

# 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	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
2	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
3	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
4	Transdermal Drug Delivery for Hair Regrowth. <i>Molecular Pharmaceutics</i> , 2021, 18, 483-490.	4.6	21
5	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
6	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
7	CRISPR/Cas9-mediated knockout of <i>LW</i> opsin 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
8	Quantifying fire severity: a brief review and recommendations for improvement. <i>Ecosystem Health and Sustainability</i> , 2021, 7, .	3.1	5
9	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
10	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
11	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
12	Safflower Yellow Improves the Synaptic Structural Plasticity by Ameliorating the Disorder of Glutamate Circulation in $\text{A}\beta 1-42$ -induced AD Model Rats. <i>Neurochemical Research</i> , 2020, 45, 1870-1887.	3.3	9
13	Stepwise dual targeting and dual responsive polymer micelles for mitochondrion therapy. <i>Journal of Controlled Release</i> , 2020, 322, 157-169.	9.9	45
14	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
15	Identification and characterization of the vasa gene in the diamondback moth, <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 122, 103371.	2.7	9
16	Cysteine-rich Proteins for Drug Delivery and Diagnosis. <i>Current Medicinal Chemistry</i> , 2019, 26, 1377-1388.	2.4	7
17	Safflower yellow attenuates learning and memory deficits in amyloid $\beta 2$ -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
18	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

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19	A Multifunctional Micellar Nanoplatform 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
20	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
21	Identification and expression of complement component C8 $\alpha$ , C8 $\beta$ and C8 $\gamma$ gene in half-smooth tongue sole ( <i>Cynoglossus semilaevis</i> ) and C8 $\alpha$ recombinant protein antibacterial activity analysis. <i>Fish and Shellfish Immunology</i> , 2018, 72, 658-669.	3.6	16
22	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
23	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
24	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
25	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
26	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
27	Single mode excitation ring resonator dye laser based on simplified hollow-core microstructured optical fiber. , 2017, , .		0
28	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
29	A Luteolin-Loaded Electrospun Fibrous Implantable Device for Potential Therapy of Gout Attacks. <i>Macromolecular Bioscience</i> , 2016, 16, 1598-1609.	4.1	21
30	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
31	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
32	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
33	Water-induced shape-memory poly(D,L-lactide)/microcrystalline cellulose composites. <i>Carbohydrate Polymers</i> , 2014, 104, 101-108.	10.2	85
34	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
35	Redox-responsive polyanhydride micelles for cancer therapy. <i>Biomaterials</i> , 2014, 35, 3080-3090.	11.4	127
36	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

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37	A heterozygous moth genome provides insights into herbivory and detoxification. <i>Nature Genetics</i> , 2013, 45, 220-225.	21.4	472
38	Multi-stimuli sensitive shape memory poly(vinyl alcohol)-graft-polyurethane. <i>Polymer Chemistry</i> , 2013, 4, 4461.	3.9	68
39	<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
40	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
41	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