

# Jose Antonio Navarro-Cano

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,261  
citations

394421

19  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Root characteristics of representative Mediterranean plant species and their erosion-reducing potential during concentrated runoff. <i>Plant and Soil</i> , 2007, 294, 169-183.	3.7	206
2	Effectiveness and geomorphological impacts of check dams for soil erosion control in a semiarid Mediterranean catchment: El Crcavo (Murcia, Spain). <i>Catena</i> , 2007, 70, 416-427.	5.0	176
3	Abiotic stress tolerance and competitionrelated traits underlie phylogenetic clustering in soil bacterial communities. <i>Ecology Letters</i> , 2014, 17, 1191-1201.	6.4	98
4	Seed dormancy in alpine species. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 845-856.	1.2	74
5	Traitbased selection of nurse plants to restore ecosystem functions in mine tailings. <i>Journal of Applied Ecology</i> , 2018, 55, 1195-1206.	4.0	53
6	Resilience to fire of phylogenetic diversity across biological domains. <i>Molecular Ecology</i> , 2018, 27, 2896-2908.	3.9	49
7	Plant phylodiversity enhances soil microbial productivity in facilitation-driven communities. <i>Oecologia</i> , 2014, 174, 909-920.	2.0	44
8	What nurse shrubs can do for barren soils: rapid productivity shifts associated with a 40years ontogenetic gradient. <i>Plant and Soil</i> , 2015, 388, 197-209.	3.7	43
9	Seedling recruitment in a semi-arid steppe: The role of microsite and post-dispersal seed predation. <i>Journal of Arid Environments</i> , 2006, 67, 701-714.	2.4	42
10	Incorporating phylogenetic metrics to microbial cooccurrence networks based on amplicon sequences to discern community assembly processes. <i>Molecular Ecology Resources</i> , 2019, 19, 1552-1564.	4.8	41
11	Using plant functional distances to select species for restoration of mining sites. <i>Journal of Applied Ecology</i> , 2019, 56, 2353-2362.	4.0	41
12	Soil dynamics in <i>Pinus halepensis</i> reforestation: Effect of microenvironments and previous land use. <i>Geoderma</i> , 2009, 153, 353-361.	5.1	35
13	Successional trajectories of soil bacterial communities in mine tailings: The role of plant functional traits. <i>Journal of Environmental Management</i> , 2019, 241, 284-292.	7.8	33
14	Climate change, phenology, and butterfly host plant utilization. <i>Ambio</i> , 2015, 44, 78-88.	5.5	29
15	Latitudinal variation in thermal reaction norms of post-winter pupal development in two butterflies differing in phenological specialization. <i>Biological Journal of the Linnean Society</i> , 2014, 113, 981-991.	1.6	28
16	Correspondence of seed traits with niche position in glacier foreland succession. <i>Plant Ecology</i> , 2012, 213, 371-382.	1.6	27
17	Pine Litter from Afforestations Hinders the Establishment of Endemic Plants in Semiarid Scrubby Habitats of Natura 2000 Network. <i>Restoration Ecology</i> , 2010, 18, 165-169.	2.9	25
18	Species-specific roles of ectomycorrhizal fungi in facilitating interplant transfer of hydraulically redistributed water between <i>Pinus halepensis</i> saplings and seedlings. <i>Plant and Soil</i> , 2016, 406, 15-27.	3.7	25

#	ARTICLE	IF	CITATIONS
19	Variation in plant thermal reaction norms along a latitudinal gradient “ more than adaptation to season length. <i>Oikos</i> , 2016, 125, 622-628.	2.7	22
20	Opposing phylogenetic diversity gradients of plant and soil bacterial communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153003.	2.6	22
21	Pine plantation bands limit seedling recruitment of a perennial grass under semiarid conditions. <i>Journal of Arid Environments</i> , 2009, 73, 120-126.	2.4	20
22	Restoring phylogenetic diversity through facilitation. <i>Restoration Ecology</i> , 2016, 24, 449-455.	2.9	19
23	Additive effects of nurse and facilitated plants on ecosystem functions. <i>Journal of Ecology</i> , 2019, 107, 2587-2597.	4.0	16
24	Phenotypic structure of plant facilitation networks. <i>Ecology Letters</i> , 2021, 24, 509-519.	6.4	16
25	Constructed pine log piles facilitate plant establishment in mining drylands. <i>Journal of Environmental Management</i> , 2020, 271, 111015.	7.8	14
26	Effect of grass litter on seedling recruitment of the critically endangered <i>Cistus heterophyllus</i> in Spain. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2008, 203, 663-668.	1.2	13
27	Same nurse but different time: temporal divergence in the facilitation of plant lineages with contrasted functional syndromes. <i>Functional Ecology</i> , 2016, 30, 1854-1861.	3.6	11
28	Combating Desertification and Land Degradation. <i>SpringerBriefs in Environmental Science</i> , 2017, , .	0.3	11
29	Butterfly“host plant synchrony determines patterns of host use across years and regions. <i>Oikos</i> , 2019, 128, 493-502.	2.7	9
30	Plant facilitation as a tool to restore diversity and ecosystem functions. <i>Ecosistemas</i> , 2019, 28, 20-31.	0.4	6
31	Induction of Seed Germination in <i>Cistus heterophyllus</i> (Cistaceae): A Rock Rose Critically Endangered in Spain. <i>Journal of Botany (Faisalabad)</i> , 2009, 4, 10-16.	0.8	5
32	The role of seed traits as segregation factors of hybrids in wild populations of <i>Cistus</i> (Cistaceae). <i>Plant Biosystems</i> , 2017, 151, 530-538.	1.6	4
33	Natural Seed Limitation and Effectiveness of Forest Plantations to Restore Semiarid Abandoned Metal Mining Areas in SE Spain. <i>Forests</i> , 2021, 12, 548.	2.1	2
34	Facilitation enhances ecosystem function with non“random species gains. <i>Oikos</i> , 0, , .	2.7	2