JosÃ© M Rey Benayas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3400993/publications.pdf

Version: 2024-02-01

112 papers	9,341 citations	53794 45 h-index	40979 93 g-index
116 all docs	116 docs citations	116 times ranked	11223 citing authors

#	Article	IF	Citations
1	Enhancement of Biodiversity and Ecosystem Services by Ecological Restoration: A Meta-Analysis. Science, 2009, 325, 1121-1124.	12.6	1,265
2	Restoration of ecosystem services and biodiversity: conflicts and opportunities. Trends in Ecology and Evolution, 2011, 26, 541-549.	8.7	729
3	Rapid deforestation and fragmentation of Chilean Temperate Forests. Biological Conservation, 2006, 130, 481-494.	4.1	454
4	A global meta-analysis on the ecological drivers of forest restoration success. Nature Communications, 2016, 7, 11666.	12.8	390
5	Creating woodland islets to reconcile ecological restoration, conservation, and agricultural land use. Frontiers in Ecology and the Environment, 2008, 6, 329-336.	4.0	319
6	Rewilding complex ecosystems. Science, 2019, 364, .	12.6	304
7	A global review of past land use, climate, and active vs. passive restoration effects on forest recovery. PLoS ONE, 2017, 12, e0171368.	2.5	265
8	Monitoring land cover change of the dryland forest landscape of Central Chile (1975â€“2008). Applied Geography, 2010, 30, 436-447.	3.7	262
9	Anthropogenic ecosystem disturbance and the recovery debt. Nature Communications, 2017, 8, 14163.	12.8	213
10	Restoration of Biodiversity and Ecosystem Services on Agricultural Land. Ecosystems, 2012, 15, 883-899.	3.4	209
11	Restoration and repair of Earth's damaged ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172577.	2.6	202
12	Impacts of forest fragmentation on species composition and forest structure in the temperate landscape of southern Chile. Global Ecology and Biogeography, 2007, 16, 426-439.	5.8	186
13	The database of the <scp>PREDICTS</scp> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	186
14	Quantifying the impacts of ecological restoration on biodiversity and ecosystem services in agroecosystems: A global meta-analysis. Agriculture, Ecosystems and Environment, 2015, 202, 223-231.	5.3	185
15	Restoration Enhances Wetland Biodiversity and Ecosystem Service Supply, but Results Are Context-Dependent: A Meta-Analysis. PLoS ONE, 2014, 9, e93507.	2.5	173
16	Harnessing the biodiversity value of Central and Eastern European farmland. Diversity and Distributions, 2015, 21, 722-730.	4.1	172
17	Increase in size and nitrogen concentration enhances seedling survival in Mediterranean plantations. Insights from an ecophysiological conceptual model of plant survival. New Forests, 2012, 43, 755-770.	1.7	161
18	Clearance and fragmentation of tropical montane forests in the Highlands of Chiapas, Mexico (1975â€“2000). Forest Ecology and Management, 2006, 226, 208-218.	3.2	154

#	Article	IF	Citations
19	Restoring forests: What constitutes success in the twenty-first century?. New Forests, 2015, 46, 601-614.	1.7	135
20	Radar remote sensing of forest and wetland ecosystems in the Central American tropics. Remote Sensing of Environment, 1994, 48, 205-219.	11.0	134
21	Effects of artificial shading and weed mowing in reforestation of Mediterranean abandoned cropland with contrasting Quercus species. Forest Ecology and Management, 2005, 212, 302-314.	3.2	117
22	Facilitation of Quercus ilex in Mediterranean shrubland is explained by both direct and indirect interactions mediated by herbs. Journal of Ecology, 2010, 98, 687-696.	4.0	116
23	Meta-studies in land use science: Current coverage and prospects. Ambio, 2016, 45, 15-28.	5.5	112
24	Remote sensing and the future of landscape ecology. Progress in Physical Geography, 2009, 33, 528-546.	3.2	107
25	Fostering natural forest regeneration on former agricultural land through economic and policy interventions. Environmental Research Letters, 2020, 15, 043002.	5.2	100
26	Why do large, nitrogen rich seedlings better resist stressful transplanting conditions? A physiological analysis in two functionally contrasting Mediterranean forest species. Forest Ecology and Management, 2010, 260, 71-78.	3.2	97
27	Carbon accumulation in the biomass and soil of different aged secondary forests in the humid tropics of Costa Rica. Forest Ecology and Management, 2011, 262, 1400-1408.	3.2	97
28	Identifying areas of high-value vertebrate diversity for strengthening conservation. Biological Conservation, 2003, 114, 357-370.	4.1	93
29	Global patterns of plant diversity. Evolutionary Ecology, 1994, 8, 331-347.	1.2	92
30	How landscapes change: Integration of spatial patterns and human processes in temperate landscapes of southern Chile. Applied Geography, 2012, 32, 822-831.	3.7	92
31	Growth and survival in Quercus ilex L. seedlings after irrigation and artificial shading on Mediterranean set-aside agricultural land. Annales Des Sciences ForestiÃ¨res, 1998, 55, 801-807.	1.2	87
32	Fragmentation, disturbance and tree diversity conservation in tropical montane forests. Journal of Applied Ecology, 2006, 43, 1172-1181.	4.0	86
33	Distance effect from cloud forest fragments on plant community structure in abandoned pastures in Veracruz, Mexico. Journal of Tropical Ecology, 2006, 22, 431-440.	1.1	76
34	ENVIRONMENTAL HETEROGENEITY, BIRD-MEDIATED DIRECTED DISPERSAL, AND OAK WOODLAND DYNAMICS IN MEDITERRANEAN SPAIN. Ecological Monographs, 2007, 77, 77-97.	5.4	75
35	Salvage logging effects on regulating and supporting ecosystem services â€" a systematic map. Canadian Journal of Forest Research, 2018, 48, 983-1000.	1.7	74
36	Plant diversity, biogeography and environment in Iberia: Patterns and possible causal factors. Journal of Vegetation Science, 2002, 13, 245-258.	2.2	68

