

# Rumiana V Ray

## List of Publications by Year in descending order

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28  
papers

893  
citations

471509

17  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of a high-density DArTseq SNP-based genetic map and identification of genomic regions with segregation distortion in a genetic population derived from a cross between feral and cultivated-type watermelon. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1457-1470.	2.1	119
2	The prevalence and impact of <i>Fusarium</i> head blight pathogens and mycotoxins on malting barley quality in UK. <i>International Journal of Food Microbiology</i> , 2014, 179, 38-49.	4.7	92
3	Molecular studies to identify the <i>Fusarium</i> species responsible for HT-2 and T-2 mycotoxins in UK oats. <i>International Journal of Food Microbiology</i> , 2012, 156, 168-175.	4.7	80
4	Distinct branches of the N��nd rule pathway modulate the plant immune response. <i>New Phytologist</i> , 2019, 221, 988-1000.	7.3	59
5	<i>Fusarium langsethiae</i> �� a <scp>HT</scp>�� and <scp>T</scp>�� Toxins Producer that Needs More Attention. <i>Journal of Phytopathology</i> , 2013, 161, 1-10.	1.0	52
6	Effects of damping-off caused by <i>Rhizoctonia solani</i> anastomosis group 2-1 on roots of wheat and oil seed rape quantified using X-ray Computed Tomography and real-time PCR. <i>Frontiers in Plant Science</i> , 2015, 6, 461.	3.6	49
7	<i>Fusarium langsethiae</i> pathogenicity and aggressiveness towards oats and wheat in wounded and unwounded in vitro detached leaf assays. <i>European Journal of Plant Pathology</i> , 2009, 124, 117-126.	1.7	46
8	Sharing a Host Plant (Wheat [ <i>Triticum aestivum</i> ]) Increases the Fitness of <i>Fusarium graminearum</i> and the Severity of <i>Fusarium</i> Head Blight but Reduces the Fitness of Grain Aphids ( <i>Sitobion avenae</i> ). <i>Applied and Environmental Microbiology</i> , 2015, 81, 3492-3501.	3.1	40
9	Foliar application of isopyrazam and epoxiconazole improves photosystem II efficiency, biomass and yield in winter wheat. <i>Pesticide Biochemistry and Physiology</i> , 2014, 114, 52-60.	3.6	37
10	Genetic diversity and population structure of core watermelon (<i>Citrullus lanatus</i>) genotypes using DArTseq-based SNPs. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2016, 14, 226-233.	0.8	37
11	Evaluation of pathogenicity and aggressiveness of <i>F. langsethiae</i> on oat and wheat seedlings relative to known seedling blight pathogens. <i>European Journal of Plant Pathology</i> , 2010, 126, 203-216.	1.7	33
12	Chlorophyll fluorescence parameters allow the rapid detection and differentiation of plant responses in three different wheat pathosystems. <i>Functional Plant Biology</i> , 2016, 43, 356.	2.1	33
13	Comparative aggressiveness of <i>Microdochium nivale</i> and <i>M. majus</i> and evaluation of screening methods for <i>Fusarium</i> seedling blight resistance in wheat cultivars. <i>European Journal of Plant Pathology</i> , 2015, 141, 281-294.	1.7	29
14	Effect of eyespot caused by <i>Oculimacula yallundae</i> and <i>O. acuformis</i> , assessed visually and by competitive PCR, on stem strength associated with lodging resistance and yield of winter wheat. <i>Journal of Experimental Botany</i> , 2006, 57, 2249-2257.	4.8	22
15	Direct and host��mediated interactions between <i>Fusarium</i> pathogens and herbivorous arthropods in cereals. <i>Plant Pathology</i> , 2017, 66, 3-13.	2.4	22
16	A Survey Investigating the Infection of <i>Fusarium langsethiae</i> and Production of <scp>HT</scp>�� and T�� Mycotoxins in <scp>UK</scp> Oat Fields. <i>Journal of Phytopathology</i> , 2013, 161, 553-561.	1.0	21
17	Altered gene expression by sedaxane increases PSII efficiency, photosynthesis and growth and improves tolerance to drought in wheat seedlings. <i>Pesticide Biochemistry and Physiology</i> , 2017, 137, 49-61.	3.6	21
18	Development of high-throughput methods to screen disease caused by <i>Rhizoctonia solani</i> AG 2-1 in oilseed rape. <i>Plant Methods</i> , 2017, 13, 45.	4.3	19

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19	Canopy and Ear Traits Associated With Avoidance of Fusarium Head Blight in Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 1021.	3.6	15
20	Contrasting Roles of Deoxynivalenol and Nivalenol in Host-Mediated Interactions between <i>Fusarium graminearum</i> and <i>Sitobion avenae</i> . <i>Toxins</i> , 2016, 8, 353.	3.4	14
21	Aphid Infestation Increases <i>Fusarium langsethiae</i> and T-2 and HT-2 Mycotoxins in Wheat. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6548-6556.	3.1	13
22	The <i>Arabidopsis thaliana</i> N-recognin E3 ligase PROTEOLYSIS1 influences the immune response. <i>Plant Direct</i> , 2019, 3, e00194.	1.9	12
23	Yield Losses and Control by Sedaxane and Fludioxonil of Soilborne <i>Rhizoctonia</i> , <i>Microdochium</i> , and <i>Fusarium</i> Species in Winter Wheat. <i>Plant Disease</i> , 2021, 105, 2521-2530.	1.4	10
24	Population dynamics of <i>Rhizoctonia</i> , <i>Oculimacula</i> , and <i>Microdochium</i> species in soil, roots, and stems of English wheat crops. <i>Plant Pathology</i> , 2021, 70, 862-874.	2.4	5
25	The role of photoprotection in defence of two wheat genotypes against <i>Zymoseptoria tritici</i> . <i>Plant Pathology</i> , 2021, 70, 1421-1435.	2.4	5
26	Identification of novel quantitative trait loci for resistance to Fusarium seedling blight caused by <i>Microdochium majus</i> and <i>M. nivale</i> in wheat. <i>Field Crops Research</i> , 2016, 191, 1-12.	5.1	4
27	Infestation by <i>Myzus persicae</i> Increases Susceptibility of <i>Brassica napus</i> cv. 'Canard' to <i>Rhizoctonia solani</i> AG 2-1. <i>Frontiers in Plant Science</i> , 2018, 9, 1903.	3.6	2
28	Chlorophyll Fluorescence on the Fast Timescale. <i>Methods in Molecular Biology</i> , 2018, 1770, 95-104.	0.9	1