Benjamin Brachi

List of Publications by Year
in descending order

17	4,199	567281 15	888059 17
papers	citations	h-index	g-index

21	21	21	6045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide association study of 107 phenotypes in Arabidopsis thaliana inbred lines. Nature, 2010, 465, 627-631.	27.8	1,651
2	Adaptation to Climate Across the Arabidopsis thaliana Genome. Science, 2011, 334, 83-86.	12.6	636
3	Genome-wide association studies in plants: the missing heritability is in the field. Genome Biology, 2011, 12, 232.	9.6	502
4	Linkage and Association Mapping of Arabidopsis thaliana Flowering Time in Nature. PLoS Genetics, 2010, 6, e1000940.	3.5	415
5	Oak genome reveals facets of long lifespan. Nature Plants, 2018, 4, 440-452.	9.3	303
6	Coselected genes determine adaptive variation in herbivore resistance throughout the native range of Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4032-4037.	7.1	117
7	The rate and potential relevance of new mutations in a colonizing plant lineage. PLoS Genetics, 2018, 14, e1007155.	3.5	116
8	Investigation of the geographical scale of adaptive phenological variation and its underlying genetics in <scp>A</scp>rabidopsis thaliana. Molecular Ecology, 2013, 22, 4222-4240.	3.9	101
9	Genomeâ€wide association studies on the phyllosphere microbiome: Embracing complexity in hostâ€“microbe interactions. Plant Journal, 2019, 97, 164-181.	5.7	77
10	Genome-wide analysis of Cushion willow provides insights into alpine plant divergence in a biodiversity hotspot. Nature Communications, 2019, 10, 5230.	12.8	75
11	Adaptive Value of Phenological Traits in Stressful Environments: Predictions Based on Seed Production and Laboratory Natural Selection. PLoS ONE, 2012, 7, e32069.	2.5	48
12	Gender Variation and Inbreeding Depression in Gynodioeciousâ€Cynomonoecious Silene nutans (Caryophyllaceae). International Journal of Plant Sciences, 2010, 171, 53-62.	1.3	35
13	Assessing the potential to harness the microbiome through plant genetics. Current Opinion in Biotechnology, 2021, 70, 167-173.	6.6	25
14	Phylogeography of a widely distributed species reveals a cryptic assemblage of distinct genetic lineages needing separate conservation strategies. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 35, 44-51.	2.7	22
15	Oak genotype and phenolic compounds differently affect the performance of two insect herbivores with contrasting diet breadth. Tree Physiology, 2019, 39, 615-627.	3.1	22
16	The genetics of exapted resistance to two exotic pathogens in pedunculate oak. New Phytologist, 2020, 226, 1088-1103.	7.3	20
17	Genome-wide association mapping of flowering time inArabidopsis thalianain nature: genetics for underlying components and reaction norms across two successive years. Acta Botanica Gallica, 2013, 160, 205-219.	0.9	19