Marta Pardos

List of Publications by Year
in descending order

69 papers	1,895 citations	257357 24 h-index	289141 40 g-index
69 all docs	69 docs citations	69 times ranked	1957 citing authors

#	Article	IF	Citations
1	Future ecosystem services from European mountain forests under climate change. Journal of Applied Ecology, 2017, 54, 389-401.	1.9	147
2	Effects of the interaction between drought and shade on water relations, gas exchange and morphological traits in cork oak (Quercus suber L.) seedlings. Forest Ecology and Management, 2005, 210, 117-129.	1.4	137
3	Effects of canopy opening on height and diameter growth in naturally regenerated beech seedlings. Annals of Forest Science, 2001, 58, 127-134.	0.8	122
4	The greater resilience of mixed forests to drought mainly depends on their composition: Analysis along a climate gradient across Europe. Forest Ecology and Management, 2021, 481, 118687.	1.4	104
5	Water-use efficiency in cork oak (Quercus suber) is modified by the interaction of water and light availabilities. Tree Physiology, 2007, 27, 671-677.	1.4	94
6	Species mixing reduces drought susceptibility of Scots pine (Pinus sylvestris L.) and oak (Quercus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Forest Ecology and Management, 2020, 461, 117908.	1.4	65
7	Stand growth and structure of mixed-species and monospecific stands of Scots pine (Pinus sylvestris) Tj ETQq1 1 0.784314 rgBT /Ove Europe. European Journal of Forest Research, 2020, 139, 349-367.	1.1	59
8	Value-based ecosystem service trade-offs in multi-objective management in European mountain forests. Ecosystem Services, 2017, 26, 245-257.	2.3	57
9	Linking climate, annual growth and competition in a Mediterranean forest: Pinus pinea in the Spanish Northern Plateau. Agricultural and Forest Meteorology, 2019, 264, 309-321.	1.9	50
10	Freezing injury in primary and secondary needles of Mediterranean pine species of contrasting ecological niches. Annals of Forest Science, 2009, 66, 407-407.	0.8	46
11	Modelling the influence of light, water and temperature on photosynthesis in young trees of mixed Mediterranean forests. New Forests, 2015, 46, 485-506.	0.7	46
12	Modeling the environmental response of leaf net photosynthesis in Pinus pinea L. natural regeneration. Ecological Modelling, 2013, 251, 9-21.	1.2	44
13	Natural regeneration in Iberian pines: A review of dynamic processes and proposals for management. Forest Systems, 2017, 26, eR02S.	0.1	44
14	Effects of canopy opening on the morphology and anatomy of naturally regenerated beech seedlings. Trees - Structure and Function, 2002, 16, 291-298.	0.9	37
15	Modelling Pinus pinea forest management to attain natural regeneration under present and future climatic scenarios. Canadian Journal of Forest Research, 2014, 44, 250-262.	0.8	37
16	Selecting the best forest management alternative by aggregating ecosystem services indicators over time: A case study in central Spain. Ecological Indicators, 2017, 72, 322-329.	2.6	36
17	Influence of environmental conditions on germinant survival and diversity of Scots pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.1	34
18	Effect of stand structure on Stone pine (Pinus pinea L.) regeneration dynamics. Forestry, 2008, 81, 617-629.	1.2	32

