

# Joan Marull

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,475  
citations

304743

22  
h-index

315739

38  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Social metabolism, landscape change and land-use planning in the Barcelona Metropolitan Region. <i>Land Use Policy</i> , 2010, 27, 497-510.	5.6	154
2	A Land Suitability Index for Strategic Environmental Assessment in metropolitan areas. <i>Landscape and Urban Planning</i> , 2007, 81, 200-212.	7.5	124
3	The impacts of urban sprawl on ecological connectivity in the Montreal Metropolitan Region. <i>Environmental Science and Policy</i> , 2016, 58, 61-73.	4.9	110
4	Land use changes, landscape ecology and their socioeconomic driving forces in the Spanish Mediterranean coast (El Maresme County, 1850â€“2005). <i>Environmental Science and Policy</i> , 2012, 23, 120-132.	4.9	109
5	Using safety stocks and simulation to solve the vehicle routing problem with stochastic demands. <i>Transportation Research Part C: Emerging Technologies</i> , 2011, 19, 751-765.	7.6	85
6	Land abandonment, landscape, and biodiversity: questioning the restorative character of the forest transition in the Mediterranean. <i>Ecology and Society</i> , 2015, 20, .	2.3	77
7	Understanding the long-term dynamics of forest transition: From deforestation to afforestation in a Mediterranean landscape (Catalonia, 1868â€“2005). <i>Land Use Policy</i> , 2019, 80, 318-331.	5.6	68
8	Ecological networks: Are they enough for connectivity conservation? A case study in the Barcelona Metropolitan Region (NE Spain). <i>Land Use Policy</i> , 2012, 29, 684-690.	5.6	50
9	Long-term bio-cultural heritage: exploring the intermediate disturbance hypothesis in agro-ecological landscapes (Mallorca, c. 1850â€“2012). <i>Biodiversity and Conservation</i> , 2015, 24, 3217-3251.	2.6	49
10	Make EU trade with Brazil sustainable. <i>Science</i> , 2019, 364, 341-341.	12.6	49
11	Energyâ€“Landscape Integrated Analysis: A proposal for measuring complexity in internal agroecosystem processes (Barcelona Metropolitan Region, 1860â€“2000). <i>Ecological Indicators</i> , 2016, 66, 30-46.	6.3	48
12	Modelling urban networks at mega-regional scale: Are increasingly complex urban systems sustainable?. <i>Land Use Policy</i> , 2015, 43, 15-27.	5.6	45
13	Emerging megaregions: A new spatial scale to explore urban sustainability. <i>Land Use Policy</i> , 2013, 34, 353-366.	5.6	39
14	Modelling landscape ecological assessments of land use and cover change scenarios. Application to the Bojnourd Metropolitan Area (NE Iran). <i>Land Use Policy</i> , 2020, 99, 105098.	5.6	38
15	Exploring the links between social metabolism and biodiversity distribution across landscape gradients: A regional-scale contribution to the land-sharing versus land-sparing debate. <i>Science of the Total Environment</i> , 2018, 619-620, 1272-1285.	8.0	35
16	Recovering the landscape history behind a Mediterranean edge environment (The Congost Valley,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>Geography</i> , 2014, 54, 1-17.	3.7	30
17	A GIS methodology for assessing ecological connectivity: application to the Barcelona Metropolitan Area. <i>Landscape and Urban Planning</i> , 2005, 71, 243-262.	7.5	28
18	Towards an energyâ€“landscape integrated analysis? Exploring the links between socio-metabolic disturbance and landscape ecology performance (Mallorca, Spain, 1956â€“2011). <i>Landscape Ecology</i> , 2016, 31, 317-336.	4.2	26

