Javier Montero-Pau

List of Publications by Year
in descending order

34	1,284	567281 15	395702 33
papers	citations	h-index	g-index

44	44	44	1511
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of an inexpensive and highâ€throughput genomic DNA extraction method for the molecular ecology of zooplanktonic diapausing eggs. Limnology and Oceanography: Methods, 2008, 6, 218-222.	2.0	237
2	Genomic variation in tomato, from wild ancestors to contemporary breeding accessions. BMC Genomics, 2015, 16, 257.	2.8	190
3	De novo assembly of the zucchini genome reveals a wholeâ€genome duplication associated with the origin of the Cucurbita genus. Plant Biotechnology Journal, 2018, 16, 1161-1171.	8.3	160
4	An SNP-based saturated genetic map and QTL analysis of fruit-related traits in Zucchini using Genotyping-by-sequencing. BMC Genomics, 2017, 18, 94.	2.8	93
5	Persistent genetic signatures of colonization in Brachionus manjavacas rotifers in the Iberian Peninsula. Molecular Ecology, 2007, 16, 3228-3240.	3.9	70
6	Long-Term Coexistence of Rotifer Cryptic Species. PLoS ONE, 2011, 6, e21530.	2.5	59
7	Exploiting the diversity of tomato: the development of a phenotypically and genetically detailed germplasm collection. Horticulture Research, 2020, 7, 66.	6.3	49
8	Ecological differentiation in cryptic rotifer species: what we can learn from the Brachionus plicatilis complex. Hydrobiologia, 2017, 796, 7-18.	2.0	39
9	Life-Cycle Switching and Coexistence of Species with No Niche Differentiation. PLoS ONE, 2011, 6, e20314.	2.5	37
10	Whole-genome resequencing of Cucurbita pepo morphotypes to discover genomic variants associated with morphology and horticulturally valuable traits. Horticulture Research, 2019, 6, 94.	6.3	34
11	Morphological Similarity and Ecological Overlap in Two Rotifer Species. PLoS ONE, 2013, 8, e57087.	2.5	32
12	A Major QTL Located in Chromosome 8 of Cucurbita moschata Is Responsible for Resistance to Tomato Leaf Curl New Delhi Virus. Frontiers in Plant Science, 2020, 11, 207.	3.6	30
13	Life-history traits, abiotic environment and coexistence: The case of two cryptic rotifer species. Journal of Experimental Marine Biology and Ecology, 2015, 465, 142-152.	1.5	29
14	Loss of Arabidopsis Î²-COP Function Affects Golgi Structure, Plant Growth and Tolerance to Salt Stress. Frontiers in Plant Science, 2020, 11, 430.	3.6	20
15	Sex ratio, reproductive mode and genetic diversity in Triops cancriformis. Freshwater Biology, 2009, 54, 1392-1405.	2.4	17
16	AtPGAP1 functions as a GPI inositol-deacylase required for efficient transport of GPI-anchored proteins. Plant Physiology, 2021, 187, 2156-2173.	4.8	16
17	Diapausing egg banks, lake size, and genetic diversity in the rotifer Brachionus plicatilis MÃ¼ller (Rotifera, Monogononta). Hydrobiologia, 2017, 796, 77-91.	2.0	15
18	Founder effects drive the genetic structure of passively dispersed aquatic invertebrates. PeerJ, 2018, 6, e6094.	2.0	15

#	Article	IF	Citations
19	Long-Term Competitive Dynamics of Two Cryptic Rotifer Species: Diapause and Fluctuating Conditions. PLoS ONE, 2015, 10, e0124406.	2.5	14
20	RNA-Seq Transcriptome Analysis Provides Candidate Genes for Resistance to Tomato Leaf Curl New Delhi Virus in Melon. Frontiers in Plant Science, 2021, 12, 798858.	3.6	14
21	Haplotype analyses reveal novel insights into tomato history and domestication driven by long-distance migrations and latitudinal adaptations. Horticulture Research, 2022, 9, .	6.3	13
22	Measuring the potential for growth in populations investing in diapause. Ecological Modelling, 2014, 272, 76-83.	2.5	12
23	Discovery of a Major QTL Controlling Trichome IV Density in Tomato Using K-Seq Genotyping. Genes, 2021, 12, 243.	2.4	12
24	A comprehensive RNA-Seq-based gene expression atlas of the summer squash (Cucurbita pepo) provides insights into fruit morphology and ripening mechanisms. BMC Genomics, 2021, 22, 341.	2.8	12
25	Life-history variation, environmental fluctuations and competition in ecologically similar species: modeling the case of rotifers. Journal of Plankton Research, 2015, 37, 953-965.	1.8	11
26	European traditional tomatoes galore: a result of farmersâ€™ selection of a few diversity-rich loci. Journal of Experimental Botany, 2022, 73, 3431-3445.	4.8	11
27	Effect of experimental methodology on estimation of density at sex initiation in cyclically parthenogenetic rotifers. Hydrobiologia, 2011, 662, 131-139.	2.0	10
28	The effect of environmental uncertainty and diapause investment on the occurrence of specialist and generalist species. International Review of Hydrobiology, 2014, 99, 125-132.	0.9	6
29	Development of Environmental Health Competencies through Compulsory Education. A Polyhedral Approach Based on the SDGs. Sustainability, 2020, 12, 3215.	3.2	6
30	Genetics and Genomics of Cucurbita spp.. Plant Genetics and Genomics: Crops and Models, 2016, , 211-227.	0.3	4
31	Genetic Variability of the Mating Recognition Gene in Populations of Brachionus plicatilis. Diversity, 2022, 14, 155.	1.7	4
32	Insight into incipient reproductive isolation in diverging populations of Brachionus plicatilis rotifer. Hydrobiologia, 0, , .	2.0	3
33	Are pre-service Primary School teachers prepared to teach science by inquiry?. , 0, , .		2
34	Development of genomic resources for the phylogenetic analysis of the Brachionus plicatilis species complex (Rotifera: Monogononta). Hydrobiologia, 2011, 662, 43-50.	2.0	1