

Federica Calevro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1368461/publications.pdf>

Version: 2024-02-01

51
papers

2,309
citations

361413

20
h-index

254184

43
g-index

57
all docs

57
docs citations

57
times ranked

2797
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual Dimorphism in Metabolic Responses to Western Diet in <i>Drosophila melanogaster</i> . <i>Biomolecules</i> , 2022, 12, 33.	4.0	5
2	Compartmentalized into Bacteriocytes but Highly Invasive: the Puzzling Case of the Co-Obligate Symbiont <i>Serratia symbiotica</i> in the Aphid <i>Periphyllus lyropictus</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	10
3	The Di-Symbiotic Systems in the Aphids <i>Sipha maydis</i> and <i>Periphyllus lyropictus</i> Provide a Contrasting Picture of Recent Co-Obligate Nutritional Endosymbiosis in Aphids. <i>Microorganisms</i> , 2022, 10, 1360.	3.6	6
4	Sustainable laser-based technology for insect pest control. <i>Scientific Reports</i> , 2021, 11, 11068.	3.3	12
5	At the Gate of Mutualism: Identification of Genomic Traits Predisposing to Insect-Bacterial Symbiosis in Pathogenic Strains of the Aphid Symbiont <i>Serratia symbiotica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 660007.	3.9	14
6	Data-driven Gene Regulatory Networks Inference Based on Classification Algorithms. <i>International Journal on Artificial Intelligence Tools</i> , 2021, 30, 2150022.	1.0	2
7	Isolation of Insect as a Platform for Transcriptomic Analyses. <i>Methods in Molecular Biology</i> , 2021, 2170, 185-198.	0.9	1
8	The transposable element-rich genome of the cereal pest <i>Sitophilus oryzae</i> . <i>BMC Biology</i> , 2021, 19, 241.	3.8	40
9	Cytotype Affects the Capability of the Whitefly <i>Bemisia tabaci</i> MED Species To Feed and Oviposit on an Unfavorable Host Plant. <i>MBio</i> , 2021, 12, e0073021.	4.1	3
10	Ensemble Learning Based Gene Regulatory Network Inference. , 2021, , .		4
11	The genome sequence of the grape phylloxera provides insights into the evolution, adaptation, and invasion routes of an iconic pest. <i>BMC Biology</i> , 2020, 18, 90.	3.8	40
12	Evolutionary novelty in the apoptotic pathway of aphids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32545-32556.	7.1	9
13	<i>Drosophila</i> -associated bacteria differentially shape the nutritional requirements of their host during juvenile growth. <i>PLoS Biology</i> , 2020, 18, e3000681.	5.6	79
14	Draft Genome Sequences of Two Cultivable Strains of the Bacterial Symbiont <i>Serratia symbiotica</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	5
15	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. <i>Genome Biology and Evolution</i> , 2020, 12, 1099-1188.	2.5	17
16	Title is missing!. , 2020, 18, e3000681.		0
17	Title is missing!. , 2020, 18, e3000681.		0
18	Title is missing!. , 2020, 18, e3000681.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 18, e3000681.		0
20	Title is missing!. , 2020, 18, e3000681.		0
21	Title is missing!. , 2020, 18, e3000681.		0
22	Acyrtosiphon pisum. Trends in Genetics, 2019, 35, 781-782.	6.7	9
23	Bis(monoacylglycero)phosphate regulates oxysterol binding protein-related protein 11 dependent sterol trafficking. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1247-1257.	2.4	10
24	Data-Driven Gene Regulatory Network Inference Based on Classification Algorithms. , 2019, , .		4
25	Bacteriocyte cell death in the pea aphid/ <i>Buchnera</i> symbiotic system. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1819-E1828.	7.1	69
26	Bacteriocyte Reprogramming to Cope With Nutritional Stress in a Phloem Sap Feeding Hemipteran, the Pea Aphid <i>Acyrtosiphon pisum</i> . Frontiers in Physiology, 2018, 9, 1498.	2.8	15
27	Identification of Plant Virus Receptor Candidates in the Stylets of Their Aphid Vectors. Journal of Virology, 2018, 92, .	3.4	53
28	Disruption of phenylalanine hydroxylase reduces adult lifespan and fecundity, and impairs embryonic development in parthenogenetic pea aphids. Scientific Reports, 2016, 6, 34321.	3.3	34
29	Direct flow cytometry measurements reveal a fine-tuning of symbiotic cell dynamics according to the host developmental needs in aphid symbiosis. Scientific Reports, 2016, 6, 19967.	3.3	71
30	ArthropodaCyc: a CycADS powered collection of BioCyc databases to analyse and compare metabolism of arthropods. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw081.	3.0	22
31	Assessment of a 16S <i>rRNA</i> amplicon Illumina sequencing procedure for studying the microbiome of a symbiotic aphid genus. Molecular Ecology Resources, 2016, 16, 628-640.	4.8	60
32	New insight into the RNA interference response against cathepsin-L gene in the pea aphid, <i>Acyrtosiphon pisum</i> : Molting or gut phenotypes specifically induced by injection or feeding treatments. Insect Biochemistry and Molecular Biology, 2014, 51, 20-32.	2.7	75
33	Tyrosine pathway regulation is host-mediated in the pea aphid symbiosis during late embryonic and early larval development. BMC Genomics, 2013, 14, 235.	2.8	51
34	Genomic analysis of the regulatory elements and links with intrinsic DNA structural properties in the shrunken genome of <i>Buchnera</i> . BMC Genomics, 2013, 14, 73.	2.8	20
35	A Genomic Reappraisal of Symbiotic Function in the Aphid/ <i>Buchnera</i> Symbiosis: Reduced Transporter Sets and Variable Membrane Organisations. PLoS ONE, 2011, 6, e29096.	2.5	44
36	Multimodal dynamic response of the <i>Buchnera aphidicola</i> pLeu plasmid to variations in leucine demand of its host, the pea aphid <i>Acyrtosiphon pisum</i> . Molecular Microbiology, 2011, 81, 1271-1285.	2.5	35

