James Borrell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2347943/publications.pdf

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27	766	933447	610901
papers	citations	10 h-index	24 g-index

38	38	38	872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unlocking plant resources to support food security and promote sustainable agriculture. Plants People Planet, 2020, 2, 421-445.	3.3	130
2	Enset in Ethiopia: a poorly characterized but resilient starch staple. Annals of Botany, 2019, 123, 747-766.	2.9	119
3	Unidirectional diploidâ€“tetraploid introgression among British birch trees with shifting ranges shown by restriction siteâ€associated markers. Molecular Ecology, 2016, 25, 2413-2426.	3.9	78
4	Potential adaptive strategies for 29 sub-Saharan crops under future climate change. Nature Climate Change, 2019, 9, 758-763.	18.8	73
5	Ensetâ€based agricultural systems in Ethiopia: A systematic review of production trends, agronomy, processing and the wider food security applications of a neglected banana relative. Plants People Planet, 2020, 2, 212-228.	3.3	52
6	Toward Unifying Global Hotspots of Wild and Domesticated Biodiversity. Plants, 2020, 9, 1128.	3.5	47
7	Molecular footprints of the <scp>H</scp>olocene retreat of dwarf birch in <scp>B</scp>ritain. Molecular Ecology, 2014, 23, 2771-2782.	3.9	45
8	The climatic challenge: Which plants will people use in the next century?. Environmental and Experimental Botany, 2020, 170, 103872.	4.2	45
9	Genomic assessment of local adaptation in dwarf birch to inform assisted gene flow. Evolutionary Applications, 2020, 13, 161-175.	3.1	37
10	Genetic diversity maintained among fragmented populations of a tree undergoing range contraction. Heredity, 2018, 121, 304-318.	2.6	22
11	Modelling potential range expansion of an underutilised food security crop in Sub-Saharan Africa. Environmental Research Letters, 2022, 17, 014022.	5.2	13
12	Micronutrient composition and microbial community analysis across diverse landraces of the Ethiopian orphan crop enset. Food Research International, 2020, 137, 109636.	6.2	12
13	Is the Atkinson discriminant function a reliable method for distinguishing betweenBetula pendulaandB. pubescens(Betulaceae)?. New Journal of Botany, 2014, 4, 90-94.	0.1	11
14	The landscape of microsatellites in the enset (Ensete ventricosum) genome and web-based marker resource development. Scientific Reports, 2020, 10, 15312.	3.3	11
15	Natural interploidy hybridization among the key taxa involved in the origin of horticultural chrysanthemums. Journal of Systematics and Evolution, 2022, 60, 1281-1290.	3.1	10
16	Uses and benefits of digital sequence information from plant genetic resources: Lessons learnt from botanical collections. Plants People Planet, 2022, 4, 33-43.	3.3	10
17	Rapid assessment protocol for pollen settling velocity: implications for habitat fragmentation. Bioscience Horizons, 2012, 5, hzs002-hzs002.	0.6	8
18	Islands in the desert: environmental distribution modelling of endemic flora reveals the extent of Pleistocene tropical relict vegetation in southern Arabia. Annals of Botany, 2019, 124, 411-422.	2.9	7

#	Article	IF	Citations
19	The Genetic Diversity of Enset (Ensete ventricosum) Landraces Used in Traditional Medicine Is Similar to the Diversity Found in Non-medicinal Landraces. Frontiers in Plant Science, 2021, 12, 756182.	3.6	6
20	Introgression between Betula tianshanica and Betula microphylla and its implications for conservation. Plants People Planet, 2021, 3, 363-374.	3.3	5
21	Molecular and morphological analyses clarify species delimitation in section Costatae and reveal Betula buggsii sp. nov. (sect. Costatae, Betulaceae) in China. Annals of Botany, 2022, 129, 415-428.	2.9	4
22	A new frog species of the subgenus Asperomantis (Anura, Mantellidae, Gephyromantis) from the Bealanana District of northern Madagascar. Zoosystematics and Evolution, 2017, 93, 451-466.	1.1	3
23	Reproductive biology of wild and domesticated Ensete ventricosum: Further evidence for maintenance of sexual reproductive capacity in a vegetatively propagated perennial crop. Plant Biology, 2022, 24, 482-491.	3.8	3
24	Utilize existing genetic diversity before genetic modification in indigenous crops. Nature Biotechnology, 2021, 39, 1064-1065.	17.5	2
25	An inventory of herpetofauna from Wadi Sayq, Dhofar, Oman. Journal of Threatened Taxa, 2016, 8, 9454.	0.3	1
26	17th Student Conference on Conservation Science. Oryx, 2016, 50, 390-391.	1.0	0
27	Lessons From A Year Of Citizen Science. Human Computation, 2014, 1, .	1.4	0