

# Serena Aceto

## List of Publications by Year in descending order

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54  
papers

1,706  
citations

304743

22  
h-index

302126

39  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Butyrate Regulates Liver Mitochondrial Function, Efficiency, and Dynamics in Insulin-Resistant Obese Mice. <i>Diabetes</i> , 2017, 66, 1405-1418.	0.6	214
2	Probiotic modulation of the microbiota-gut-brain axis and behaviour in zebrafish. <i>Scientific Reports</i> , 2016, 6, 30046.	3.3	165
3	Phylogeny and Evolution of Orchis and Allied Genera Based on ITS DNA Variation: Morphological Gaps and Molecular Continuity. <i>Molecular Phylogenetics and Evolution</i> , 1999, 13, 67-76.	2.7	125
4	The MADS and the Beauty: Genes Involved in the Development of Orchid Flowers. <i>Current Genomics</i> , 2011, 12, 342-356.	1.6	81
5	Flavonoids profile and antioxidant activity in flowers and leaves of hawthorn species ( <i>Crataegus</i> spp.) from different regions of Iran. <i>International Journal of Food Properties</i> , 2018, 21, 452-470.	3.0	70
6	Human, donkey and cow milk differently affects energy efficiency and inflammatory state by modulating mitochondrial function and gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1136-1146.	4.2	63
7	Analysis of the TCP genes expressed in the inflorescence of the orchid <i>Orchis italica</i> . <i>Scientific Reports</i> , 2015, 5, 16265.	3.3	59
8	ISSR markers show differentiation among Italian populations of <i>Asparagus acutifolius</i> L. <i>BMC Genetics</i> , 2005, 6, 17.	2.7	57
9	Inducible Expression of a <i>Phytolacca heterotepala</i> Ribosome-Inactivating Protein Leads to Enhanced Resistance Against Major Fungal Pathogens in Tobacco. <i>Phytopathology</i> , 2005, 95, 206-215.	2.2	52
10	Genetic control of flower development, color and senescence of <i>Dendrobium</i> orchids. <i>Scientia Horticulturae</i> , 2014, 175, 74-86.	3.6	47
11	Speciation processes in Eastern Mediterranean <i>Orchis</i> s.l. species: Molecular evidence and the role of pollination biology. <i>Israel Journal of Plant Sciences</i> , 2001, 49, 91-103.	0.5	45
12	The Orthologue of the Fruitfly Sex Behaviour Gene <i>Fruitless</i> in the Mosquito <i>Aedes aegypti</i> : Evolution of Genomic Organisation and Alternative Splicing. <i>PLoS ONE</i> , 2013, 8, e48554.	2.5	44
13	Human Milk and Donkey Milk, Compared to Cow Milk, Reduce Inflammatory Mediators and Modulate Glucose and Lipid Metabolism, Acting on Mitochondrial Function and Oleylthanolamide Levels in Rat Skeletal Muscle. <i>Frontiers in Physiology</i> , 2018, 9, 32.	2.8	41
14	The Analysis of the Inflorescence miRNome of the Orchid <i>Orchis italica</i> Reveals a DEF-Like MADS-Box Gene as a New miRNA Target. <i>PLoS ONE</i> , 2014, 9, e97839.	2.5	41
15	Epidemiology of Noble Pen Shell ( <i>Pinna nobilis</i> L. 1758) Mass Mortality Events in Adriatic Sea Is Characterised with Rapid Spreading and Acute Disease Progression. <i>Pathogens</i> , 2020, 9, 776.	2.8	38
16	A network system for vitellogenin synthesis in the mussel <i>Mytilus galloprovincialis</i> (L.). <i>Journal of Cellular Physiology</i> , 2013, 228, 547-555.	4.1	37
17	The OitaAG and OitaSTK genes of the orchid <i>Orchis italica</i> : a comparative analysis with other C- and D-class MADS-box genes. <i>Molecular Biology Reports</i> , 2013, 40, 3523-3535.	2.3	35
18	De Novo Transcriptome Assembly from Inflorescence of <i>Orchis italica</i> : Analysis of Coding and Non-Coding Transcripts. <i>PLoS ONE</i> , 2014, 9, e102155.	2.5	30

