

# Silvia Laura Toffolatti

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

850  
citations

471509

17  
h-index

526287

27  
g-index

40  
all docs

40  
docs citations

40  
times ranked

837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting the susceptibility/resistance mechanism of <i>Vitis vinifera</i> for the future control of downy mildew. BIO Web of Conferences, 2022, 44, 04002.	0.2	2
2	Genomic Designing for Biotic Stress Resistant Grapevine. , 2022, , 87-255.		11
3	Characterization of Lysinibacillus fusiformis strain S4C11: In vitro, in planta, and in silico analyses reveal a plant-beneficial microbe. Microbiological Research, 2021, 244, 126665.	5.3	20
4	Fungicide Resistance Evolution and Detection in Plant Pathogens: Plasmopara viticola as a Case Study. Microorganisms, 2021, 9, 119.	3.6	73
5	Role of terpenes in plant defense to biotic stress. , 2021, , 401-417.		15
6	Georgian Grapevine Cultivars: Ancient Biodiversity for Future Viticulture. Frontiers in Plant Science, 2021, 12, 630122.	3.6	26
7	From plant resistance response to the discovery of antimicrobial compounds: The role of volatile organic compounds (VOCs) in grapevine downy mildew infection. Plant Physiology and Biochemistry, 2021, 160, 294-305.	5.8	32
8	RNAi of a Putative Grapevine Susceptibility Gene as a Possible Downy Mildew Control Strategy. Frontiers in Plant Science, 2021, 12, 667319.	3.6	25
9	The Study of the Germination Dynamics of Plasmopara viticola Oospores Highlights the Presence of Phenotypic Synchrony With the Host. Frontiers in Microbiology, 2021, 12, 698586.	3.5	9
10	Fungal contamination and aflatoxin content of maize, moringa and peanut foods from rural subsistence farms in South Haiti. Journal of Stored Products Research, 2020, 85, 101550.	2.6	28
11	Genetic structure of Italian population of the grapevine downy mildew agent, Plasmopara viticola. Annals of Applied Biology, 2020, 176, 257-267.	2.5	25
12	Rpv29, Rpv30 and Rpv31: Three Novel Genomic Loci Associated With Resistance to Plasmopara viticola in Vitis vinifera. Frontiers in Plant Science, 2020, 11, 562432.	3.6	38
13	Identification of the First Oomycete Mating-type Locus Sequence in the Grapevine Downy Mildew Pathogen, Plasmopara viticola. Current Biology, 2020, 30, 3897-3907.e4.	3.9	23
14	NoPv1: a synthetic antimicrobial peptide aptamer targeting the causal agents of grapevine downy mildew and potato late blight. Scientific Reports, 2020, 10, 17574.	3.3	23
15	A molecular epidemiology study reveals the presence of identical genotypes on grapevines and ground cover weeds and the existence of separate genetic groups in a <i>Botrytis cinerea</i> population. Plant Pathology, 2020, 69, 1695-1707.	2.4	1
16	A Real-Time PCR Assay for the Quantification of Plasmopara viticola Oospores in Grapevine Leaves. Frontiers in Plant Science, 2020, 11, 1202.	3.6	6
17	Novel Aspects on The Interaction Between Grapevine and Plasmopara viticola: Dual-RNA-Seq Analysis Highlights Gene Expression Dynamics in The Pathogen and The Plant During The Battle For Infection. Genes, 2020, 11, 261.	2.4	37
18	Characterization of fungicide sensitivity profiles of Botrytis cinerea populations sampled in Lombardy (Northern Italy) and implications for resistance management. Pest Management Science, 2020, 76, 2198-2207.	3.4	8

#	ARTICLE	IF	CITATIONS
19	Not Just a Pathogen? Description of a Plant-Beneficial <i>Pseudomonas syringae</i> Strain. <i>Frontiers in Microbiology</i> , 2019, 10, 1409.	3.5	55
20	Unique resistance traits against downy mildew from the center of origin of grapevine ( <i>Vitis vinifera</i> ). <i>Scientific Reports</i> , 2018, 8, 12523.	3.3	50
21	A time-course investigation of resistance to the carboxylic acid amide mandipropamid in field populations of <i>Plasmopara viticola</i> treated with anti-resistance strategies. <i>Pest Management Science</i> , 2018, 74, 2822-2834.	3.4	39
22	Bactericidal performance of nanostructured surfaces by fluorocarbon plasma. <i>Materials Science and Engineering C</i> , 2017, 80, 117-121.	7.3	25
23	Genetic structure and fungicide sensitivity of <i>Botrytis cinerea</i> populations isolated from grapevine in northern Italy. <i>Plant Pathology</i> , 2017, 66, 890-899.	2.4	19
24	First Report of <i>Fusarium andiyazi</i> Causing Ear Rot on Maize in Italy. <i>Plant Disease</i> , 2017, 101, 839-839.	1.4	9
25	Assessing pigmented pericarp of maize kernels as possible source of resistance to fusarium ear rot, <i>Fusarium</i> spp. infection and fumonisin accumulation. <i>International Journal of Food Microbiology</i> , 2016, 227, 56-62.	4.7	17
26	First Report of SDHI Resistant Strains of <i>Venturia inaequalis</i> From Commercial Orchards in Northern Italy. <i>Plant Disease</i> , 2016, 100, 2324.	1.4	5
27	Sensitivity to cymoxanil in Italian populations of <i>Plasmopara viticola</i> oospores. <i>Pest Management Science</i> , 2015, 71, 1182-1188.	3.4	13
28	The influence of flavonoids in maize pericarp on fusarium ear rot symptoms and fumonisin accumulation under field conditions. <i>Plant Pathology</i> , 2015, 64, 671-679.	2.4	15
29	Pathogenicity variation in <i>Fusarium verticillioides</i> populations isolated from maize in northern Italy. <i>Mycoscience</i> , 2013, 54, 285-290.	0.8	14
30	Phenotypic and histochemical traits of the interaction between <i>Plasmopara viticola</i> and resistant or susceptible grapevine varieties. <i>BMC Plant Biology</i> , 2012, 12, 124.	3.6	49
31	Histological and Ultrastructural Studies on the Curative Effects of Mandipropamid on <i>Plasmopara viticola</i> . <i>Journal of Phytopathology</i> , 2011, 159, 201-207.	1.0	12
32	Evolution of Qol resistance in <i>Plasmopara viticola</i> oospores. <i>European Journal of Plant Pathology</i> , 2011, 129, 331-338.	1.7	25
33	Mating behavior of a Northern Italian population of <i>Fusarium verticillioides</i> associated with maize. <i>Journal of Applied Genetics</i> , 2011, 52, 367-370.	1.9	11
34	A new approach to modelling the dynamics of oospore germination in <i>Plasmopara viticola</i> . <i>European Journal of Plant Pathology</i> , 2010, 128, 113-126.	1.7	28
35	Evolution of Qol resistance in <i>Plasmopara viticola</i> oospores. , 2010, , 199-206.		0
36	Assessment of Qol resistance in <i>Plasmopara viticola</i> oospores. <i>Pest Management Science</i> , 2007, 63, 194-201.	3.4	36

#	ARTICLE	IF	CITATIONS
37	The Dark Side of Fungi: How They Cause Diseases in Plants. <i>Frontiers for Young Minds</i> , 0, 9, .	0.8	3