#	Article	IF	Citations
37	Carbon accumulation in aboveground and belowground biomass and soil of different age native forest plantations in the humid tropical lowlands of Costa Rica. New Forests, 2012, 43, 197-211.	1.7	64
38	Combining ecological, social and technical criteria to select species for forest restoration. Applied Vegetation Science, 2014, 17, 744-753.	1.9	62
39	Native forest replacement by exotic plantations in southern Chile (1985â€“2011) and partial compensation by natural regeneration. Forest Ecology and Management, 2015, 345, 10-20.	3.2	60
40	An overview of forest loss and restoration in the Brazilian Amazon. New Forests, 2021, 52, 1-16.	1.7	57
41	Performance of Quercus ilex saplings planted in abandoned Mediterranean cropland after long-term interruption of their management. Forest Ecology and Management, 2004, 194, 223-233.	3.2	53
42	The Extent, Distribution, and Fragmentation of Vanishing Montane Cloud Forest in the Highlands of Chiapas, Mexico1. Biotropica, 2006, 38, 544-554.	1.6	52
43	Factors influencing vegetation cover change in Mediterranean Central Chile (1975â€“2008). Applied Vegetation Science, 2011, 14, 571-582.	1.9	52
44	Plant diversity, biogeography and environment in Iberia: Patterns and possible causal factors. Journal of Vegetation Science, 2002, 13, 245.	2.2	48
45	Modelling tree diversity in a highly fragmented tropical montane landscape. Global Ecology and Biogeography, 2006, 15, 602-613.	5.8	48
46	Differential effects of vegetation restoration in Mediterranean abandoned cropland by secondary succession and pine plantations on bird assemblages. Forest Ecology and Management, 2010, 260, 87-95.	3.2	46
47	Measuring rewilding progress. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170433.	4.0	46
48	Longâ€term recovery of multifunctionality in Mediterranean forests depends on restoration strategy and forest type. Journal of Applied Ecology, 2019, 56, 745-757.	4.0	46
49	Salvage logging effects on regulating ecosystem services and fuel loads. Frontiers in Ecology and the Environment, 2020, 18, 391-400.	4.0	45
50	Title is missing!. Plant Ecology, 2002, 159, 201-209.	1.6	44
51	Patterns of diversity in the strata of boreal montane forest in British Columbia. Journal of Vegetation Science, 1995, 6, 95-98.	2.2	40
52	Landscape Ecology and Diversity Patterns in the Seasonal Tropics from Landsat TM Imagery. , 1995, 5, 386-394.		40
53	Forest Landscape Restoration in the Drylands of Latin America. Ecology and Society, 2012, 17, .	2.3	40
54	Tree diversity in the northern Neotropics: regional patterns in highly diverse Chiapas, Mexico. Ecography, 2004, 27, 741-756.	4.5	38

