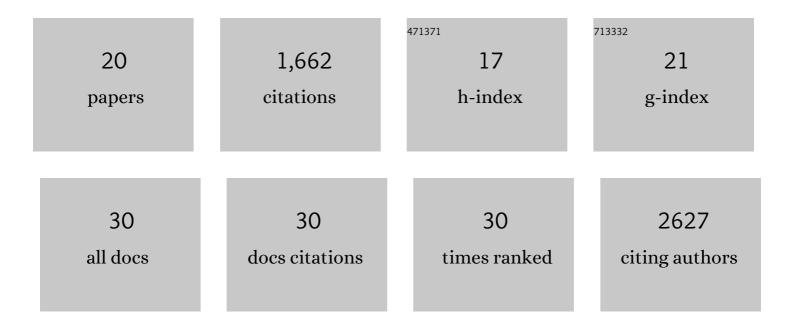
## Abbas Maqbool

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5358063/publications.pdf Version: 2024-02-01



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

#	Article	IF	CITATIONS
19	MpaA is a murein-tripeptide-specific zinc carboxypeptidase that functions as part of a catabolic pathway for peptidoglycan-derived peptides in Î <sup>3</sup> -proteobacteria. Biochemical Journal, 2012, 448, 329-341.	1.7	12
20	The Salmonella enterica serovar Typhimurium virulence factor STM3169 is a hexuronic acid binding protein component of a TRAP transporter. Microbiology (United Kingdom), 2020, 166, 981-987.	0.7	2