

# Yong Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,062  
citations

516710

16  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

824  
citing authors

#	ARTICLE	IF	CITATIONS
1	Function of pH-dependent transcription factor PacC in regulating development, pathogenicity, and mycotoxin biosynthesis of phytopathogenic fungi. <i>FEBS Journal</i> , 2022, 289, 1723-1730.	4.7	25
2	Highly efficient removal of patulin using immobilized enzymes of <i>Pseudomonas aeruginosa</i> TF-06 entrapped in calcium alginate beads. <i>Food Chemistry</i> , 2022, 377, 131973.	8.2	17
3	Molecular mechanisms underlying multi-level defense responses of horticultural crops to fungal pathogens. <i>Horticulture Research</i> , 2022, 9, uhac066.	6.3	29
4	Application of -omic technologies in postharvest pathology: recent advances and perspectives. <i>Current Opinion in Food Science</i> , 2022, 45, 100820.	8.0	6
5	Sodium pyrosulfite inhibits the pathogenicity of <i>Botrytis cinerea</i> by interfering with antioxidant system and sulfur metabolism pathway. <i>Postharvest Biology and Technology</i> , 2022, 189, 111936.	6.0	8
6	Characterization of a short-chain dehydrogenase/reductase and its function in patulin biodegradation in apple juice. <i>Food Chemistry</i> , 2021, 348, 129046.	8.2	44
7	<i>PeMetR</i> -mediated sulfur assimilation is essential for virulence and patulin biosynthesis in <i>Penicillium expansum</i> . <i>Environmental Microbiology</i> , 2021, 23, 5555-5568.	3.8	10
8	DNA Methyltransferases Regulate Pathogenicity of <i>Botrytis cinerea</i> to Horticultural Crops. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 659.	3.5	7
9	Arginine Methyltransferase <i>PeRmtC</i> Regulates Development and Pathogenicity of <i>Penicillium expansum</i> via Mediating Key Genes in Conidiation and Secondary Metabolism. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 687.	3.8	10
10	Molecular basis and regulation of pathogenicity and patulin biosynthesis in <i>Penicillium expansum</i> . <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3416-3438.	11.7	66
11	Antagonistic Yeasts: A Promising Alternative to Chemical Fungicides for Controlling Postharvest Decay of Fruit. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 158.	3.5	79
12	Reactive oxygen species: A generalist in regulating development and pathogenicity of phytopathogenic fungi. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3344-3349.	4.1	62
13	Ribonucleoside Diphosphate Reductase Plays an Important Role in Patulin Degradation by <i>Enterobacter cloacae</i> subsp. <i>dissolvens</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5232-5240.	5.2	22
14	Dissection of patulin biosynthesis, spatial control and regulation mechanism in <i>Penicillium expansum</i> . <i>Environmental Microbiology</i> , 2019, 21, 1124-1139.	3.8	91
15	The pH-responsive PacC transcription factor plays pivotal roles in virulence and patulin biosynthesis in <i>Penicillium expansum</i> . <i>Environmental Microbiology</i> , 2018, 20, 4063-4078.	3.8	81
16	LaeA regulation of secondary metabolism modulates virulence in <i>Penicillium expansum</i> and is mediated by sucrose. <i>Molecular Plant Pathology</i> , 2017, 18, 1150-1163.	4.2	93
17	Biodegradation Mechanisms of Patulin in <i>Candida guilliermondii</i> : An iTRAQ-Based Proteomic Analysis. <i>Toxins</i> , 2017, 9, 48.	3.4	63
18	Pathogenicity Assay of <i>Penicillium expansum</i> on Apple Fruits. <i>Bio-protocol</i> , 2017, 7, e2264.	0.4	5

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19	Induction and Quantification of Patulin Production in <i>Penicillium</i> Species. <i>Bio-protocol</i> , 2017, 7, e2324.	0.4	1
20	A Tomato Vacuolar Invertase Inhibitor Mediates Sucrose Metabolism and Influences Fruit Ripening. <i>Plant Physiology</i> , 2016, 172, 1596-1611.	4.8	141
21	Genomic Characterization Reveals Insights Into Patulin Biosynthesis and Pathogenicity in <i>Penicillium</i> Species. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 635-647.	2.6	152
22	Mechanism of <i>Penicillium expansum</i> in response to exogenous nitric oxide based on proteomics analysis. <i>Journal of Proteomics</i> , 2014, 103, 47-56.	2.4	24
23	Ca <sup>2+</sup> -CaM regulating viability of <i>Candida guilliermondii</i> under oxidative stress by acting on detergent resistant membrane proteins. <i>Journal of Proteomics</i> , 2014, 109, 38-49.	2.4	23