#	Article	IF	Citations
55	Persistent Acacia savannas replace Mediterranean sclerophyllous forests in South America. Forest Ecology and Management, 2011, 262, 1100-1108.	3.2	36
56	Predation and aridity slow down the spread of 21-year-old planted woodland islets in restored Mediterranean farmland. New Forests, 2015, 46, 841-853.	1.7	35
57	Commonness and Rarity: Theory and Application of a New Model to Mediterranean Montane Grasslands. Ecology and Society, 1999, 3, .	0.9	34
58	Selecting Species for Passive and Active Riparian Restoration in Southern Mexico. Restoration Ecology, 2013, 21, 163-165.	2.9	30
59	Diversity patterns of wet meadows along geochemical gradients in central Spain. Journal of Vegetation Science, 1993, 4, 103-108.	2.2	29
60	Freshwater Wetland Plant Communities of Northern Belize: Implications for Paleoecological Studies of Maya Wetland Agriculture. Biotropica, 1995, 27, 28.	1.6	29
61	Microfaunal soil food webs in Mediterranean semi-arid agroecosystems. Does organic management improve soil health?. Applied Soil Ecology, 2018, 125, 138-147.	4.3	29
62	Potential of pest regulation by insectivorous birds in Mediterranean woody crops. PLoS ONE, 2017, 12, e0180702.	2.5	29
63	Is the interaction between Retama sphaerocarpa and its understorey herbaceous vegetation always reciprocally positive? Competitionâ€“facilitation shift during Retama establishment. Acta Oecologica, 2004, 26, 121-128.	1.1	28
64	Effects of Land use on Nocturnal Birds in a Mediterranean Agricultural Landscape. Acta Ornithologica, 2011, 46, 173-182.	0.5	27
65	Effects of area, environmental status and environmental variation on species richness per unit area in Mediterranean wetlands. Journal of Vegetation Science, 1999, 10, 275-280.	2.2	25
66	Multiscale assessment of woody species recruitment in Mediterranean shrublands: facilitation and beyond. Journal of Vegetation Science, 2017, 28, 639-648.	2.2	25
67	Simulated effects of herb competition on planted Quercus faginea seedlings in Mediterranean abandoned cropland. Applied Vegetation Science, 2003, 6, 213.	1.9	24
68	The differential influences of humanâ€induced disturbances on tree regeneration community: a landscape approach. Ecosphere, 2014, 5, 1-17.	2.2	22
69	Shifting demographic conflicts across recruitment cohorts in a dynamic postâ€disturbance landscape. Ecology, 2016, 97, 2628-2639.	3.2	22
70	Differential effects of local habitat and landscape characteristics on bird communities in Mediterranean afforestations motivated by the EU Common Agrarian Policy. European Journal of Wildlife Research, 2014, 60, 135-143.	1.4	21
71	Effective nut dispersal by magpies (Pica pica L.) in a Mediterranean agroecosystem. Oecologia, 2017, 184, 183-192.	2.0	20
72	Massive and effective acorn dispersal into agroforestry systems by an overlooked vector, the Eurasian magpie (Pica pica). Ecosphere, 2019, 10, e02989.	2.2	20

#	Article	IF	Citations
73	Conceptual and methodological issues in estimating the success of ecological restoration. Ecological Indicators, 2021, 123, 107362.	6.3	20
74	Placing empirical limits on metapopulation models for terrestrial plants. Evolutionary Ecology, 1997, 11, 275-288.	1.2	19
75	Landscape restoration in a mixed agricultural-forest catchment: Planning a buffer strip and hedgerow network in a Chilean biodiversity hotspot. Ambio, 2020, 49, 310-323.	5.5	19
76	Longâ€term dynamics of shrub facilitation shape the mixing of evergreen and deciduous oaks in Mediterranean abandoned fields. Journal of Ecology, 2020, 108, 1125-1137.	4.0	19
77	Does post-disturbance salvage logging affect the provision of ecosystem services? A systematic review protocol. Environmental Evidence, 2015, 4, .	2.7	18
78	Identifying areas of high herpetofauna diversity that are threatened by planned infrastructure projects in Spain. Journal of Environmental Management, 2006, 79, 279-289.	7.8	17
79	Local habitat and landscape influence predation of bird nests on afforested Mediterranean cropland. Acta Oecologica, 2014, 58, 35-43.	1.1	17
80	Effects of grass clearing and soil tilling on establishment of planted tree seedlings in tropical riparian pastures. New Forests, 2015, 46, 507-525.	1.7	17
81	Woody species diversity in temperate Andean forests: The need for new conservation strategies. Biological Conservation, 2010, 143, 2080-2091.	4.1	16
82	Balancing land sharing and sparing approaches to promote forest and landscape restoration in agricultural landscapes: Land approaches for forest landscape restoration. Perspectives in Ecology and Conservation, 2019, 17, 201-205.	1.9	16
83	Vegetation Restoration and Other Actions to Enhance Wildlife in European Agricultural Landscapes. , 2015, , 127-142.		16
84	Landscape- and field-scale control of spatial variation of soil properties in Mediterranean montane meadows. Biogeochemistry, 2004, 69, 207-225.	3.5	14
85	Conservation planning of vertebrate diversity in a Mediterranean agricultural-dominant landscape. Biological Conservation, 2011, 144, 2468-2478.	4.1	14
86	The Tree Biodiversity Network (BIOTREE-NET): prospects for biodiversity research and conservation in the Neotropics. Biodiversity and Ecology = Biodiversitat Und Okologie, 2012, 4, 211-224.	0.3	14
87	Simulated effects of herb competition on planted Quercus faginea seedlings in Mediterranean abandoned cropland. Applied Vegetation Science, 2003, 6, 213-222.	1.9	11
88	Restoring Forests After Land Abandonment. , 2005, , 356-360.		11
89	Early environments drive diversity and floristic composition in Mediterranean old fields: Insights from a long-term experiment. Acta Oecologica, 2008, 34, 311-321.	1.1	11
90	Tree Communities in Three-Year-Old Post-Mining Sites Under Different Forest Restoration Techniques in the Brazilian Amazon. Forests, 2020, 11, 527.	2.1	10

