Matteo Marcantonio

List of Publications by Year in descending order

38	1,121	394286	414303
papers	citations	19 h-index	32 g-index

41	41	41	2529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring Î²â€diversity by remote sensing: A challenge for biodiversity monitoring. Methods in Ecology and Evolution, 2018, 9, 1787-1798.	2.2	97
2	Identifying the Environmental Conditions Favouring West Nile Virus Outbreaks in Europe. PLoS ONE, 2015, 10, e0121158.	1.1	82
3	Potential of remote sensing to predict species invasions. Progress in Physical Geography, 2015, 39, 283-309.	1.4	80
4	Measuring Rao's Q diversity index from remote sensing: An open source solution. Ecological Indicators, 2017, 72, 234-238.	2.6	73
5	Estimating tree species diversity from space in an alpine conifer forest: The Rao's Q diversity index meets the spectral variation hypothesis. Ecological Informatics, 2019, 52, 26-34.	2.3	66
6	First assessment of potential distribution and dispersal capacity of the emerging invasive mosquito Aedes koreicus in Northeast Italy. Parasites and Vectors, 2016, 9, 63.	1.0	51
7	Biodiversity, roads, & landscape fragmentation: Two Mediterranean cases. Applied Geography, 2013, 42, 63-72.	1.7	48
8	The impact of road disturbance on vegetation and soil properties in a beech stand, Hyrcanian forest. European Journal of Forest Research, 2018, 137, 759-770.	1.1	47
9	A multi-temporal approach in MaxEnt modelling: A new frontier for land use/land cover change detection. Ecological Informatics, 2017, 40, 40-49.	2.3	44
10	Time-lapsing biodiversity: An open source method for measuring diversity changes by remote sensing. Remote Sensing of Environment, 2019, 231, 111192.	4.6	37
11	Remotely sensed spatial heterogeneity as an exploratory tool for taxonomic and functional diversity study. Ecological Indicators, 2018, 85, 983-990.	2.6	35
12	Towards an eco-evolutionary understanding of endemism hotspots and refugia. Annals of Botany, 2018, 122, 927-934.	1.4	33
13	rasterdivâ€"An Information Theory tailored R package for measuring ecosystem heterogeneity from space: To the origin and back. Methods in Ecology and Evolution, 2021, 12, 1093-1102.	2.2	33
14	Modeling Potential Habitat for Amblyomma Tick Species in California. Insects, 2019, 10, 201.	1.0	30
15	Impact of alien species on dune systems: a multifaceted approach. Biodiversity and Conservation, 2014, 23, 2645-2668.	1.2	27
16	The spatial domain matters: Spatially constrained species rarefaction in a Free and Open Source environment. Ecological Complexity, 2012, 12, 63-69.	1.4	24
17	Soil depth shapes plant functional diversity in granite outcrops vegetation of Southwestern Australia. Plant Ecology and Diversity, 2016, 9, 263-276.	1.0	23
18	A multifaceted approach for beech forest conservation: Environmental drivers of understory plant diversity. Flora: Morphology, Distribution, Functional Ecology of Plants, 2019, 256, 85-91.	0.6	23

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19	Robust rectification of aerial photographs in an open source environment. Computers and Geosciences, 2012, 39, 145-151.	2.0	22
20	The impact of forest roads on understory plant diversity in temperate hornbeam-beech forests of Northern Iran. Environmental Monitoring and Assessment, 2017, 189, 392.	1.3	22
21	Quantifying Aedes aegypti dispersal in space and time: a modeling approach. Ecosphere, 2019, 10, e02977.	1.0	22
22	An integrated pest control strategy against the Asian tiger mosquito in northern Italy: a case study. Pest Management Science, 2017, 73, 87-93.	1.7	21
23	From zero to infinity: Minimum to maximum diversity of the planet by spatioâ€parametric Raoâ€™s quadratic entropy. Global Ecology and Biogeography, 2021, 30, 1153-1162.	2.7	21
24	Anticipating species distributions: Handling sampling effort bias under a Bayesian framework. Science of the Total Environment, 2017, 584-585, 282-290.	3.9	20
25	Mapping of Aedes albopictus Abundance at a Local Scale in Italy. Remote Sensing, 2017, 9, 749.	1.8	17
26	Whole-genome assembly of Culex tarsalis. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	17
27	The integration of Artificial Night-Time Lights in landscape ecology: A remote sensing approach. Ecological Complexity, 2015, 22, 109-120.	1.4	16
28	Shape matters in sampling plant diversity: Evidence from the field. Ecological Complexity, 2015, 24, 37-45.	1.4	16
29	Effects of an afforestation process on plant species richness: A retrogressive analysis. Ecological Complexity, 2012, 9, 55-62.	1.4	13
30	Cartogramming uncertainty in species distribution models: A Bayesian approach. Ecological Complexity, 2019, 38, 146-155.	1.4	13
31	Spatio-ecological complexity measures in GRASS GIS. Computers and Geosciences, 2017, 104, 166-176.	2.0	9
32	Measuring diversity from space: a global view of the free and open source rasterdiv R package under a coding perspective. Community Ecology, 2021, 22, 1-11.	0.5	9
33	Will the yellow fever mosquito colonise Europe? Assessing the re-introduction of Aedes aegypti using a process-based population dynamical model. Ecological Informatics, 2021, 61, 101180.	2.3	8
34	Woody species in resourceâ€rich microrefugia of granite outcrops display unique functional signatures. Austral Ecology, 2019, 44, 575-580.	0.7	7
35	A Lack of â€œEnvironmental Earth Dataâ€•at the Microhabitat Scale Impacts Efforts to Control Invasive Arthropods That Vector Pathogens. Data, 2019, 4, 133.	1.2	6
36	Precipitation seasonality promotes acquisitive and variable leaf water-economics traits in southwest Australian granite outcrop species. Biological Journal of the Linnean Society, 2021, 133, 411-417.	0.7	5

#	Article	IF	Citations
37	Sometimes Scientists Get the Flu. Wrongâ€¦!. Trends in Parasitology, 2017, 33, 7-9.	1.5	2
38	Revisiting Alkali Metals As a Tool to Characterize Patterns of Mosquito Dispersal and Oviposition. Insects, 2019, 10, 220.	1.0	1