Tolga O Bozkurt

List of Publications by Year
in descending order

43 papers	7,089 citations	136950 32 h-index	254184 43 g-index
59 all docs	59 docs citations	59 times ranked	6937 citing authors

#	Article	IF	Citations
1	A bacterial effector counteracts host autophagy by promoting degradation of an autophagy component. EMBO Journal, 2022, 41, .	7.8	36
2	Host-interactor screens of Phytophthora infestans RXLR proteins reveal vesicle trafficking as a major effector-targeted process. Plant Cell, 2021, 33, 1447-1471.	6.6	46
3	An oomycete effector subverts host vesicle trafficking to channel starvation-induced autophagy to the pathogen interface. ELife, 2021, 10, .	6.0	33
4	Dynamic localization of a helper NLR at the plantâ€“pathogen interface underpins pathogen recognition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
5	Chloroplasts alter their morphology and accumulate at the pathogen interface during infection by Phytophthora infestans. Plant Journal, 2021, 107, 1771-1787.	5.7	25
6	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition	9.1	1,430
7	Pathogen manipulation of chloroplast function triggers a light-dependent immune recognition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9613-9620.	7.1	39
8	The plantâ€“pathogen haustorial interface at a glance. Journal of Cell Science, 2020, 133, .	2.0	40
9	Contrasting and emerging roles of autophagy in plant immunity. Current Opinion in Plant Biology, 2019, 52, 46-53.	7.1	58
10	N-terminal Î²-strand underpins biochemical specialization of an ATG8 isoform. PLoS Biology, 2019, 17, e3000373.	5.6	47
11	The fungal ribonuclease-like effector protein CSEP0064/BEC1054 represses plant immunity and interferes with degradation of host ribosomal RNA. PLoS Pathogens, 2019, 15, e1007620.	4.7	105
12	An N-terminal motif in NLR immune receptors is functionally conserved across distantly related plant species. ELife, 2019, 8, .	6.0	162
13	Modulation of plant autophagy during pathogen attack. Journal of Experimental Botany, 2018, 69, 1325-1333.	4.8	50
14	Host autophagy machinery is diverted to the pathogen interface to mediate focal defense responses against the Irish potato famine pathogen. ELife, 2018, 7, .	6.0	67
15	A Puccinia striiformis f. sp. tritici secreted protein activates plant immunity at the cell surface. Scientific Reports, 2017, 7, 1141.	3.3	43
16	NLR network mediates immunity to diverse plant pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8113-8118.	7.1	330
17	An effector of the Irish potato famine pathogen antagonizes a host autophagy cargo receptor. ELife, 2016, 5, .	6.0	189
18	Helper <scp>NLR</scp> proteins <scp>NRC</scp>2a/b and <scp>NRC</scp>3 but not <scp>NRC</scp>1 are required for Ptoâ€mediated cell death and resistance in Nicotiana benthamiana. New Phytologist, 2016, 209, 1344-1352.	7.3	92

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19	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.	3.4	74
20	Tomato I2 Immune Receptor Can Be Engineered to Confer Partial Resistance to the Oomycete Phytophthora infestans in Addition to the Fungus Fusarium oxysporum. Molecular Plant-Microbe Interactions, 2015, 28, 1316-1329.	2.6	80
21	Phytophthora infestans RXLR-WY Effector AVR3a Associates with Dynamin-Related Protein 2 Required for Endocytosis of the Plant Pattern Recognition Receptor FLS2. PLoS ONE, 2015, 10, e0137071.	2.5	78
22	A Recent Expansion of the RXLR Effector Gene Avrblb2 Is Maintained in Global Populations of Phytophthora infestans Indicating Different Contributions to Virulence. Molecular Plant-Microbe Interactions, 2015, 28, 901-912.	2.6	44
23	Fungal Sex Receptors Recalibrated to Detect Host Plants. Cell Host and Microbe, 2015, 18, 637-638.	11.0	1
24	Functional Divergence of Two Secreted Immune Proteases of Tomato. Current Biology, 2015, 25, 2300-2306.	3.9	72
25	Rerouting of Plant Late Endocytic Trafficking Toward a Pathogen Interface. Traffic, 2015, 16, 204-226.	2.7	103
26	Variation in Capsidiol Sensitivity between Phytophthora infestans and Phytophthora capsici Is Consistent with Their Host Range. PLoS ONE, 2014, 9, e107462.	2.5	19
27	The Plant Membrane-Associated REMORIN1.3 Accumulates in Discrete Perihaustorial Domains and Enhances Susceptibility to Phytophthora infestans Â Â. Plant Physiology, 2014, 165, 1005-1018.	4.8	116
28	Effector Specialization in a Lineage of the Irish Potato Famine Pathogen. Science, 2014, 343, 552-555.	12.6	179
29	The Irish Potato Famine Pathogen Phytophthora infestans Translocates the CRN8 Kinase into Host Plant Cells. PLoS Pathogens, 2012, 8, e1002875.	4.7	77
30	Host Protein BSL1 Associates with Phytophthora infestans RXLR Effector AVR2 and the Solanum demissum Immune Receptor R2 to Mediate Disease Resistance. Plant Cell, 2012, 24, 3420-3434.	6.6	130
31	Oomycetes, effectors, and all that jazz. Current Opinion in Plant Biology, 2012, 15, 483-492.	7.1	232
32	Phytophthora infestans effector AVRblb2 prevents secretion of a plant immune protease at the haustorial interface. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20832-20837.	7.1	285
33	Cellular and transcriptional responses of wheat during compatible and incompatible raceâ€specific interactions with Puccinia striiformis f. sp. tritici. Molecular Plant Pathology, 2010, 11, 625-640.	4.2	49
34	Recent developments in effector biology of filamentous plant pathogens. Cellular Microbiology, 2010, 12, 705-715.	2.1	108
35	Recent developments in effector biology of filamentous plant pathogens. Cellular Microbiology, 2010, 12, 1015-1015.	2.1	11
36	An Effector-Targeted Protease Contributes to Defense against Phytophthora infestans and Is under Diversifying Selection in Natural Hosts. Plant Physiology, 2010, 154, 1794-1804.	4.8	166

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37	Ancient class of translocated oomycete effectors targets the host nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17421-17426.	7.1	326
38	In Planta Expression Screens ofPhytophthora infestansRXLR Effectors Reveal Diverse Phenotypes, Including Activation of theSolanum bulbocastanumDisease Resistance Protein Rpi-blb2. Plant Cell, 2009, 21, 2928-2947.	6.6	376
39	Ten things to know about oomycete effectors. Molecular Plant Pathology, 2009, 10, 795-803.	4.2	185
40	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	27.8	1,405
41	Identification of differentially expressed transcripts from leaves of the boron tolerant plant Gypsophila perfoliata L.. Plant Cell Reports, 2008, 27, 1411-1422.	5.6	21
42	Genes associated with resistance to wheat yellow rust disease identified by differential display analysis. Physiological and Molecular Plant Pathology, 2007, 71, 251-259.	2.5	48
43	Isolation and sequence analysis of wheat NBS-LRR type disease resistance gene analogs using degenerate PCR primers. Biochemical Genetics, 2007, 45, 469-486.	1.7	13