#	Article	IF	Citations
91	Regional distribution patterns predict bird occurrence in Mediterranean cropland afforestations. Ecological Research, 2014, 29, 203-211.	1.5	9
92	Bird species in Mediterranean pine plantations exhibit different characteristics to those in natural reforested woodlands. Oecologia, 2011, 166, 305-316.	2.0	8
93	Caching territoriality and site preferences by a scatterâ€hoarder drive the spatial pattern of seed dispersal and affect seedling emergence. Journal of Ecology, 2021, 109, 2342-2353.	4.0	8
94	Bosques ribereÃ±os del trÃ³pico hÃºmedo de MÃ©xico: un caso de estudio y aspectos crÃ¡ticos para una restauraciÃ³n exitosa. Madera Bosques, 2017, 23, 181-193.	0.2	8
95	Drivers of oak establishment in Mediterranean old fields from 25-year-old woodland islets planted to assist natural regeneration. European Journal of Forest Research, 2022, 141, 17-30.	2.5	8
96	Spatial congruence among indicators of recovery completeness in a Mediterranean forest landscape: Implications for planning large-scale restoration. Ecological Indicators, 2019, 102, 752-759.	6.3	7
97	Identification of Critical Areas for Mammal Conservation in the Brazilian Atlantic Forest Biosphere Reserve. Natureza A Conservacao, 2011, 9, 73-78.	2.5	7
98	Modelling tree diversity in a highly fragmented tropical montane landscape. Global Ecology and Biogeography, 2006, .	5.8	6
99	Environmental drivers for riparian restoration success and ecosystem services supply in Mediterranean agricultural landscapes. Agriculture, Ecosystems and Environment, 2022, 337, 108048.	5.3	6
100	Climate and vegetation structure determine plant diversity in Quercus ilex woodlands along an aridity and human-use gradient in Northern Algeria. Flora: Morphology, Distribution, Functional Ecology of Plants, 2013, 208, 268-284.	1.2	5
101	Analysis of Bundles and Drivers of Change of Multiple Ecosystem Services in an Alpine Region. Journal of Environmental Assessment Policy and Management, 2016, 18, 1650026.	7.9	5
102	Contributions of Hedgerows to People: A Global Meta-Analysis. Frontiers in Conservation Science, 2021, 2, .	1.9	4
103	A Multiinstitutional Spanish Master's Program in Ecosystem Restoration: Vision and Four-Year Experience. Ecological Restoration, 2010, 28, 188-192.	0.5	3
104	Enabling conditions for the implementation and conservation outcomes of a private nature reserve. Ecological Solutions and Evidence, 2020, 1, e12019.	2.0	3
105	TipologÃa y cartografÃa por fotointerpretaciÃ³n de los humedales de las cuencas del Duero y del Tajo. MediterrÃ¡nea Serie De Estudios BiolÃ³gicos, 1990, , 5-25.	0.2	3
106	We agree with Larkin et al . 2019: restoration is context specific. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191179.	2.6	2
107	Low effect of young afforestations on bird communities inhabiting heterogeneous Mediterranean cropland. PeerJ, 2015, 3, e1453.	2.0	2
108	Ecosystem services in the Paraguayan Humid Chaco: challenges for ecosystem-based management. Ecosistemas, 2018, 27, 115-125.	0.4	2

#	Article	IF	Citations
109	Evaluation of Soil Erosion Process and Conservation Practices in the Paragominas-pa Municipality (Brazil). Geographia Technica, 2019, 14, 14-35.	0.4	1
110	Enhanced infiltration by trees in floodable cattle ranches in Paraguay. Agroforestry Systems, 2022, 96, 843-855.	2.0	1
111	â€œRamÃ³n Margalef, ecÃ³logo de la biosfera. Una biografÃa cientÃficaâ€, de NarcÃs Prat, JoandomÃ©nec Ros y Francesc Peters, 2015. Ecosistemas, 2016, 25, 117.	0.4	0
112	Habitat suitability for Brown bear (Ursus arctos) in the south-eastern Iberian Range. Ecosistemas, 2020, 29, .	0.4	0