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19	Expression pattern of two paralogs of the PI/GLO-like locus during <i>Orchis italica</i> (Orchidaceae). <i>Tj ETQq1</i> 1 0.784314, <i>rgBT /Oyerlock</i> 10	0.9	29
20	The metallothionein genes of <i>Mytilus galloprovincialis</i> : Genomic organization, tissue expression and evolution. <i>Marine Genomics</i> , 2011, 4, 61-68.	1.1	28
21	The MADS-box genes expressed in the inflorescence of <i>Orchis italica</i> (Orchidaceae). <i>PLoS ONE</i> , 2019, 14, e0213185.	2.5	26
22	De novo assembly and sex-specific transcriptome profiling in the sand fly <i>Phlebotomus perniciosus</i> (Diptera, Phlebotominae), a major Old World vector of <i>Leishmania infantum</i> . <i>BMC Genomics</i> , 2015, 16, 847.	2.8	23
23	Nicking activity on pBR322 DNA of ribosome inactivating proteins from <i>Phytolacca dioica</i> L. leaves. <i>Biological Chemistry</i> , 2005, 386, 307-317.	2.5	22
24	Transcriptome-Wide Identification and Expression Analysis of DIVARICATA- and RADIALIS-Like Genes of the Mediterranean Orchid <i>Orchis italica</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 1418-1431.	2.5	22
25	Isolation of the LFY/FLO homologue in <i>Orchis italica</i> and evolutionary analysis in some European orchids. <i>Gene</i> , 2004, 333, 101-109.	2.2	20
26	The AP2-Like Gene <i>OitaAP2</i> Is Alternatively Spliced and Differentially Expressed in Inflorescence and Vegetative Tissues of the Orchid <i>Orchis italica</i> . <i>PLoS ONE</i> , 2013, 8, e77454.	2.5	20
27	Phylogenetic relationships in <i>Orchis</i> and some related genera: an approach using chloroplast DNA. <i>Nordic Journal of Botany</i> , 1998, 18, 79-87.	0.5	19
28	Assessment of the Health Status of Mussels <i>Mytilus galloprovincialis</i> Along the Campania Coastal Areas: A Multidisciplinary Approach. <i>Frontiers in Physiology</i> , 2018, 9, 683.	2.8	19
29	Evolutionary Conservation of the Orchid MYB Transcription Factors DIV, RAD, and DRIF. <i>Frontiers in Plant Science</i> , 2019, 10, 1359.	3.6	17
30	Pollination Flow in Hybrid Formation between <i>Orchis morio</i> and <i>Orchis papilionacea</i> (Orchidaceae) in Two Different Habitats. <i>International Journal of Plant Sciences</i> , 1999, 160, 1153-1156.	1.3	16
31	Molecular evolution of the <i>OrcPI</i> locus in natural populations of Mediterranean orchids. <i>Gene</i> , 2007, 392, 299-305.	2.2	13
32	The PI/GLO-like locus in orchids: Duplication and purifying selection at synonymous sites within Orchidinae (Orchidaceae). <i>Gene</i> , 2011, 481, 48-55.	2.2	13
33	Pituitary adenylate cyclase-activating polypeptide in the testis of the quail <i>Coturnix coturnix</i> : Expression, localization, and phylogenetic analysis. <i>Evolution &amp; Development</i> , 2019, 21, 145-156.	2.0	13
34	On the Relationship between a Novel <i>Prorocentrum</i> sp. and Colonial <i>Phaeocystis antarctica</i> under Iron and Vitamin B12 Limitation: Ecological Implications for Antarctic Waters. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6965.	2.5	13
35	The <i>OrcPI</i> locus: Genomic organization, expression pattern, and noncoding regions variability in <i>Orchis italica</i> (Orchidaceae) and related species. <i>Gene</i> , 2009, 434, 9-15.	2.2	12
36	Morphological and molecular characterization of <i>xOrchiaceras bergonii</i> (Nanteuil) E.G. Cam. <i>Giornale Botanico Italiano (Florence, Italy)</i> : 1962), 1994, 128, 861-867.	0.0	11

