Pere Serra

List of Publications by Year
in descending order

37 papers	1,647 citations	516215 16 h-index	344852 36 g-index
37 all docs	37 docs citations	37 times ranked	1325 citing authors

#	Article	IF	Citations
1	Urban sprawl in the Mediterranean?. Landscape and Urban Planning, 2008, 85, 174-184.	3.4	344
2	Beyond urbanâ€“rural dichotomy: Exploring socioeconomic and land-use processes of change in Spain (1991â€“2011). Applied Geography, 2014, 55, 71-81.	1.7	251
3	Estimating Rapidity of Change in Complex Urban Systems: A Multidimensional, Localâ€Scale Approach. Geographical Analysis, 2016, 48, 132-156.	1.9	147
4	Do spatial patterns of urbanization and land consumption reflect different socioeconomic contexts in Europe?. Science of the Total Environment, 2018, 625, 722-730.	3.9	146
5	Beyond the â€˜Mediterranean cityâ€™: socioeconomic disparities and urban sprawl in three Southern European cities. Geografiska Annaler, Series B: Human Geography, 2017, 99, 319-337.	0.8	127
6	Identifying dynamics of fire ignition probabilities in two representative Mediterranean wildland-urban interface areas. Applied Geography, 2011, 31, 930-940.	1.7	86
7	Exploring the spatial structure of housing prices under economic expansion and stagnation: The role of socio-demographic factors in metropolitan Rome, Italy. Land Use Policy, 2019, 81, 143-152.	2.5	84
8	Urban Growth, Land-use Efficiency and Local Socioeconomic Context: A Comparative Analysis of 417 Metropolitan Regions in Europe. Environmental Management, 2019, 63, 322-337.	1.2	80
9	Landscape and the city: Agro-forest systems, land fragmentation and the ecological network in Rome, Italy. Urban Forestry and Urban Greening, 2019, 41, 230-237.	2.3	38
10	Scattered or polycentric? Untangling urban growth in three southern European metropolitan regions through exploratory spatial data analysis. Annals of Regional Science, 2016, 57, 1-29.	1.0	35
11	Spatial and Socio-environmental Dynamics of Catalan Regional Planning from a Multivariate Statistical Analysis Using 1980s and 2000s Data. European Planning Studies, 2014, 22, 1280-1300.	1.6	30
12	Estimating Water Consumption and Irrigation Requirements in a Long-Established Mediterranean Rural Community by Remote Sensing and Field Data. Irrigation and Drainage, 2016, 65, 578-588.	0.8	28
13	Revisiting â€œSouthernâ€•Sprawl: Urban Growth, Socio-Spatial Structure and the Influence of Local Economic Contexts. Economies, 2015, 3, 237-259.	1.2	26
14	Emerging urban centrality: An entropy-based indicator of polycentric development and economic growth. Land Use Policy, 2017, 68, 365-371.	2.5	22
15	Soil occupation efficiency and landscape conservation in four Mediterranean urban regions. Urban Forestry and Urban Greening, 2016, 20, 419-427.	2.3	20
16	Peri-urban agriculture in Barcelona: outlining landscape dynamics vis Ã vis socio-environmental functions. Landscape Research, 2018, 43, 613-631.	0.7	19
17	Re-urbanizing the European City: A Multivariate Analysis of Population Dynamics During Expansion and Recession Times. European Journal of Population, 2019, 35, 1-28.	1.1	18
18	Remotely sensed indicators and open-access biodiversity data to assess bird diversity patterns in Mediterranean rural landscapes. Scientific Reports, 2019, 9, 6826.	1.6	16

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19	Road Network and the Spatial Distribution of Wildfires in the Valencian Community (1993â€“2015). Agriculture (Switzerland), 2019, 9, 100.	1.4	14
20	Population Dynamics in Southern Europe: A Local-Scale Analysis, 1961â€“2011. Sustainability, 2019, 11, 109.	1.6	14
21	Lost in translation, found in entropy: An exploratory data analysis of latent growth factors in a Mediterranean city (1960â€“2010). Applied Geography, 2015, 60, 107-119.	1.7	13
22	In-Between Sprawl and Neo-Rurality: Sparse Settlements and the Evolution of Socio-Demographic Local Context in a Mediterranean Region. Sustainability, 2018, 10, 3670.	1.6	12
23	Ten Years of Local Water Resource Management: Integrating Satellite Remote Sensing and Geographical Information Systems. European Journal of Remote Sensing, 2012, 45, 317-332.	1.7	10
24	Two Mediterranean irrigation communities in front of water scarcity: A comparison using satellite image time series. Journal of Arid Environments, 2013, 98, 41-51.	1.2	10
25	Towards a sustainable agro-forest landscape? assessing land degradation (1950â€“2010) and soil quality in Castelporziano forest and peri-urban Rome, Italy. Rendiconti Lincei, 2015, 26, 597-604.	1.0	9
26	Demographic Transitions and Socioeconomic Development in Italy, 1862â€“2009: A Brief Overview. Sustainability, 2019, 11, 242.	1.6	9
27	Fallow Land, Recession and Socio-Demographic Local Contexts: Recent Dynamics in a Mediterranean Urban Fringe. Agriculture (Switzerland), 2018, 8, 159.	1.4	8
28	Prefiguring a future city: urban growth, spatial planning and the economic local context in Catalonia. European Planning Studies, 2017, 25, 1797-1817.	1.6	7
29	A New Approach to Land-Use Structure: Patch Perimeter Metrics as a Spatial Analysis Tool. Sustainability, 2018, 10, 2147.	1.6	6
30	The (Evolving) urban footprint under sequential building cycles and changing socio-demographic contexts. Environmental Impact Assessment Review, 2019, 75, 27-36.	4.4	6
31	Uncertainty visualization of remote sensing crop maps enriched at parcel scale: a contribution for a more conscious GIS dataset usage. Journal of Maps, 2016, 12, 979-984.	1.0	3
32	One thing leads to another: economic polarizations and social disparities in a pre-crisis Mediterranean city. International Review of Applied Economics, 2019, 33, 353-383.	1.3	3
33	A Framework of Filtering Rules over Ground Truth Samples to Achieve Higher Accuracy in Land Cover Maps. Remote Sensing, 2021, 13, 2662.	1.8	3
34	Unraveling latent dimensions of the urban mosaic: A multi-criteria spatial approach to metropolitan transformations. Environment and Planning A, 2018, 50, 93-110.	2.1	1
35	Driving Forces of Forest Expansion Dynamics across the Iberian Peninsula (1987â€“2017): A Spatio-Temporal Transect. Forests, 2022, 13, 475.	0.9	1
36	Land Change Science and the STEPLand Framework: An Assessment of Its Progress. Land, 2022, 11, 1065.	1.2	1

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37	Temporal Signatures of Mediterranean Irrigated Crops Using Satellite Image Time Series. , 2007, , .		0