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19	Operational Research Techniques Used for Addressing Biodiversity Objectives into Forest Management: An Overview. Forests, 2016, 7, 229.	0.9	32
20	Water relations of cork oak (Quercus suber L.) seedlings in response to shading and moderate drought. Annals of Forest Science, 2005, 62, 377-384.	0.8	28
21	Interannual variability in competitive effects in mixed and monospecific forests of Mediterranean stone pine. Forest Ecology and Management, 2015, 358, 230-239.	1.4	27
22	Effect of nursery location and outplanting date on field performance of Pinus halepensis and Quercus ilex seedlings. Forestry, 2003, 76, 67-81.	1.2	26
23	Difference in cuticular transpiration and sclerophylly in juvenile and adult pine needles relates to the species-specific rates of development. Trees - Structure and Function, 2009, 23, 501-508.	0.9	26
24	Modelling seed germination in forest tree species through survival analysis. The Pinus pinea L. case study. Forest Ecology and Management, 2013, 289, 515-524.	1.4	26
25	Decline in commercial pine nut and kernel yield in Mediterranean stone pine (Pinus pinea L.) in Spain. IForest, 2020, 13, 251-260.	0.5	24
26	Deep shade alters the acclimation response to moderate water stress in Quercus suber L.. Forestry, 2009, 82, 285-298.	1.2	23
27	Modelling the spatio-temporal pattern of primary dispersal in stone pine (Pinus pinea L.) stands in the Northern Plateau (Spain). Ecological Modelling, 2012, 226, 11-21.	1.2	23
28	Ecosystem service provision, management systems and climate change in ValsaÃn forest, central Spain. Regional Environmental Change, 2017, 17, 17-32.	1.4	23
29	Spatiotemporal variability of stone pine (Pinus pinea L.) growth response to climate across the Iberian Peninsula. Dendrochronologia, 2016, 40, 72-84.	1.0	22
30	Biomass allocation and foliage heteroblasty in hard pine species respond differentially to reduction in rooting volume. European Journal of Forest Research, 2011, 130, 841-850.	1.1	21
31	Shoot growth components and flowering phenology in grafted Pinus halepensis Mill.. Trees - Structure and Function, 2003, 17, 442-450.	0.9	20
32	The role of developmental stage in frost tolerance of Pinus pinea L. seedlings and saplings. Annals of Forest Science, 2014, 71, 551-562.	0.8	20
33	A model-based analysis of climate change vulnerability of Pinus pinea stands under multiobjective management in the Northern Plateau of Spain. Annals of Forest Science, 2015, 72, 1009-1021.	0.8	20
34	Integrating variable retention systems into strategic forest management to deal with conservation biodiversity objectives. Forest Ecology and Management, 2019, 433, 585-593.	1.4	18
35	Growth, nutrient, water relations, and gas exchange in a holm oak plantation in response to irrigation and fertilization. New Forests, 2005, 30, 75-94.	0.7	17
36	â€˜Climatic factors control rodent seed predation in Pinus pinea L. stands in Central Spainâ€™. Annals of Forest Science, 2014, 71, 873-883.	0.8	17

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37	Modelling spatiotemporal dynamics of Pinus pinea cone infestation by Dioryctria mendacella. Forest Ecology and Management, 2017, 389, 136-148.	1.4	17
38	Enhanced tools for predicting annual stone pine (Pinus pinea L.) cone production at tree and forest scale in Inner Spain. Forest Systems, 2016, 25, e079.	0.1	17
39	Adapting a model for even-aged Pinus pinea L. stands to complex multi-aged structures. Forest Ecology and Management, 2008, 256, 1390-1399.	1.4	16
40	A silviculture-oriented spatio-temporal model for germination in Pinus pinea L. in the Spanish Northern Plateau based on a direct seeding experiment. European Journal of Forest Research, 2013, 132, 969-982.	1.1	16
41	Ecological implications of different water use strategies in three coexisting mediterranean tree species. Forest Ecology and Management, 2016, 382, 76-87.	1.4	16
42	Seasonal changes in the physiological activity of regeneration under a natural light gradient in a Pinus pinea regular stand. Forest Systems, 2010, 19, 367.	0.1	16
43	Interactive responses of Quercus suber L. seedlings to light and mild water stress: effects on morphology and gas exchange traits. Annals of Forest Science, 2008, 65, 611-611.	0.8	15
44	Development of cork oak (Quercus suber L.) seedlings in response to tree shelters and mulching in northwestern Tunisia. Journal of Forestry Research, 2013, 24, 193-204.	1.7	15
45	A new multifactorial approach for studying intra-annual secondary growth dynamics in Mediterranean mixed forests: integrating biotic and abiotic interactions. Canadian Journal of Forest Research, 2018, 48, 333-344.	0.8	15
46	Ecophysiology of natural regeneration of forest stands in Spain. Investigacion Agraria Sistemas Y Recursos Forestales, 2005, 14, 434.	0.4	15
47	Defining the optimal regeneration niche for Pinus pinea L. through physiology-based models for seedling survival and carbon assimilation. Trees - Structure and Function, 2015, 29, 1761-1771.	0.9	12
48	Responses of Pinus pinea seedlings to moderate drought and shade: is the provenance a differential factor?. Photosynthetica, 2018, 56, 786-798.	0.9	12
49	With increasing site quality asymmetric competition and mortality reduces Scots pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	11
50	Addressing post-transplant summer water stress in Pinus pinea and Quercus ilex seedlings. IForest, 2015, 8, 348-358.	0.5	10
51	Can CO2 enrichment modify the effect of water and high light stress on biomass allocation and relative growth rate of cork oak seedlings?. Trees - Structure and Function, 2006, 20, 713-724.	0.9	9
52	Hunting in European mountain systems: an economic assessment of game gross margins in nine case study areas. European Journal of Wildlife Research, 2014, 60, 933-936.	0.7	8
53	Influence of mulching and tree shelters on 4-year survival and growth of zeen oak (Quercus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	8
54	Sustainability in Forest Management Revisited Using Multi-Criteria Decision-Making Techniques. Sustainability, 2019, 11, 3645.	1.6	8