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37	Radial or Bilateral? The Molecular Basis of Floral Symmetry. <i>Genes</i> , 2020, 11, 395.	2.4	11
38	Genetic structure of <i>Tuber mesentericum</i> Vitt. based on polymorphisms at the ribosomal DNA ITS. <i>Mycorrhiza</i> , 2007, 17, 405-414.	2.8	10
39	Gorgonian disease outbreak in the Gulf of Naples: pathology reveals cyanobacterial infection linked to elevated sea temperatures. <i>Diseases of Aquatic Organisms</i> , 2014, 111, 69-80.	1.0	10
40	Identification of sex determination genes and their evolution in Phlebotominae sand flies (Diptera.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.8	10
41	Fixation of genetic variation and optimization of gene expression: The speed of evolution in isolated lizard populations undergoing Reverse Island Syndrome. <i>PLoS ONE</i> , 2019, 14, e0224607.	2.5	10
42	Optimisation of artemisinin and scopoletin extraction from <i>Artemisia annua</i> with a new modern pressurised cyclic solidâ€“liquid (PCSL) extraction technique. <i>Phytochemical Analysis</i> , 2019, 30, 564-571.	2.4	9
43	Diagnosis of <i>Centrocestus formosanus</i> Infection in Zebrafish ( <i>Danio rerio</i> ) in Italy: A Window to a New Globalization-Derived Invasive Microorganism. <i>Animals</i> , 2020, 10, 456.	2.3	9
44	Extending the Toolkit for Beauty: Differential Co-Expression of DROOPING LEAF-Like and Class B MADS-Box Genes during Phalaenopsis Flower Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7025.	4.1	9
45	Postmonorchis sp. inq. (Digenea: Monorchiiidae) metacercariae infecting natural beds of wedge clam <i>Donax trunculus</i> in Italy. <i>Diseases of Aquatic Organisms</i> , 2013, 106, 163-172.	1.0	9
46	Characterization of <i>Orchis x dietrichiana</i> Bogenh., a natural orchid hybrid. <i>Plant Biosystems</i> , 1998, 132, 71-76.	1.6	7
47	Isolation and Phylogenetic Footprinting Analysis of the 5â€“Regulatory Region of the Floral Homeotic Gene <i>OrcPI</i> from <i>Orchis italica</i> (Orchidaceae). <i>Journal of Heredity</i> , 2010, 101, 124-131.	2.4	7
48	Isolation and characterization of microsatellite loci from <i>Asparagus acutifolius</i> (Liliaceae). <i>Molecular Ecology Notes</i> , 2003, 3, 242-243.	1.7	6
49	What is your diagnosis? Pale yellowish digestive gland and watery tissues in Mediterranean mussels. <i>Veterinary Clinical Pathology</i> , 2011, 40, 273-274.	0.7	6
50	Targeting the autosomal <i>Ceratitis capitata</i> transformer gene using Cas9 or dCas9 to masculinize XX individuals without inducing mutations. <i>BMC Genetics</i> , 2020, 21, 150.	2.7	6
51	The first transcriptome of Italian wall lizard, a new tool to infer about the Island Syndrome. <i>PLoS ONE</i> , 2017, 12, e0185227.	2.5	5
52	Orchid Hybrid Recognition: A Molecular Approach. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1996, 130, 365-365.	0.0	1
53	Activity on DNA of the Rips from Phytolaccaceae. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1996, 130, 393-393.	0.0	0
54	Genes and Noncoding RNAs Involved in Flower Development in <i>Orchis italica</i> . <i>Compendium of Plant Genomes</i> , 2021, , 133-143.	0.5	0