Erwan Bocher

List of Publications by Year
in descending order

16 papers	677 citations	759055 12 h-index	940416 16 g-index
17 all docs	17 docs citations	17 times ranked	814 citing authors

#	Article	IF	Citations
1	An overview on current free and open source desktop GIS developments. International Journal of Geographical Information Science, 2009, 23, 1345-1370.	2.2	177
2	City-descriptive input data for urban climate models: Model requirements, data sources and challenges. Urban Climate, 2020, 31, 100536.	2.4	90
3	An open-science crowdsourcing approach for producing community noise maps using smartphones. Building and Environment, 2019, 148, 20-33.	3.0	81
4	Sky View Factor Calculation in Urban Context: Computational Performance and Accuracy Analysis of Two Open and Free GIS Tools. Climate, 2018, 6, 60.	1.2	49
5	Comparison between local climate zones maps derived from administrative datasets and satellite observations. Urban Climate, 2019, 27, 64-89.	2.4	49
6	A geoprocessing framework to compute urban indicators: The MApUCE tools chain. Urban Climate, 2018, 24, 153-174.	2.4	43
7	NoiseModelling: An Open Source GIS Based Tool to Produce Environmental Noise Maps. ISPRS International Journal of Geo-Information, 2019, 8, 130.	1.4	42
8	Urban heat island temporal and spatial variations: Empirical modeling from geographical and meteorological data. Building and Environment, 2017, 125, 423-438.	3.0	41
9	Noise mapping based on participative measurements. Noise Mapping, 2016, 3, .	0.7	39
10	Collaborative noise data collected from smartphones. Data in Brief, 2017, 14, 498-503.	0.5	19
11	Radiative and heat storage properties of the urban fabric derived from analysis of surface forms. Urban Climate, 2015, 12, 205-218.	2.4	13
12	A Smartphone-Based Crowd-Sourced Database for Environmental Noise Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 7777.	1.2	12
13	GeoClimate: a Geospatial processing toolbox for environmental and climate studies. Journal of Open Source Software, 2021, 6, 3541.	2.0	7
14	NoiseCapture smartphone application as pedagogical support for education and public awareness. Journal of the Acoustical Society of America, 2022, 151, 3255-3265.	0.5	6
15	Outdoor Air Temperature Measurement: A Semi-Empirical Model to Characterize Shelter Performance. Climate, 2019, 7, 26.	1.2	5
16	Ã‰valuation environnementale du PDU nantais 2000-2010 Ã partir des simulations numÃ©riques des scÃ©narios alternatifs du programme Eval-PDU. Recherche - Transports - Securite, 2015, 2015, 97-120.	0.1	1