

# Marielle Adrian

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,475  
citations

361413

20  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of a New Copper-Based Formulation to Control Esca Disease in Field and Study of Its Impact on the Vine Microbiome, Vine Physiology and Enological Parameters of the Juice. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 151.	3.5	7
2	Esca-affected grapevine leaf metabolome is clone- and vintage-dependent. <i>Physiologia Plantarum</i> , 2021, 171, 424-434.	5.2	6
3	In vitro inhibition of shikimate hydroxycinnamoyltransferase by acibenzolar acid, the first metabolite of the plant defence inducer acibenzolar-S-methyl. <i>Plant Physiology and Biochemistry</i> , 2021, 163, 119-127.	5.8	2
4	VOCs Are Relevant Biomarkers of Elicitor-Induced Defences in Grapevine. <i>Molecules</i> , 2021, 26, 4258.	3.8	12
5	Cultivar- and Wood Area-Dependent Metabolomic Fingerprints of Grapevine Infected by <i>Botryosphaeria Dieback</i> . <i>Phytopathology</i> , 2020, 110, 1821-1837.	2.2	8
6	Hydrophobized laminarans as new biocompatible anti-oomycete compounds for grapevine protection. <i>Carbohydrate Polymers</i> , 2019, 225, 115224.	10.2	8
7	Surfactin and fengycin contribute to the protection of a <i>Bacillus subtilis</i> strain against grape downy mildew by both direct effect and defence stimulation. <i>Molecular Plant Pathology</i> , 2019, 20, 1037-1050.	4.2	90
8	Dual Mode of Action of Grape Cane Extracts against <i>Botrytis cinerea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5512-5520.	5.2	23
9	The grapevine ( <i>Vitis vinifera</i> ) LysM receptor kinases VvLYK1 and VvLYK2 mediate chitooligosaccharide-triggered immunity. <i>Plant Biotechnology Journal</i> , 2019, 17, 812-825.	8.3	44
10	Combined enzymatic and metabolic analysis of grapevine cell responses to elicitors. <i>Plant Physiology and Biochemistry</i> , 2018, 123, 141-148.	5.8	20
11	Assessment of the impact of PS3-induced resistance to downy mildew on grapevine physiology. <i>Plant Physiology and Biochemistry</i> , 2018, 133, 134-141.	5.8	4
12	A Plant Extract Acts Both as a Resistance Inducer and an Oomycide Against Grapevine Downy Mildew. <i>Frontiers in Plant Science</i> , 2018, 9, 1085.	3.6	29
13	Clone-Dependent Expression of Esca Disease Revealed by Leaf Metabolite Analysis. <i>Frontiers in Plant Science</i> , 2018, 9, 1960.	3.6	15
14	Proteomics towards the understanding of elicitor induced resistance of grapevine against downy mildew. <i>Journal of Proteomics</i> , 2017, 156, 113-125.	2.4	22
15	Alterations in Grapevine Leaf Metabolism Occur Prior to Esca Apoplexy Appearance. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 946-959.	2.6	31
16	Metabolic Fingerprint of PS3-Induced Resistance of Grapevine Leaves against <i>Plasmopara viticola</i> Revealed Differences in Elicitor-Triggered Defenses. <i>Frontiers in Plant Science</i> , 2017, 08, 101.	3.6	23
17	An ethoxylated surfactant enhances the penetration of the sulfated laminarin through leaf cuticle and stomata, leading to increased induced resistance against grapevine downy mildew. <i>Physiologia Plantarum</i> , 2016, 156, 338-350.	5.2	26
18	RhizoTubes as a new tool for high throughput imaging of plant root development and architecture: test, comparison with pot grown plants and validation. <i>Plant Methods</i> , 2016, 12, 31.	4.3	76

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19	Antimicrobial Activity of Resveratrol Analogues. <i>Molecules</i> , 2014, 19, 7679-7688.	3.8	65
20	Carbohydrates in plant immunity and plant protection: roles and potential application as foliar sprays. <i>Frontiers in Plant Science</i> , 2014, 5, 592.	3.6	266
21	The grapevine flagellin receptor Vv<sc>FLS</sc>2 differentially recognizes flagellinâ€derived epitopes from the endophytic growthâ€promoting bacterium <i>Burkholderia phytofirmans</i> and plant pathogenic bacteria. <i>New Phytologist</i> , 2014, 201, 1371-1384.	7.3	147
22	Image analysis methods for assessment of H2O2 production and <i>Plasmopara viticola</i> development in grapevine leaves: Application to the evaluation of resistance to downy mildew. <i>Journal of Microbiological Methods</i> , 2013, 95, 235-244.	1.6	22
23	Effects of resveratrol on the ultrastructure of <i>Botrytis cinerea</i> conidia and biological significance in plant/pathogen interactions. <i>FÃ-toterapÃ-Ãç</i> , 2012, 83, 1345-1350.	2.2	110
24	Influence of leaf age on induced resistance in grapevine against <i>Plasmopara viticola</i> . <i>Physiological and Molecular Plant Pathology</i> , 2012, 79, 89-96.	2.5	60
25	Changes in Carbohydrate Metabolism in <i>Plasmopara viticola</i>-Infected Grapevine Leaves. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1061-1073.	2.6	47
26	Identification of reference genes suitable for qRT-PCR in grapevine and application for the study of the expression of genes involved in pterostilbene synthesis. <i>Molecular Genetics and Genomics</i> , 2011, 285, 273-285.	2.1	53
27	Are Grapevine Stomata Involved in the Elicitor-Induced Protection Against Downy Mildew?. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 977-986.	2.6	68
28	Laminarin Elicits Defense Responses in Grapevine and Induces Protection Against <i>Botrytis cinerea</i> and <i>Plasmopara viticola</i> . <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 1118-1128.	2.6	423
29	Phytoalexins from the Vitaceae: Biosynthesis, Phytoalexin Gene Expression in Transgenic Plants, Antifungal Activity, and Metabolism. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2731-2741.	5.2	539
30	Biological Activity of Resveratrol, a Stilbenic Compound from Grapevines, Against <i>Botrytis cinerea</i> , the Causal Agent for Gray Mold. <i>Journal of Chemical Ecology</i> , 1997, 23, 1689-1702.	1.8	229