

Ef시오 Mattana

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,804
citations

304743

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330143

37
g-index

78
all docs

78
docs citations

78
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeds as natural capital. Trends in Plant Science, 2022, 27, 139-146.	8.8	9
2	The role of fruit traits on the germination of Mesosphaerum suaveolens and Cantinoa americana (Lamiaceae), two pesticidal plant species. Scientia Horticulturae, 2022, 295, 110839.	3.6	1
3	Regeneration in recalcitrant-seeded species and risks from climate change. , 2022, , 259-273.		8
4	Climate change and plant regeneration from seeds in Mediterranean regions of the Northern Hemisphere. , 2022, , 101-114.		2
5	Climate shapes the seed germination niche of temperate flowering plants: a meta-analysis of European seed conservation data. Annals of Botany, 2022, 129, 775-786.	2.9	23
6	Correlated evolution of seed mass and genome size varies among life forms in flowering plants. Seed Science Research, 2022, 32, 46-52.	1.7	12
7	Thermal niche for germination and early seedling establishment at the leading edge of two pine species, under a changing climate. Environmental and Experimental Botany, 2021, 181, 104288.	4.2	7
8	Functional seed traits and germination patterns predict species coexistence in Northeast Mediterranean foredune communities. Annals of Botany, 2021, 127, 361-370.	2.9	11
9	The seed germination spectrum of alpine plants: a global meta-analysis. New Phytologist, 2021, 229, 3573-3586.	7.3	66
10	Thermal Niche for Seed Germination and Species Distribution Modelling of Swietenia macrophylla King (Mahogany) under Climate Change Scenarios. Plants, 2021, 10, 2377.	3.5	5
11	Assessing seed desiccation responses of native trees in the Caribbean. New Forests, 2020, 51, 705-721.	1.7	12
12	The climatic challenge: Which plants will people use in the next century?. Environmental and Experimental Botany, 2020, 170, 103872.	4.2	45
13	Unlocking plant resources to support food security and promote sustainable agriculture. Plants People Planet, 2020, 2, 421-445.	3.3	130
14	Born to Eat Wild: An Integrated Conservation Approach to Secure Wild Food Plants for Food Security and Nutrition. Plants, 2020, 9, 1299.	3.5	62
15	Differential Interpretation of Mountain Temperatures by Endospermic Seeds of Three Endemic Species Impacts the Timing of In Situ Germination. Plants, 2020, 9, 1382.	3.5	7
16	Native trees of Mexico: diversity, distribution, uses and conservation. PeerJ, 2020, 8, e9898.	2.0	19
17	Morphological and functional seed traits of the wild medicinal plant Dioscorea strydomiana, the most threatened yam in the world. Plant Biology, 2019, 21, 515-522.	3.8	2
18	Thermal Time and Cardinal Temperatures for Germination of Cedrela odorata L.. Forests, 2019, 10, 841.	2.1	14

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19	Enhancing Food Security through Seed Banking and Use of Wild Plants: Case Studies from the Royal Botanic Gardens, Kew. , 2019, , 32-38.		2
20	Interaction of functional and environmental traits on seed germination of the multipurpose tree <i>Flacourtia indica</i> . South African Journal of Botany, 2019, 125, 427-433.	2.5	1
21	Seeds of future past: climate change and the thermal memory of plant reproductive traits. Biological Reviews, 2019, 94, 439-456.	10.4	74
22	Thermal thresholds for seed germination in Mediterranean species are higher in mountain compared with lowland areas. Seed Science Research, 2019, 29, 44-54.	1.7	21
23	Understanding biological and ecological factors affecting seed germination of the multipurpose tree <i>Anogeissus leiocarpa</i> . Plant Biology, 2018, 20, 602-609.	3.8	9
24	Integration of genetic and seed fitness data to the conservation of isolated subpopulations of the Mediterranean plant <i>Malcolmia littorea</i> . Plant Biology, 2018, 20, 203-213.	3.8	5
25	Inter- and intra-variability of seed germination traits of <i>Carpobrotus edulis</i> N.E.Br. and its hybrid <i>C. affine acinaciformis</i> . Plant Biology, 2018, 20, 1059-1067.	3.8	9
26	Conservation of indigenous plants to support community livelihoods: the MGU " Useful Plants Project. Journal of Environmental Planning and Management, 2017, 60, 668-683.	4.5	19
27	Thermal requirements for seed germination of underutilized <i>Lippia</i> species. South African Journal of Botany, 2017, 109, 223-230.	2.5	15
28	A new seed bank for Hispaniola to support the conservation and sustainable use of the Caribbean native flora. Oryx, 2017, 51, 394-395.	1.0	2
29	Photoinhibition of seed germination: occurrence, ecology and phylogeny. Seed Science Research, 2017, 27, 131-153.	1.7	53
30	Variability on morphological and ecological seed traits of <i>Limonium avei</i> (<i>Limonium</i> sp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Species Biology, 2017, 32, 368-379.	1.0	12
31	Effects of NaCl stress on seed germination and seedling development of <i>Brassica insularis</i> Moris (Brassicaceae). Plant Biology, 2017, 19, 368-376.	3.8	23
32	Dissecting seed dormancy and germination in <i>Aquilegia barbaricina</i> , through thermal kinetics of embryo growth. Plant Biology, 2017, 19, 983-993.	3.8	18
33	Conserving seeds of useful wild plants in Mexico: main issues and recommendations. Genetic Resources and Crop Evolution, 2017, 64, 1141-1190.	1.6	21
34	Effect of temperature and cold stratification on seed germination of the Mediterranean wild aromatic <i>Clinopodium sandaliticum</i> (Lamiaceae). Plant Biosystems, 2016, 150, 846-850.	1.6	12
35	Enhancing science-based conservation of the threatened flora of Sardinia. Oryx, 2016, 50, 205-205.	1.0	0
36	Sequential temperature control of multi-phasic dormancy release and germination of <i>Paeonia corsica</i> seeds. Journal of Plant Ecology, 2016, 9, 464-473.	2.3	19

