

# Sebastien Massart

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,588  
citations

430874

18  
h-index

330143

37  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current impact and future directions of high throughput sequencing in plant virus diagnostics. <i>Virus Research</i> , 2014, 188, 90-96.	2.2	196
2	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
3	A Framework for the Evaluation of Biosecurity, Commercial, Regulatory, and Scientific Impacts of Plant Viruses and Viroids Identified by NGS Technologies. <i>Frontiers in Microbiology</i> , 2017, 8, 45.	3.5	165
4	Biological control in the microbiome era: Challenges and opportunities. <i>Biological Control</i> , 2015, 89, 98-108.	3.0	145
5	Virus Detection by High-Throughput Sequencing of Small RNAs: Large-Scale Performance Testing of Sequence Analysis Strategies. <i>Phytopathology</i> , 2019, 109, 488-497.	2.2	106
6	Illuminating an Ecological Blackbox: Using High Throughput Sequencing to Characterize the Plant Virome Across Scales. <i>Frontiers in Microbiology</i> , 2020, 11, 578064.	3.5	67
7	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	2.1	62
8	Exploring Bacterial Communities in Aquaponic Systems. <i>Water (Switzerland)</i> , 2019, 11, 260.	2.7	60
9	Use of molecular techniques to elucidate the mechanisms of action of fungal biocontrol agents: A review. <i>Journal of Microbiological Methods</i> , 2007, 69, 229-241.	1.6	49
10	A metagenomic approach from aphidâ€™s hemolymph sheds light on the potential roles of co-existing endosymbionts. <i>Microbiome</i> , 2015, 3, 63.	11.1	42
11	Modulation of pigletsâ€™ microbiota: differential effects by a high wheat bran maternal diet during gestation and lactation. <i>Scientific Reports</i> , 2017, 7, 7426.	3.3	38
12	Development of real-time PCR using Minor Groove Binding probe to monitor the biological control agent <i>Candida oleophila</i> (strain O). <i>Journal of Microbiological Methods</i> , 2005, 60, 73-82.	1.6	37
13	A Primer on the Analysis of High-Throughput Sequencing Data for Detection of Plant Viruses. <i>Microorganisms</i> , 2021, 9, 841.	3.6	36
14	Insights gained from metagenomic shotgun sequencing of apple fruit epiphytic microbiota. <i>Postharvest Biology and Technology</i> , 2019, 153, 96-106.	6.0	35
15	Microbial ecology to support integrative efficacy improvement of biocontrol agents for postharvest diseases management. <i>Postharvest Biology and Technology</i> , 2021, 179, 111572.	6.0	31
16	Is There a "Biological Desert" With the Discovery of New Plant Viruses? A Retrospective Analysis for New Fruit Tree Viruses. <i>Frontiers in Microbiology</i> , 2020, 11, 592816.	3.5	29
17	A new emaravirus discovered in <i>Pistacia</i> from Turkey. <i>Virus Research</i> , 2019, 263, 159-163.	2.2	28
18	Assessment of <i>Pichia anomala</i> (strain K) efficacy against blue mould of apples when applied pre- or post-harvest under laboratory conditions and in orchard trials. <i>European Journal of Plant Pathology</i> , 2009, 123, 37-45.	1.7	24