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55	Effect of acorn size on survival and growth of Quercus suber L. seedlings under water stress. European Journal of Forest Research, 2021, 140, 175-186.	1.1	7
56	Dynamics of frost tolerance during regeneration in a mixed (pineâ€“oakâ€“juniper) Mediterranean forest. Trees - Structure and Function, 2015, 29, 1893-1906.	0.9	6
57	Soil moisture heterogeneity regulates water use in Populus nigra L. by altering root and xylem sap phytohormone concentrations. Tree Physiology, 2020, 40, 762-773.	1.4	6
58	Mixture mitigates the effect of climate change on the provision of relevant ecosystem services in managed Pinus pinea L. forests. Forest Ecology and Management, 2021, 481, 118782.	1.4	6
59	Dynamics of ecosystem services in Pinus sylvestris stands under different managements and site quality classes. European Journal of Forest Research, 2017, 136, 983-996.	1.1	5
60	Growth of Container-grown Cork Oak Seedlings as Affected by Foliar and Soil Application of Paclobutrazol. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 1773-1776.	0.5	5
61	Adaptive Strategies of Seedlings of Four Mediterranean Co-Occurring Tree Species in Response to Light and Moderate Drought: A Nursery Approach. Forests, 2022, 13, 154.	0.9	5
62	Elevated atmospheric CO2 does not modify osmotic adjustment to light and drought in the Mediterranean oak Quercus suber L.. Investigacion Agraria Sistemas Y Recursos Forestales, 2008, 17, 3.	0.4	4
63	Sapling recruitment in mixed stands in the Northern Plateau of Spain: a patch model approach. Trees - Structure and Function, 2021, 35, 2043-2058.	0.9	3
64	Feasibility of Using Orange Wattle (Acacia cyanophylla Lindl.) Compost as an Organic Growing Medium for the Production of Cork Oak (Quercus suber L.) Seedlings. Journal of Soil Science and Plant Nutrition, 2022, 22, 3507-3517.	1.7	3
65	A maximum likelihood estimator for left-truncated lifetimes based on probabilistic prior information about time of occurrence. Journal of Applied Statistics, 2018, 45, 2107-2127.	0.6	2
66	Does the Age of Pinus sylvestris Mother Trees Influence Reproductive Capacity and Offspring Seedling Survival?. Forests, 2022, 13, 937.	0.9	2
67	Representative Group Decision-Making in Forest Management: A Compromise Approach. Forests, 2022, 13, 606.	0.9	1
68	â€œBases ecolÃ³gicas para la gestiÃ³n adaptativa de sistemas forestalesâ€ IV reuniÃ³n del Grupo de Trabajo de EcologÃa, EcofisiologÃa y Suelos Forestales de la Sociedad EspaÃ±ola de Ciencias Forestales. Ecosistemas, 2019, 28, 120-121.	0.2	0
69	Tree shelters: A promising tool for environmental and livestock management. , 2022, , 309-325.		0