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37	A new species of <i>Aquilegia</i> (Ranunculaceae) from Sardinia (Italy). <i>Phytotaxa</i> , 2015, 56, 59.	0.3	8
38	Morpho-colorimetric analysis and seed germination of <i>Brassica insularis</i> Moris (Brassicaceae) populations. <i>Plant Biology</i> , 2015, 17, 335-343.	3.8	26
39	Conservation genetics of two island endemic <i>Ribes</i> spp. (Grossulariaceae) of Sardinia: survival or extinction?. <i>Plant Biology</i> , 2015, 17, 1085-1094.	3.8	20
40	Inter- and intra-specific variability in seed dormancy loss and germination requirements in the <i>Lavatera triloba</i> aggregate (Malvaceae). <i>Plant Ecology and Evolution</i> , 2015, 148, 100-110.	0.7	30
41	<i>Lamyropsis</i> genus in the Mediterranean area: Phylogenetic position of <i>L. microcephala</i> (Asteraceae). <i>Trends in Plant Science</i> , 2015, 10, 1-6.	1.6	3
42	Seed germination and survival of the endangered psammophilous <i>Rouya polygama</i> (Apiaceae) in different light, temperature and NaCl conditions. <i>Seed Science Research</i> , 2014, 24, 331-339.	1.7	26
43	Dependency of seed dormancy types on embryo traits and environmental conditions in <i>Ribes</i> species. <i>Plant Biology</i> , 2014, 16, 740-747.	3.8	11
44	Light, temperature, dry after-ripening and salt stress effects on seed germination of <i>Phleum sardoum</i> (Hackel) Hackel. <i>Plant Species Biology</i> , 2014, 29, 300-305.	1.0	24
45	Hotspots within hotspots: Endemic plant richness, environmental drivers, and implications for conservation. <i>Biological Conservation</i> , 2014, 170, 282-291.	4.1	174
46	Inter- and intraspecific morphometric variability in <i>Juniperus</i> L. seeds (Cupressaceae). <i>Systematics and Biodiversity</i> , 2014, 12, 211-223.	1.2	21
47	Rapid adaptation of seed germination requirements of the threatened Mediterranean species <i>Malcolmia littorea</i> (Brassicaceae) and implications for its reintroduction. <i>South African Journal of Botany</i> , 2014, 94, 46-50.	2.5	19
48	Effects of pre-treatments and temperature on seed viability and germination of <i>Juniperus macrocarpa</i> Sm.. <i>Comptes Rendus - Biologies</i> , 2014, 337, 338-344.	0.2	13
49	Seasonality effects on plant phenology and seed ecology in <i>Oritrophium peruvianum</i> (Asteraceae), a threatened tropical alpine species. <i>South African Journal of Botany</i> , 2013, 88, 278-285.	2.5	3
50	Geographic isolation affects inter- and intra-specific seed variability in the <i>Astragalus tragacantha</i> complex, as assessed by morpho-colorimetric analysis. <i>Comptes Rendus - Biologies</i> , 2013, 336, 102-108.	0.2	16
51	Thermal niche for in situ seed germination by Mediterranean mountain streams: model prediction and validation for <i>Rhamnus persicifolia</i> seeds. <i>Annals of Botany</i> , 2013, 112, 1887-1897.	2.9	42
52	Floristic Traits and Biogeographic Characterization of the Gennargentu Massif (Sardinia). <i>Candollea</i> , 2013, 68, 209.	0.2	15
53	Preliminary assessment of the genetic diversity in <i>Lamyropsis microcephala</i> (Asteraceae). <i>Plant Biosystems</i> , 2013, 147, 500-507.	1.6	10
54	Interchangeable effects of gibberellic acid and temperature on embryo growth, seed germination and epicotyl emergence in <i>Ribes multiflorum</i> ssp. <i>sandalioticum</i> (Grossulariaceae). <i>Plant Biology</i> , 2012, 14, 77-87.	3.8	31

