

Carolina MartÃ- nez-Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,185
citations

361413

20
h-index

377865

34
g-index

48
all docs

48
docs citations

48
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural and man-induced revegetation on mining wastes: Changes in the floristic composition during early succession. <i>Ecological Engineering</i> , 2007, 30, 286-294.	3.6	99
2	Vegetation succession on reclaimed coal wastes in Spain: the influence of soil and environmental factors. <i>Applied Vegetation Science</i> , 2011, 14, 84-94.	1.9	93
3	Some factors affecting successional change on uranium mine wastes: Insights for ecological restoration. <i>Applied Vegetation Science</i> , 2007, 10, 333-342.	1.9	73
4	Soil and vegetation development during early succession on restored coal wastes: a six-year permanent plot study. <i>Plant and Soil</i> , 2012, 353, 305-320.	3.7	71
5	The importance of topography and climate on short-term revegetation of coal wastes in Spain. <i>Ecological Engineering</i> , 2010, 36, 579-585.	3.6	65
6	Recovering <i>Quercus</i> species on reclaimed coal wastes using native shrubs as restoration nurse plants. <i>Ecological Engineering</i> , 2015, 77, 146-153.	3.6	57
7	Vegetation convergence during early succession on coal wastes: a 6-year permanent plot study. <i>Journal of Vegetation Science</i> , 2011, 22, 1072-1083.	2.2	55
8	COLONIZATION PATTERNS OF WOODY SPECIES ON LANDS MINED FOR COAL IN SPAIN: PRELIMINARY INSIGHTS FOR FOREST EXPANSION. <i>Land Degradation and Development</i> , 2013, 24, 39-46.	3.9	50
9	Soil seed bank formation during early revegetation after hydroseeding in reclaimed coal wastes. <i>Ecological Engineering</i> , 2009, 35, 1062-1069.	3.6	46
10	Factors Affecting Herbaceous Richness and Biomass Accumulation Patterns of Reclaimed Coal Mines. <i>Land Degradation and Development</i> , 2015, 26, 211-217.	3.9	45
11	Natural revegetation on topsoiled mining-spoils according to the exposure. <i>Acta Oecologica</i> , 2005, 28, 231-238.	1.1	42
12	Evaluating different harvest intensities over understory plant diversity and pine seedlings, in a <i>Pinus pinaster</i> Ait. natural stand of Spain. <i>Plant Ecology</i> , 2009, 201, 211-220.	1.6	36
13	Early dynamics of natural revegetation on roadcuts of the Salamanca province (CW Spain). <i>Ecological Engineering</i> , 2015, 75, 223-231.	3.6	36
14	Shrub-induced understory vegetation changes in reclaimed mine sites. <i>Ecological Engineering</i> , 2014, 73, 691-698.	3.6	33
15	Effects of substrate coarseness and exposure on plant succession in uranium-mining wastes. <i>Plant Ecology</i> , 2001, 155, 79-89.	1.6	32
16	The influence of aspect on the early growth dynamics of hydroseeded species in coal reclamation areas. <i>Applied Vegetation Science</i> , 2008, 11, 405-412.	1.9	31
17	Functional groups and dispersal strategies as guides for predicting vegetation dynamics on reclaimed mines. <i>Plant Ecology</i> , 2011, 212, 1759-1775.	1.6	31
18	Natural forest expansion on reclaimed coal mines in Northern Spain: the role of native shrubs as suitable microsites. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13606-13616.	5.3	30