#	ARTICLE	IF	CITATIONS
19	Sixty Years After the First Description: Genome Sequence and Biological Characterization of European Wheat Striate Mosaic Virus Infecting Cereal Crops. <i>Phytopathology</i> , 2020, 110, 68-79.	2.2	19
20	Development of the simultaneous detection of <i>Ralstonia solanacearum</i> race 3 and <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> in potato tubers by a multiplex real-time PCR assay. <i>European Journal of Plant Pathology</i> , 2014, 138, 29-37.	1.7	18
21	Identification, molecular and biological characterization of two novel secovirids in wild grass species in Belgium. <i>Virus Research</i> , 2021, 298, 198397.	2.2	18
22	Molecular Characterization of Divergent Closterovirus Isolates Infecting Ribes Species. <i>Viruses</i> , 2018, 10, 369.	3.3	15
23	Microbial Origin of Aquaponic Water Suppressiveness against <i>Pythium aphanidermatum</i> Lettuce Root Rot Disease. <i>Microorganisms</i> , 2020, 8, 1683.	3.6	14
24	Comparison of qPCR and Metabarcoding Methods as Tools for the Detection of Airborne Inoculum of Forest Fungal Pathogens. <i>Phytopathology</i> , 2021, 111, 570-581.	2.2	13
25	Bacterial communities associated with the midgut microbiota of wild <i>Anopheles gambiae</i> complex in Burkina Faso. <i>Molecular Biology Reports</i> , 2020, 47, 211-224.	2.3	12
26	Identification and Characterization of a Novel Robigovirus Species from Sweet Cherry in Turkey. <i>Pathogens</i> , 2019, 8, 57.	2.8	11
27	Composted Chicken Manure for Anaerobic Soil Disinfestation Increased the Strawberry Yield and Shifted the Soil Microbial Communities. <i>Sustainability</i> , 2020, 12, 6313.	3.2	11
28	Ecological Study of Aquaponics Bacterial Microbiota over the Course of a Lettuce Growth Cycle. <i>Water (Switzerland)</i> , 2021, 13, 2089.	2.7	10
29	Identification and molecular characterization of a novel foveavirus from <i>Rubus</i> spp. in Turkey. <i>Virus Research</i> , 2020, 286, 198078.	2.2	9
30	Association of Citrus Virus A to Citrus Impietratura Disease Symptoms. <i>Phytopathology</i> , 2021, 111, 1782-1789.	2.2	9
31	Evaluation of the Effect of Two Volatile Organic Compounds on Barley Pathogens. <i>Molecules</i> , 2016, 21, 1124.	3.8	8
32	Novel Ampeloviruses Infecting Cassava in Central Africa and the South-West Indian Ocean Islands. <i>Viruses</i> , 2021, 13, 1030.	3.3	8
33	Semi-artificial datasets as a resource for validation of bioinformatics pipelines for plant virus detection. , 0, 1, .		8
34	Characterisation of a novel virus infecting orchids of the genus <i>Pleione</i> . <i>Virus Research</i> , 2019, 261, 56-59.	2.2	7
35	A Survey Using High-Throughput Sequencing Suggests That the Diversity of Cereal and Barley Yellow Dwarf Viruses Is Underestimated. <i>Frontiers in Microbiology</i> , 2021, 12, 673218.	3.5	7
36	Virion-Associated Nucleic Acid-Based Metagenomics: A Decade of Advances in Molecular Characterization of Plant Viruses. <i>Phytopathology</i> , 2022, 112, 2253-2272.	2.2	7

#	ARTICLE	IF	CITATIONS
37	Sixty Years from the First Disease Description, a Novel Badnavirus Associated with Chestnut Mosaic Disease. <i>Phytopathology</i> , 2021, 111, 1051-1058.	2.2	6
38	RNA-Seq Reveals Hawthorn Tree as a New Natural Host for Apple Necrotic Mosaic Virus, Possibly Associated with Hawthorn Mosaic Disease. <i>Plant Disease</i> , 2020, 104, 2713-2719.	1.4	6
39	Molecular and biological characterization of a new mulberry idaeovirus. <i>Virus Research</i> , 2021, 298, 198411.	2.2	6
40	Detection of Banana Mild Mosaic Virus in Musa In Vitro Plants: High-Throughput Sequencing Presents Higher Diagnostic Sensitivity Than (IC)-RT-PCR and Identifies a New Betaflexiviridae Species. <i>Plants</i> , 2022, 11, 226.	3.5	6
41	Identification of Divergent Isolates of Banana Mild Mosaic Virus and Development of a New Diagnostic Primer to Improve Detection. <i>Pathogens</i> , 2020, 9, 1045.	2.8	4
42	Complete Sequence, Genome Organization and Molecular Detection of Grapevine Line Pattern Virus, a New Putative Anulavirus Infecting Grapevine. <i>Viruses</i> , 2020, 12, 602.	3.3	4
43	First report of grapevine rupestris vein feathering virus in grapevine in Iran. <i>Journal of Plant Pathology</i> , 2020, 102, 1313-1313.	1.2	3
44	Maltose and Totally Impermeable Film Enhanced Suppression of Anaerobic Soil Disinfestation on Soilborne Pathogens and Increased Strawberry Yield. <i>Sustainability</i> , 2020, 12, 5456.	3.2	3
45	Citrus Psorosis Virus: Current Insights on a Still Poorly Understood Ophiovirus. <i>Microorganisms</i> , 2020, 8, 1197.	3.6	2
46	First report of black raspberry necrosis virus and raspberry leaf mottle virus in Bosnia and Herzegovina. <i>Journal of Plant Pathology</i> , 2021, 103, 371-371.	1.2	1