

# Tolga O Bozkurt

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	1,430
2	Genome sequence and analysis of the Irish potato famine pathogen <i>Phytophthora infestans</i> . <i>Nature</i> , 2009, 461, 393-398.	27.8	1,405
3	In Planta Expression Screens of <i>Phytophthora infestans</i> RXLR Effectors Reveal Diverse Phenotypes, Including Activation of the <i>Solanum bulbocastanum</i> Disease Resistance Protein Rpi-blb2. <i>Plant Cell</i> , 2009, 21, 2928-2947.	6.6	376
4	NLR network mediates immunity to diverse plant pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8113-8118.	7.1	330
5	Ancient class of translocated oomycete effectors targets the host nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17421-17426.	7.1	326
6	<i>Phytophthora infestans</i> effector AVRblb2 prevents secretion of a plant immune protease at the haustorial interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20832-20837.	7.1	285
7	Oomycetes, effectors, and all that jazz. <i>Current Opinion in Plant Biology</i> , 2012, 15, 483-492.	7.1	232
8	An effector of the Irish potato famine pathogen antagonizes a host autophagy cargo receptor. <i>ELife</i> , 2016, 5, .	6.0	189
9	Ten things to know about oomycete effectors. <i>Molecular Plant Pathology</i> , 2009, 10, 795-803.	4.2	185
10	Effector Specialization in a Lineage of the Irish Potato Famine Pathogen. <i>Science</i> , 2014, 343, 552-555.	12.6	179
11	An Effector-Targeted Protease Contributes to Defense against <i>Phytophthora infestans</i> and Is under Diversifying Selection in Natural Hosts. <i>Plant Physiology</i> , 2010, 154, 1794-1804.	4.8	166
12	An N-terminal motif in NLR immune receptors is functionally conserved across distantly related plant species. <i>ELife</i> , 2019, 8, .	6.0	162
13	Host Protein BSL1 Associates with <i>Phytophthora infestans</i> RXLR Effector AVR2 and the <i>Solanum demissum</i> Immune Receptor R2 to Mediate Disease Resistance. <i>Plant Cell</i> , 2012, 24, 3420-3434.	6.6	130
14	The Plant Membrane-Associated REMORIN1.3 Accumulates in Discrete Perihaustorial Domains and Enhances Susceptibility to <i>Phytophthora infestans</i> . <i>Plant Physiology</i> , 2014, 165, 1005-1018.	4.8	116
15	Recent developments in effector biology of filamentous plant pathogens. <i>Cellular Microbiology</i> , 2010, 12, 705-715.	2.1	108
16	The fungal ribonuclease-like effector protein CSEP0064/BEC1054 represses plant immunity and interferes with degradation of host ribosomal RNA. <i>PLoS Pathogens</i> , 2019, 15, e1007620.	4.7	105
17	Rerouting of Plant Late Endocytic Trafficking Toward a Pathogen Interface. <i>Traffic</i> , 2015, 16, 204-226.	2.7	103
18	Helper NLR proteins NRC2a/b and NRC3 but not NRC1 are required for Pto-mediated cell death and resistance in <i>Nicotiana benthamiana</i> . <i>New Phytologist</i> , 2016, 209, 1344-1352.	7.3	92

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19	Tomato I2 Immune Receptor Can Be Engineered to Confer Partial Resistance to the Oomycete <i>Phytophthora infestans</i> in Addition to the Fungus <i>Fusarium oxysporum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1316-1329.	2.6	80
20	<i>Phytophthora infestans</i> RXLR-WY Effector AVR3a Associates with Dynamin-Related Protein 2 Required for Endocytosis of the Plant Pattern Recognition Receptor FLS2. <i>PLoS ONE</i> , 2015, 10, e0137071.	2.5	78
21	The Irish Potato Famine Pathogen <i>Phytophthora infestans</i> Translocates the CRN8 Kinase into Host Plant Cells. <i>PLoS Pathogens</i> , 2012, 8, e1002875.	4.7	77
22	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.	3.4	74
23	Functional Divergence of Two Secreted Immune Proteases of Tomato. <i>Current Biology</i> , 2015, 25, 2300-2306.	3.9	72
24	Host autophagy machinery is diverted to the pathogen interface to mediate focal defense responses against the Irish potato famine pathogen. <i>ELife</i> , 2018, 7, .	6.0	67
25	Contrasting and emerging roles of autophagy in plant immunity. <i>Current Opinion in Plant Biology</i> , 2019, 52, 46-53.	7.1	58
26	Modulation of plant autophagy during pathogen attack. <i>Journal of Experimental Botany</i> , 2018, 69, 1325-1333.	4.8	50
27	Cellular and transcriptional responses of wheat during compatible and incompatible race-specific interactions with <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Molecular Plant Pathology</i> , 2010, 11, 625-640.	4.2	49
28	Genes associated with resistance to wheat yellow rust disease identified by differential display analysis. <i>Physiological and Molecular Plant Pathology</i> , 2007, 71, 251-259.	2.5	48
29	N-terminal $\beta$ -strand underpins biochemical specialization of an ATG8 isoform. <i>PLoS Biology</i> , 2019, 17, e3000373.	5.6	47
30	Host-interactor screens of <i>Phytophthora infestans</i> RXLR proteins reveal vesicle trafficking as a major effector-targeted process. <i>Plant Cell</i> , 2021, 33, 1447-1471.	6.6	46
31	A Recent Expansion of the RXLR Effector Gene <i>Avrblb2</i> Is Maintained in Global Populations of <i>Phytophthora infestans</i> Indicating Different Contributions to Virulence. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 901-912.	2.6	44
32	A <i>Puccinia striiformis</i> f. sp. <i>tritici</i> secreted protein activates plant immunity at the cell surface. <i>Scientific Reports</i> , 2017, 7, 1141.	3.3	43
33	The plant-pathogen haustorial interface at a glance. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	40
34	Pathogen manipulation of chloroplast function triggers a light-dependent immune recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9613-9620.	7.1	39
35	Dynamic localization of a helper NLR at the plant-pathogen interface underpins pathogen recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
36	A bacterial effector counteracts host autophagy by promoting degradation of an autophagy component. <i>EMBO Journal</i> , 2022, 41, .	7.8	36

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37	An oomycete effector subverts host vesicle trafficking to channel starvation-induced autophagy to the pathogen interface. <i>ELife</i> , 2021, 10, .	6.0	33
38	Chloroplasts alter their morphology and accumulate at the pathogen interface during infection by <i>Phytophthora infestans</i> . <i>Plant Journal</i> , 2021, 107, 1771-1787.	5.7	25
39	Identification of differentially expressed transcripts from leaves of the boron tolerant plant <i>Gypsophila perfoliata</i> L.. <i>Plant Cell Reports</i> , 2008, 27, 1411-1422.	5.6	21
40	Variation in Capsidiol Sensitivity between <i>Phytophthora infestans</i> and <i>Phytophthora capsici</i> Is Consistent with Their Host Range. <i>PLoS ONE</i> , 2014, 9, e107462.	2.5	19
41	Isolation and sequence analysis of wheat NBS-LRR type disease resistance gene analogs using degenerate PCR primers. <i>Biochemical Genetics</i> , 2007, 45, 469-486.	1.7	13
42	Recent developments in effector biology of filamentous plant pathogens. <i>Cellular Microbiology</i> , 2010, 12, 1015-1015.	2.1	11
43	Fungal Sex Receptors Recalibrated to Detect Host Plants. <i>Cell Host and Microbe</i> , 2015, 18, 637-638.	11.0	1