

# Jun Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

428  
citations

9  
h-index

20  
g-index

35  
ext. papers

473  
ext. citations

4.3  
avg, IF

3.22  
L-index

#	Paper	IF	Citations
25	Insect group II chitinase OfChtII promotes chitin degradation during larva-pupa molting. <i>Insect Science</i> , <b>2021</b> , 28, 692-704	3.6	5
24	Preparation and characterization of chitosan/Nano-ZnO composite film with antimicrobial activity. <i>Bioprocess and Biosystems Engineering</i> , <b>2021</b> , 44, 1193-1199	3.7	7
23	Fabrication of gelatin microspheres containing ammonium hydrogen carbonate for the tunable release of herbicide. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 1747-1755	3	0
22	The Enhanced and Tunable Sustained Release of Pesticides Using Activated Carbon as a Carrier. <i>Materials</i> , <b>2019</b> , 12,	3.5	7
21	Biochemical characteristics of a nitroreductase with diverse substrate specificity from <i>Streptomyces mirabilis</i> DUT001. <i>Biotechnology and Applied Biochemistry</i> , <b>2019</b> , 66, 33-42	2.8	3
20	Design and synthesis of chitin synthase inhibitors as potent fungicides. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 1232-1237	8.1	4
19	Transformation pathway of 2,4,6-trinitrotoluene by <i>Escherichia coli</i> nitroreductases and improvement of activity using structure-based mutagenesis. <i>Process Biochemistry</i> , <b>2015</b> , 50, 705-711	4.8	9
18	Structural basis of <i>Escherichia coli</i> nitroreductase NfsB triple mutants engineered for improved activity and regioselectivity toward the prodrug CB1954. <i>Process Biochemistry</i> , <b>2015</b> , 50, 1760-1766	4.8	2
17	Altering the regioselectivity of a nitroreductase in the synthesis of arylhydroxylamines by structure-based engineering. <i>ChemBioChem</i> , <b>2015</b> , 16, 1219-25	3.8	11
16	A Multitarget Land Use Change Simulation Model Based on Cellular Automata and Its Application. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-11	0.7	8
15	Residue Phe42 is critical for the catalytic activity of <i>Escherichia coli</i> major nitroreductase NfsA. <i>Biotechnology Letters</i> , <b>2013</b> , 35, 1693-700	3	5
14	Purification and characterization of a nitroreductase from the soil bacterium <i>Streptomyces mirabilis</i> . <i>Process Biochemistry</i> , <b>2012</b> , 47, 720-724	4.8	7
13	Biotransformation of nitro-polycyclic aromatic compounds by vegetable and fruit cell extracts. <i>Journal of Zhejiang University: Science B</i> , <b>2012</b> , 13, 248-53	4.5	
12	The gene, expression pattern and subcellular localization of chitin synthase B from the insect <i>Ostrinia furnacalis</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 404, 302-7	3.4	24
11	Isolation and characterization of an efficient nitro-reducing bacterium, <i>Streptomyces mirabilis</i> DUT001, from soil. <i>World Journal of Microbiology and Biotechnology</i> , <b>2010</b> , 26, 855-862	4.4	8
10	Enantioselective reduction of fluorenones in surfactant-aqueous solution by fruits and vegetables. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2009</b> , 61, 284-288		11
9	Ecological risk assessment of genetically modified crops based on cellular automata modeling. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 1132-1136	17.8	7

8	Transient expression of minimum linear gene cassettes in onion epidermal cells via direct transformation. <i>Applied Biochemistry and Biotechnology</i> , <b>2009</b> , 159, 739-49	3.2	6
7	Apoptosis of BGC823 cell line induced by p-hydroxymethoxybenzobijuglone, a novel compound from <i>Juglans mandshurica</i> . <i>Phytotherapy Research</i> , <b>2009</b> , 23, 551-7	6.7	12
6	Optimization of soybean ( <i>Glycine max</i> (L.) Merrill) in planta ovary transformation using a linear minimal gus gene cassette. <i>Journal of Zhejiang University: Science B</i> , <b>2009</b> , 10, 870-6	4.5	12
5	Expression, purification and characterization of the chitinolytic beta-N-acetyl-D-hexosaminidase from the insect <i>Ostrinia furnacalis</i> . <i>Protein Expression and Purification</i> , <b>2009</b> , 68, 99-103	2	28
4	Tuning the intramolecular charge transfer of alkynylpyrenes: effect on photophysical properties and its application in design of OFF-ON fluorescent thiol probes. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 4855-65	4.2	225
3	Expression, purification and characterization of a thrombin-like enzyme from snake venom of <i>Gloydius shedaoensis</i> . <i>Journal of Biotechnology</i> , <b>2008</b> , 136, S210	3.7	
2	Cellular automata-based modeling and risk assessment of genetically modified crops with <i>Bacillus thuringiensis</i> (bt) genes. <i>Journal of Biotechnology</i> , <b>2008</b> , 136, S248	3.7	
1	High-rate evolution of <i>Saccharomyces sensu lato</i> chromosomes. <i>FEMS Yeast Research</i> , <b>2003</b> , 3, 363-73	3.1	27