of changes in soil properties during post-fire succession on Dahurian larch forest. <i>Journal of Soils and Sediments</i> , 0, , 1.	3.0	5
36	Quantifying fire severity: a brief review and recommendations for improvement. <i>Ecosystem Health and Sustainability</i> , 2021, 7, .	3.1	5

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37	A mixture of <i>p</i> -anisaldehyde and ethyl nicotinate elicits positive antennal and behavioral responses in <i>Frankliniella occidentalis</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2022, 170, 603-611.	1.4	4
38	Spatial distribution of particulate matter 2.5 released from surface fuel combustion of <i>Pinus koraiensis</i> – A laboratory simulation study. <i>Environmental Pollution</i> , 2021, 287, 117282.	7.5	3
39	Tissue Engineering: The Control of Mesenchymal Stem Cell Differentiation Using Dynamically Tunable Surface Microgrooves (<i>Adv. Healthcare Mater.</i> 10/2014). <i>Advanced Healthcare Materials</i> , 2014, 3, 1692-1692.	7.6	0
40	Single mode excitation ring resonator dye laser based on simplified hollow-core microstructured optical fiber. , 2017, , .		0
41	Changes in water-soluble nitrogen and organic carbon in the post-fire litter layer of Dahurian larch forests. <i>Plant and Soil</i> , 2021, 464, 131-148.	3.7	0