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55	From seed to seedling: A critical transitional stage for the Mediterranean psammophilous species <i>Dianthus morisianus</i> (Caryophyllaceae). <i>Plant Biosystems</i> , 2012, 146, 910-917.	1.6	30
56	Conservation of endemic insular plants: the genus <i>Ribes</i> L. (Grossulariaceae) in Sardinia. <i>Oryx</i> , 2012, 46, 219-222.	1.0	22
57	Thermal thresholds as predictors of seed dormancy release and germination timing: altitude-related risks from climate warming for the wild grapevine <i>Vitis vinifera</i> subsp. <i>sylvestris</i> . <i>Annals of Botany</i> , 2012, 110, 1651-1660.	2.9	68
58	Adaptation to habitat in <i>Aquilegia</i> species endemic to Sardinia (Italy): Seed dispersal, germination and persistence in the soil. <i>Plant Biosystems</i> , 2012, 146, 374-383.	1.6	38
59	Seed Production and <i>in situ</i> Germination of <i>Lamyropsis microcephala</i> (Asteraceae), a Threatened Mediterranean Mountain Species. <i>Arctic, Antarctic, and Alpine Research</i> , 2012, 44, 343-349.	1.1	8
60	Spatial genetic structure of <i>Aquilegia</i> taxa endemic to the island of Sardinia. <i>Annals of Botany</i> , 2012, 109, 953-964.	2.9	37
61	Seed germination responses to varying environmental conditions and provenances in <i>Crucianella maritima</i> L., a threatened coastal species. <i>Comptes Rendus - Biologies</i> , 2012, 335, 26-31.	0.2	23
62	A checklist of the exclusive vascular flora of Sardinia with priority rankings for conservation. <i>Anales Del Jardin Botanico De Madrid</i> , 2012, 69, 81-89.	0.4	45
63	Identification of Sardinian Species of <i>Astragalus</i> Section <i>Melanocercis</i> (Fabaceae) by Seed Image Analysis. <i>Annales Botanici Fennici</i> , 2011, 48, 449-454.	0.1	22
64	Ecological remarks on <i>Astragalus maritimus</i> and <i>A. verrucosus</i> , two threatened exclusive endemic species of Sardinia. <i>Acta Botanica Gallica</i> , 2011, 158, 79-91.	0.9	13
65	Genetic variability of the narrow endemic <i>Rhamnus persicifolia</i> Moris (Rhamnaceae) and its implications for conservation. <i>Biochemical Systematics and Ecology</i> , 2011, 39, 477-484.	1.3	19
66	Distribution, status and conservation of a Critically Endangered, extremely narrow endemic: <i>Lamyropsis microcephala</i> (Asteraceae) in Sardinia. <i>Oryx</i> , 2011, 45, 180-186.	1.0	36
67	Statistical seed classifiers of 10 plant families representative of the Mediterranean vascular flora. <i>Seed Science and Technology</i> , 2010, 38, 455-476.	1.4	36
68	Comparative germination ecology of the endemic <i>Centranthus amazonum</i> (Valerianaceae) and its widespread congener <i>Centranthus ruber</i> . <i>Plant Species Biology</i> , 2010, 25, 165-172.	1.0	23
69	The Endemic Vascular Flora of Supramontes (Sardinia), a Priority Plant Conservation Area. <i>Candollea</i> , 2010, 65, 347.	0.2	55
70	Ecological and morphological seed traits of <i>Polygala sardoa</i> and <i>P. sinisica</i> : A comparative study on two endemic species of Sardinia. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2010, 205, 825-831.	1.2	3
71	Seed dormancy and germination ecology of <i>Lamyropsis microcephala</i> : a mountain endemic species of Sardinia (Italy). <i>Seed Science and Technology</i> , 2009, 37, 491-497.	1.4	13
72	Effects of temperature, light and pre-chilling on germination of <i>Rhamnus persicifolia</i> , an endemic tree species of Sardinia (Italy). <i>Seed Science and Technology</i> , 2009, 37, 758-764.	1.4	7

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73	Morpho-colorimetric characterization by image analysis to identify diaspores of wild plant species. Flora: Morphology, Distribution, Functional Ecology of Plants, 2008, 203, 669-682.	1.2	50
74	Studi di biologia della conservazione di specie vegetali endemiche della Sardegna nell'ambito del progetto "GENMEDOC". Webbia, 2008, 63, 293-307.	0.3	2
75	Germplasm image analysis of <i>Astragalus maritimus</i> and <i>A. verrucosus</i> of Sardinia (subgen. <i>Trimeniaeus</i> , Fabaceae). Anales Del Jardin Botanico De Madrid, 2008, 65, .	0.4	6
76	Territory defence throughout conservation of the plant diversity: the project of the Protected Sea Area of Capo Carbonara (South eastern Sardinia). , 2006, , .		1
77	Regional responsibility for plant conservation: The 2010 GSPC Target 8 in Sardinia. Plant Biosystems, 0, , 1-5.	1.6	4
78	Physiological and environmental control of seed germination timing in Mediterranean mountain populations of <i>Gundelia tournefortii</i> . Plant Growth Regulation, 0, , 1.	3.4	1