#	ARTICLE	IF	CITATIONS
37	CycADS: an annotation database system to ease the development and update of BioCyc databases. Database: the Journal of Biological Databases and Curation, 2011, 2011, bar008-bar008.	3.0	16
38	Structure and dynamics of the operon map of Buchnera aphidicola sp. strain APS. BMC Genomics, 2010, 11, 666.	2.8	9
39	Genomic insight into the amino acid relations of the pea aphid, <i>Acyrtosiphon pisum</i> , with its symbiotic bacterium <i>Buchnera aphidicola</i> . Insect Molecular Biology, 2010, 19, 249-258.	2.0	219
40	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . PLoS Biology, 2010, 8, e1000313.	5.6	913
41	Impact of Host Developmental Age on the Transcriptome of the Symbiotic Bacterium <i>Buchnera aphidicola</i> in the Pea Aphid (<i>Acyrtosiphon pisum</i>). Applied and Environmental Microbiology, 2009, 75, 7294-7297.	3.1	29
42	Systemic analysis of the symbiotic function of <i>Buchnera aphidicola</i> , the primary endosymbiont of the pea aphid <i>Acyrtosiphon pisum</i> . Comptes Rendus - Biologies, 2009, 332, 1034-1049.	0.2	49
43	Conservation of the links between gene transcription and chromosomal organization in the highly reduced genome of <i>Buchnera aphidicola</i> . BMC Genomics, 2007, 8, 143.	2.8	26
44	Codon usage bias and tRNA over-expression in <i>Buchnera aphidicola</i> after aromatic amino acid nutritional stress on its host <i>Acyrtosiphon pisum</i> . Nucleic Acids Research, 2006, 34, 4583-4592.	14.5	21
45	Different Levels of Transcriptional Regulation Due to Trophic Constraints in the Reduced Genome of <i>Buchnera aphidicola</i> APS. Applied and Environmental Microbiology, 2006, 72, 7760-7766.	3.1	56
46	SITTRANS: a Web Information System for Microarray Experiments. Studies in Health Technology and Informatics, 2005, 116, 33-8.	0.3	1
47	ROSO: optimizing oligonucleotide probes for microarrays. Bioinformatics, 2004, 20, 271-273.	4.1	66
48	Assessment of 35mer amino-modified oligonucleotide based microarray with bacterial samples. Journal of Microbiological Methods, 2004, 57, 207-218.	1.6	17
49	Bioassays for testing effects of Al, Cr and Cd using development in the amphibian <i>Pleurodeles waltl</i> and regeneration in the planarian <i>Dugesia etrusca</i> . Aquatic Ecosystem Health and Management, 1999, 2, 281-288.	0.6	10
50	Toxic effects of aluminium, chromium and cadmium in intact and regenerating freshwater planarians. Chemosphere, 1998, 37, 651-659.	8.2	21
51	Effect of cadmium(II) on the extent of oxidative DNA damage in primary brain cell cultures from <i>Pleurodeles</i> larvae. Toxicology Letters, 1998, 94, 217-225.	0.8	25