

James Borrell

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

766
citations

933447

10
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural interploidy hybridization among the key taxa involved in the origin of horticultural chrysanthemums. <i>Journal of Systematics and Evolution</i> , 2022, 60, 1281-1290.	3.1	10
2	Uses and benefits of digital sequence information from plant genetic resources: Lessons learnt from botanical collections. <i>Plants People Planet</i> , 2022, 4, 33-43.	3.3	10
3	Molecular and morphological analyses clarify species delimitation in section <i>Costatae</i> and reveal <i>Betula buggsii</i> sp. nov. (sect. <i>Costatae</i> , Betulaceae) in China. <i>Annals of Botany</i> , 2022, 129, 415-428.	2.9	4
4	Reproductive biology of wild and domesticated <i>Ensete ventricosum</i> : Further evidence for maintenance of sexual reproductive capacity in a vegetatively propagated perennial crop. <i>Plant Biology</i> , 2022, 24, 482-491.	3.8	3
5	Modelling potential range expansion of an underutilised food security crop in Sub-Saharan Africa. <i>Environmental Research Letters</i> , 2022, 17, 014022.	5.2	13
6	Introgression between <i>Betula tianshanica</i> and <i>Betula microphylla</i> and its implications for conservation. <i>Plants People Planet</i> , 2021, 3, 363-374.	3.3	5
7	Utilize existing genetic diversity before genetic modification in indigenous crops. <i>Nature Biotechnology</i> , 2021, 39, 1064-1065.	17.5	2
8	The Genetic Diversity of Enset (<i>Ensete ventricosum</i>) Landraces Used in Traditional Medicine Is Similar to the Diversity Found in Non-medicinal Landraces. <i>Frontiers in Plant Science</i> , 2021, 12, 756182.	3.6	6
9	The climatic challenge: Which plants will people use in the next century?. <i>Environmental and Experimental Botany</i> , 2020, 170, 103872.	4.2	45
10	Ensete-based agricultural systems in Ethiopia: A systematic review of production trends, agronomy, processing and the wider food security applications of a neglected banana relative. <i>Plants People Planet</i> , 2020, 2, 212-228.	3.3	52
11	Genomic assessment of local adaptation in dwarf birch to inform assisted gene flow. <i>Evolutionary Applications</i> , 2020, 13, 161-175.	3.1	37
12	Unlocking plant resources to support food security and promote sustainable agriculture. <i>Plants People Planet</i> , 2020, 2, 421-445.	3.3	130
13	The landscape of microsatellites in the enset (<i>Ensete ventricosum</i>) genome and web-based marker resource development. <i>Scientific Reports</i> , 2020, 10, 15312.	3.3	11
14	Micronutrient composition and microbial community analysis across diverse landraces of the Ethiopian orphan crop enset. <i>Food Research International</i> , 2020, 137, 109636.	6.2	12
15	Toward Unifying Global Hotspots of Wild and Domesticated Biodiversity. <i>Plants</i> , 2020, 9, 1128.	3.5	47
16	Islands in the desert: environmental distribution modelling of endemic flora reveals the extent of Pleistocene tropical relict vegetation in southern Arabia. <i>Annals of Botany</i> , 2019, 124, 411-422.	2.9	7
17	Potential adaptive strategies for 29 sub-Saharan crops under future climate change. <i>Nature Climate Change</i> , 2019, 9, 758-763.	18.8	73
18	Enset in Ethiopia: a poorly characterized but resilient starch staple. <i>Annals of Botany</i> , 2019, 123, 747-766.	2.9	119

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19	Genetic diversity maintained among fragmented populations of a tree undergoing range contraction. <i>Heredity</i> , 2018, 121, 304-318.	2.6	22
20	A new frog species of the subgenus <i>Asperomantis</i> (Anura, Mantellidae, Gephyromantis) from the Bealanana District of northern Madagascar. <i>Zoosystematics and Evolution</i> , 2017, 93, 451-466.	1.1	3
21	17th Student Conference on Conservation Science. <i>Oryx</i> , 2016, 50, 390-391.	1.0	0
22	Unidirectional diploid-tetraploid introgression among British birch trees with shifting ranges shown by restriction site-associated markers. <i>Molecular Ecology</i> , 2016, 25, 2413-2426.	3.9	78
23	An inventory of herpetofauna from Wadi Sayq, Dhofar, Oman. <i>Journal of Threatened Taxa</i> , 2016, 8, 9454.	0.3	1
24	Is the Atkinson discriminant function a reliable method for distinguishing between <i>Betula pendula</i> and <i>B. pubescens</i> (Betulaceae)? <i>New Journal of Botany</i> , 2014, 4, 90-94.	0.1	11
25	Molecular footprints of the Holocene retreat of dwarf birch in Britain. <i>Molecular Ecology</i> , 2014, 23, 2771-2782.	3.9	45
26	Lessons From A Year Of Citizen Science. <i>Human Computation</i> , 2014, 1, .	1.4	0
27	Rapid assessment protocol for pollen settling velocity: implications for habitat fragmentation. <i>Bioscience Horizons</i> , 2012, 5, hzs002-hzs002.	0.6	8