

# Dominique Colinet

## List of Publications by Year in descending order

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35  
papers

1,687  
citations

279701

23  
h-index

414303

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1264  
citing authors

#	ARTICLE	IF	CITATIONS
1	A serpin from the parasitoid wasp <i>Leptopilina boulardi</i> targets the <i>Drosophila</i> phenoloxidase cascade. <i>Developmental and Comparative Immunology</i> , 2009, 33, 681-689.	1.0	138
2	Dual interaction of plant PCNA with geminivirus replication accessory protein (Ren) and viral replication protein (Rep). <i>Virology</i> , 2003, 312, 381-394.	1.1	133
3	Extensive inter- and intraspecific venom variation in closely related parasites targeting the same host: The case of <i>Leptopilina</i> parasitoids of <i>Drosophila</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 601-611.	1.2	100
4	Insights into function and evolution of parasitoid wasp venoms. <i>Current Opinion in Insect Science</i> , 2014, 6, 52-60.	2.2	96
5	Convergent Use of RhoGAP Toxins by Eukaryotic Parasites and Bacterial Pathogens. <i>PLoS Pathogens</i> , 2007, 3, e203.	2.1	94
6	Involvement of the Cytokine MIF in the Snail Host Immune Response to the Parasite <i>Schistosoma mansoni</i> . <i>PLoS Pathogens</i> , 2010, 6, e1001115.	2.1	88
7	Recurrent DNA virus domestication leading to different parasite virulence strategies. <i>Science Advances</i> , 2015, 1, e1501150.	4.7	88
8	Extracellular Superoxide Dismutase in Insects. <i>Journal of Biological Chemistry</i> , 2011, 286, 40110-40121.	1.6	73
9	Identification of the main venom protein components of <i>Aphidius ervi</i> , a parasitoid wasp of the aphid model <i>Acyrtosiphon pisum</i> . <i>BMC Genomics</i> , 2014, 15, 342.	1.2	72
10	Venom gland extract is not required for successful parasitism in the polydnavirus-associated endoparasitoid <i>Hyposoter didymator</i> (Hym. Ichneumonidae) despite the presence of numerous novel and conserved venom proteins. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 292-307.	1.2	70
11	Tracing back the nascence of a new sex-determination pathway to the ancestor of bees and ants. <i>Nature Communications</i> , 2012, 3, 895.	5.8	60
12	Variability of venom components in immune suppressive parasitoid wasps: From a phylogenetic to a population approach. <i>Journal of Insect Physiology</i> , 2013, 59, 205-212.	0.9	59
13	Differentiation Among Potyviruses Infecting Sweet Potato Based on Genus-and Virus-Specific Reverse Transcription Polymerase Chain Reaction. <i>Plant Disease</i> , 1998, 82, 223-229.	0.7	50
14	Identification of a sweet potato feathery mottle virus isolate from China (SPFMV-CH) by the polymerase chain reaction with degenerate primers. <i>Journal of Virological Methods</i> , 1993, 45, 149-159.	1.0	49
15	The Origin of Intraspecific Variation of Virulence in an Eukaryotic Immune Suppressive Parasite. <i>PLoS Pathogens</i> , 2010, 6, e1001206.	2.1	49
16	The nucleotide sequence and genome organization of the whitefly transmitted sweetpotato mild mottle virus: a close relationship with members of the family Potyviridae. <i>Virus Research</i> , 1998, 53, 187-196.	1.1	46
17	Identification of Distinct Potyviruses in Mixedly-Infected Sweetpotato by the Polymerase Chain Reaction with Degenerate Primers. <i>Phytopathology</i> , 1994, 84, 65.	1.1	46
18	Development of RNAi in a <i>Drosophila</i> endoparasitoid wasp and demonstration of its efficiency in impairing venom protein production. <i>Journal of Insect Physiology</i> , 2014, 63, 56-61.	0.9	44

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19	Chapter 6 Variation of <i>Leptopilina boulardi</i> Success in <i>Drosophila</i> Hosts. <i>Advances in Parasitology</i> , 2009, 70, 147-188.	1.4	43
20	Molecular evidence that the whitefly-transmitted sweetpotato mild mottle virus belongs to a distinct genus of the Potyviridae. <i>Archives of Virology</i> , 1996, 141, 125-135.	0.9	40
21	Comparative venomics of <i>Psytalia lounsburyi</i> and <i>P. concolor</i> , two olive fruit fly parasitoids: a hypothetical role for a GH1 $\beta$ -glucosidase. <i>Scientific Reports</i> , 2016, 6, 35873.	1.6	31
22	The complete nucleotide sequences of the coat protein cistron and the 3' non-coding region of a newly-identified potyvirus infecting sweetpotato, as compared to those of sweetpotato feathery mottle virus. <i>Archives of Virology</i> , 1994, 139, 327-336.	0.9	30
23	Evidence for the assignment of two strains of SPLV to the genus Potyvirus based on coat protein and 3' non-coding region sequence data. <i>Virus Research</i> , 1997, 49, 91-100.	1.1	26
24	Rapid and Differential Evolution of the Venom Composition of a Parasitoid Wasp Depending on the Host Strain. <i>Toxins</i> , 2019, 11, 629.	1.5	24
25	SENSITIVE DETECTION OF APPLE STEM GROOVING AND APPLE STEM PITTING VIRUSES FROM INFECTED APPLE TREES BY RT-PCR. <i>Acta Horticulturae</i> , 1998, , 97-104.	0.1	19
26	Detection of Apple Stem Grooving Virus in Dormant Apple Trees with Crude Extracts as Templates for One-Step RT-PCR. <i>Plant Disease</i> , 1998, 82, 785-790.	0.7	19
27	Functional insights from the GC-poor genomes of two aphid parasitoids, <i>Aphidius ervi</i> and <i>Lysiphlebus fabarum</i> . <i>BMC Genomics</i> , 2020, 21, 376.	1.2	19
28	Diversity of Virus-Like Particles in Parasitoids'™ Venom. , 2012, , 181-192.		17
29	Variation in the Venom of Parasitic Wasps, Drift, or Selection? Insights From a Multivariate QST Analysis. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	15
30	Statistical analysis of the individual variability of 1D protein profiles as a tool in ecology: an application to parasitoid venom. <i>Molecular Ecology Resources</i> , 2015, 15, 1120-1132.	2.2	13
31	Biochemical characterization and comparison of aspartylglucosaminidases secreted in venom of the parasitoid wasps <i>Asobara tabida</i> and <i>Leptopilina heterotoma</i> . <i>PLoS ONE</i> , 2017, 12, e0181940.	1.1	13
32	Determination of the taxonomic position and characterization of yam mosaic virus isolates based on sequence data of the 5' terminal part of the coat protein cistron. <i>Archives of Virology</i> , 1996, 141, 1067-1075.	0.9	12
33	Impact of Temperature on the Immune Interaction between a Parasitoid Wasp and <i>Drosophila</i> Host Species. <i>Insects</i> , 2021, 12, 647.	1.0	7
34	Parasitic success and venom composition evolve upon specialization of parasitoid wasps to different host species. , 0, 1, .		1
35	Detection and differentiation of Three potyviruses infecting sweet potato by PCR. <i>Developments in Plant Pathology</i> , 1997, , 417-419.	0.1	0