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19	Effects of short-term grazing exclusion on vegetation and soil in early succession of a Subhumid Mediterranean reclaimed coal mine. <i>Plant and Soil</i> , 2018, 426, 197-209.	3.7	30
20	Soil carbon stocks and exchangeable cations in monospecific and mixed pine forests. <i>European Journal of Forest Research</i> , 2018, 137, 831-847.	2.5	26
21	Can native shrubs facilitate the early establishment of contrasted co-occurring oaks in Mediterranean grazed areas?. <i>Journal of Vegetation Science</i> , 2017, 28, 1047-1056.	2.2	21
22	Conceptual and methodological issues in estimating the success of ecological restoration. <i>Ecological Indicators</i> , 2021, 123, 107362.	6.3	20
23	Understorey response to overstorey and soil gradients in mixed versus monospecific Mediterranean pine forests. <i>European Journal of Forest Research</i> , 2019, 138, 939-955.	2.5	18
24	Linking soil variability with plant community composition along a mine-slope topographic gradient: Implications for restoration. <i>Ambio</i> , 2020, 49, 337-349.	5.5	17
25	Can mixed pine forests conserve understorey richness by improving the establishment of understorey species typical of native oak forests?. <i>Annals of Forest Science</i> , 2020, 77, 1.	2.0	16
26	Distribution patterns of forest species along an Atlantic-Mediterranean environmental gradient: an approach from forest inventory data. <i>Forestry</i> , 2016, 89, 46-54.	2.3	15
27	Postfire regeneration in <i>Cytisus oromediterraneus</i> : sources of variation and morphology of the below-ground parts. <i>Acta Oecologica</i> , 2004, 26, 149-156.	1.1	11
28	Influence of harvesting intensity on the floristic composition of natural Mediterranean maritime pine forest. <i>Acta Oecologica</i> , 2010, 36, 349-356.	1.1	11
29	Vulnerabilidad de los bosques naturales en el Chocó biogeográfico colombiano: actividad minera y conservación de la biodiversidad. <i>Bosque</i> , 2016, 37, 295-305.	0.3	11
30	Risk for the natural regeneration of <i>Quercus</i> species due to the expansion of rodent species (<i>Microtus arvalis</i>). <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	10
31	Effect of the mother tree age and acorn weight in the regenerative characteristics of <i>Quercus faginea</i> . <i>European Journal of Forest Research</i> , 2020, 139, 513-523.	2.5	8
32	Dynamic associations between <i>Ips sexdentatus</i> (Coleoptera: Scolytinae) and its phoretic mites in a <i>Pinus pinaster</i> forest in northwest Spain. <i>Experimental and Applied Acarology</i> , 2018, 75, 369-381.	1.6	7
33	Overyielding in mixed pine forests with belowground complementarity: impacts on understorey. <i>European Journal of Forest Research</i> , 2021, 140, 777-791.	2.5	7
34	Characterization of mixed and monospecific stands of Scots pine and Maritime pine: soil profile, physiography, climate and vegetation cover data. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	5
35	The Effects of Native Shrub, Fencing, and Acorn Size on the Emergence of Contrasting Co-Occurring Oak in Mediterranean Grazed Areas. <i>Forests</i> , 2021, 12, 307.	2.1	4
36	Effect of the Forest-Mine Boundary Form on Woody Colonization and Forest Expansion in Degraded Ecosystems. <i>Forests</i> , 2021, 12, 773.	2.1	4

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37	Niche Characterization of Shrub Functional Groups along an Atlantic-Mediterranean Gradient. <i>Forests</i> , 2021, 12, 982.	2.1	4
38	Especies vegetales colonizadoras de Áreas perturbadas por la minería en bosques pluviales tropicales del Chocó, Colombia. <i>Biota Colombiana</i> , 2017, 18, 87-103.	0.3	4
39	Mapping forest vegetation patterns in an Atlantic-Mediterranean transitional area by integration of ordination and geostatistical techniques. <i>Journal of Plant Ecology</i> , 2016, , rtw112.	2.3	3
40	Evaluating different harvest intensities over understory plant diversity and pine seedlings, in a <i>Pinus pinaster</i> Ait. natural stand of Spain. , 2008, , 211-220.		3
41	Formación del banco de semillas durante la revegetación temprana de Áreas afectadas por la minería en un bosque pluvial tropical del Chocó, Colombia. <i>Revista De Biología Tropical</i> , 2016, 65, 393.	0.4	1
42	Distribution patterns of shrub vs. tree species along an Atlantic-Mediterranean environmental gradient: an approach from the third Spanish National Forest Inventory data. , 2016, 25, 22-34.		1
43	Expansion of Naturally Regenerated Forest. <i>Forests</i> , 2022, 13, 456.	2.1	1
44	Micrositios favorables para la regeneración natural de <i>Q. petraea</i> en minas de carbón. <i>Cuadernos De La Sociedad Española De Ciencias Forestales</i> , 2016, , .	0.1	0
45	Efecto de la exclusión de grandes herbívoros en la vegetación y el suelo de minas de carbón restauradas. <i>Cuadernos De La Sociedad Española De Ciencias Forestales</i> , 2016, , .	0.1	0
46	Restauración en laderas mineras: una oportunidad para estudiar la sucesión ecológica en procesos de pendiente. <i>Cuadernos De La Sociedad Española De Ciencias Forestales</i> , 2019, 45, 107-118.	0.1	0