#	ARTICLE	IF	CITATIONS
19	Building on Margalef: Testing the links between landscape structure, energy and information flows driven by farming and biodiversity. <i>Science of the Total Environment</i> , 2019, 674, 603-614.	8.0	25
20	Agricultural and Municipal Compost Residues for Control of Root-Knot Nematodes in Tomato and Pepper. <i>Compost Science and Utilization</i> , 1997, 5, 6-15.	1.2	24
21	Assessing the sustainability of contrasting land use scenarios through the Socioecological Integrated Analysis (SIA) of the metropolitan green infrastructure in Barcelona. <i>Landscape and Urban Planning</i> , 2020, 203, 103905.	7.5	24
22	Exploring the links between forest transition and landscape changes in the Mediterranean. Does forest recovery really lead to better landscape quality?. <i>Agroforestry Systems</i> , 2015, 89, 705-719.	2.0	23
23	Impact assessment of ecological connectivity at the regional level: recent developments in the Barcelona Metropolitan Area. <i>Impact Assessment and Project Appraisal</i> , 2006, 24, 127-137.	1.8	22
24	Landscape Agroecology. The Dysfunctionalities of Industrial Agriculture and the Loss of the Circular Bioeconomy in the Barcelona Region, 1956â€“2009. <i>Sustainability</i> , 2018, 10, 4722.	3.2	21
25	Comparative Energy-Landscape Integrated Analysis (ELIA) of past and present agroecosystems in North America and Europe from the 1830s to the 2010s. <i>Agricultural Systems</i> , 2019, 175, 46-57.	6.1	20
26	Looking Backwards into a Mediterranean Edge Environment: Landscape Changes in El Congost Valley (Catalonia), 1850-2005. <i>Environment and History</i> , 2014, 20, 347-384.	0.3	15
27	Socioecological transition in the Cauca river valley, Colombia (1943â€“2010): towards an energyâ€“landscape integrated analysis. <i>Regional Environmental Change</i> , 2018, 18, 1073-1087.	2.9	13
28	How farmers shape cultural landscapes. Dealing with information in farm systems (VallÃ’s County,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	6.3	13
29	Water as an Element of Urban Design: Drawing Lessons from Four European Case Studies. <i>Green Energy and Technology</i> , 2015, , 17-43.	0.6	11
30	The impacts of agricultural and urban land-use changes on plant and bird biodiversity in Costa Rica (1986â€“2014). <i>Regional Environmental Change</i> , 2021, 21, 1.	2.9	11
31	A landscape ecology assessment of land-use change on the Great Plains-Denver (CO, USA) metropolitan edge. <i>Regional Environmental Change</i> , 2018, 18, 1765-1782.	2.9	10
32	An energy-landscape integrated analysis to evaluate agroecological scarcity. <i>Science of the Total Environment</i> , 2020, 739, 139998.	8.0	10
33	The Loss of Territorial Efficiency: An Ecological Analysis of Land-Use Changes in Western Mediterranean Agriculture (VallÃ’s County, Catalonia, 1853-2004) <sup />. <i>Global Environment</i> , 2008, 1, 112-150.	0.2	9
34	The Loss of Landscape Ecological Functionality in the Barcelona Province (1956â€“2009): Could Land-Use History Involve a Legacy for Current Biodiversity?. <i>Sustainability</i> , 2020, 12, 2238.	3.2	9
35	Socio-ecological transition in a Mediterranean agroecosystem: What energy flows tell us about agricultural landscapes ruled by landlords, peasants and tourism (Mallorca, 1860-1956-2012). <i>Ecological Economics</i> , 2021, 190, 107206.	5.7	9
36	Assessing the Integration of Landscape Connectivity into Comprehensive Spatial Planning in Spain. <i>Landscape Research</i> , 2015, 40, 817-833.	1.6	7

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37	Modelling urban networks sustainable progress. Land Use Policy, 2019, 85, 73-91.	5.6	7
38	Comparison of two biophysical indicators under different landscape complexity. Ecological Indicators, 2021, 124, 107439.	6.3	7
39	A socioecological integrated analysis of the Barcelona metropolitan agricultural landscapes. Ecosystem Services, 2021, 51, 101350.	5.4	6
40	Energy-Landscape Optimization for Land Use Planning. Application in the Barcelona Metropolitan Area. Ecological Modelling, 2020, 431, 109182.	2.5	4
41	Space-time dynamics of urban systems from satellite images of night lighting. Urban progress scenarios for European metropolitan regions. Computers, Environment and Urban Systems, 2021, 86, 101587.	7.1	1
42	The Energy-Landscape Integrated Analysis (ELIA) of Agroecosystems. Human-environment Interactions, 2017, , 103-129.	1.2	1