

Abbas Maqbool

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5358063/publications.pdf>

Version: 2024-02-01

20
papers

1,662
citations

471371

17
h-index

713332

21
g-index

30
all docs

30
docs citations

30
times ranked

2627
citing authors

#	ARTICLE	IF	CITATIONS
1	An effector of the Irish potato famine pathogen antagonizes a host autophagy cargo receptor. <i>ELife</i> , 2016, 5, .	2.8	189
2	Effectors of Filamentous Plant Pathogens: Commonalities amid Diversity. <i>Microbiology and Molecular Biology Reviews</i> , 2017, 81, .	2.9	166
3	An N-terminal motif in NLR immune receptors is functionally conserved across distantly related plant species. <i>ELife</i> , 2019, 8, .	2.8	162
4	ATG8 Expansion: A Driver of Selective Autophagy Diversification?. <i>Trends in Plant Science</i> , 2017, 22, 204-214.	4.3	129
5	Polymorphic residues in rice NLRs expand binding and response to effectors of the blast pathogen. <i>Nature Plants</i> , 2018, 4, 576-585.	4.7	127
6	The substrate-binding protein in bacterial ABC transporters: dissecting roles in the evolution of substrate specificity. <i>Biochemical Society Transactions</i> , 2015, 43, 1011-1017.	1.6	115
7	Lessons in Effector and NLR Biology of Plant-Microbe Systems. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 34-45.	1.4	109
8	On the front line: structural insights into plantâ€“pathogen interactions. <i>Nature Reviews Microbiology</i> , 2013, 11, 761-776.	13.6	101
9	Structural Basis of Host Autophagy-related Protein 8 (ATG8) Binding by the Irish Potato Famine Pathogen Effector Protein PexRD54. <i>Journal of Biological Chemistry</i> , 2016, 291, 20270-20282.	1.6	74
10	Parasitic modulation of host development by ubiquitin-independent protein degradation. <i>Cell</i> , 2021, 184, 5201-5214.e12.	13.5	72
11	Plant pathogens convergently evolved to counteract redundant nodes of an NLR immune receptor network. <i>PLoS Biology</i> , 2021, 19, e3001136.	2.6	69
12	The Effects of Methionine Acquisition and Synthesis on <i>Streptococcus Pneumoniae</i> Growth and Virulence. <i>PLoS ONE</i> , 2013, 8, e49638.	1.1	60
13	Multiple variants of the fungal effector AVR-Pik bind the HMA domain of the rice protein OsHIPP19, providing a foundation to engineer plant defense. <i>Journal of Biological Chemistry</i> , 2021, 296, 100371.	1.6	57
14	N-terminal Î²-strand underpins biochemical specialization of an ATG8 isoform. <i>PLoS Biology</i> , 2019, 17, e3000373.	2.6	47
15	Effector gene birth in plant parasitic nematodes: Neofunctionalization of a housekeeping glutathione synthetase gene. <i>PLoS Genetics</i> , 2018, 14, e1007310.	1.5	44
16	Dynamic localization of a helper NLR at the plantâ€“pathogen interface underpins pathogen recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	36
17	Compensating Stereochemical Changes Allow Murein Tripeptide to Be Accommodated in a Conventional Peptide-binding Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 31512-31521.	1.6	33
18	A resistosome-activated â€“death switchâ€“™. <i>Nature Plants</i> , 2019, 5, 457-458.	4.7	20

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19	MpaA is a murein-tripeptide-specific zinc carboxypeptidase that functions as part of a catabolic pathway for peptidoglycan-derived peptides in <i>l3</i> -proteobacteria. <i>Biochemical Journal</i> , 2012, 448, 329-341.	1.7	12
20	The <i>Salmonella enterica</i> serovar Typhimurium virulence factor STM3169 is a hexuronic acid binding protein component of a TRAP transporter. <i>Microbiology (United Kingdom)</i> , 2020, 166, 981-987.	0.7	2