

Eduardo E Maeda

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,080
citations

218677

26
h-index

254184

43
g-index

65
all docs

65
docs citations

65
times ranked

3506
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved detection of abrupt change in vegetation reveals dominant fractional woody cover decline in Eastern Africa. <i>Remote Sensing of Environment</i> , 2022, 271, 112897.	11.0	11
2	Shifts in structural diversity of Amazonian forest edges detected using terrestrial laser scanning. <i>Remote Sensing of Environment</i> , 2022, 271, 112895.	11.0	12
3	Forest fragmentation impacts the seasonality of Amazonian evergreen canopies. <i>Nature Communications</i> , 2022, 13, 917.	12.8	20
4	Large-scale commodity agriculture exacerbates the climatic impacts of Amazonian deforestation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
5	Sensitivity of Spectral Indices on Burned Area Detection using Landsat Time Series in Savannas of Southern Burkina Faso. <i>Remote Sensing</i> , 2021, 13, 2492.	4.0	11
6	Mapping Cropland Burned Area in Northeastern China by Integrating Landsat Time Series and Multi-Harmonic Model. <i>Remote Sensing</i> , 2021, 13, 5131.	4.0	5
7	Patch aggregation trends of the global climate landscape under future global warming scenario. <i>International Journal of Climatology</i> , 2020, 40, 2674-2685.	3.5	58
8	Impact of rainfall extremes on energy exchange and surface temperature anomalies across biomes in the Horn of Africa. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107779.	4.8	18
9	Land Surface Temperature Trend and Its Drivers in East Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033446.	3.3	8
10	Spatial Variability and Detection Levels for Chlorophyll-a Estimates in High Latitude Lakes Using Landsat Imagery. <i>Remote Sensing</i> , 2020, 12, 2898.	4.0	4
11	Climatic impacts of bushland to cropland conversion in Eastern Africa. <i>Science of the Total Environment</i> , 2020, 717, 137255.	8.0	18
12	Intensification of the dispersion of the global climatic landscape and its potential as a new climate change indicator. <i>Environmental Research Letters</i> , 2020, 15, 114032.	5.2	6
13	Persistent collapse of biomass in Amazonian forest edges following deforestation leads to unaccounted carbon losses. <i>Science Advances</i> , 2020, 6, .	10.3	82
14	Seasonal and Inter-annual Variation of Evapotranspiration in Amazonia Based on Precipitation, River Discharge and Gravity Anomaly Data. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	8
15	Carbon-diversity hotspots and their owners in Brazilian southeastern Savanna, Atlantic Forest and Semi-Arid Woodland domains. <i>Forest Ecology and Management</i> , 2019, 452, 117575.	3.2	19
16	Temporal patterns of phytoplankton phenology across high latitude lakes unveiled by long-term time series of satellite data. <i>Remote Sensing of Environment</i> , 2019, 221, 609-620.	11.0	28
17	Clarifying the role of radiative mechanisms in the spatio-temporal changes of land surface temperature across the Horn of Africa. <i>Remote Sensing of Environment</i> , 2019, 221, 210-224.	11.0	38
18	Burned area detection based on Landsat time series in savannas of southern Burkina Faso. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 64, 210-220.	2.8	31

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19	Invasive tree species detection in the Eastern Arc Mountains biodiversity hotspot using one class classification. <i>Remote Sensing of Environment</i> , 2018, 218, 119-131.	11.0	35
20	Rainfall-vegetation interaction regulates temperature anomalies during extreme dry events in the Horn of Africa. <i>Global and Planetary Change</i> , 2018, 167, 35-45.	3.5	42
21	Assessing spatial distribution of <i>Coffea arabica</i> L. in Ethiopia's highlands using species distribution models and geospatial analysis methods. <i>Ecological Informatics</i> , 2017, 42, 79-89.	5.2	10
22	A Bayesian model of fisheries discards with flexible structure and priors defined by experts. <i>Ecological Modelling</i> , 2017, 366, 1-14.	2.5	13
23	Determinants of Aboveground Biomass across an Afromontane Landscape Mosaic in Kenya. <i>Remote Sensing</i> , 2017, 9, 827.	4.0	22
24	Classification of Tree Species in a Diverse African Agroforestry Landscape Using Imaging Spectroscopy and Laser Scanning. <i>Remote Sensing</i> , 2017, 9, 875.	4.0	33
25	Climate drivers of the Amazon forest greening. <i>PLoS ONE</i> , 2017, 12, e0180932.	2.5	63
26	Evapotranspiration seasonality across the Amazon Basin. <i>Earth System Dynamics</i> , 2017, 8, 439-454.	7.1	71
27	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. <i>Biogeosciences</i> , 2016, 13, 2537-2562.	3.3	108
28	Land Cover Characterization in West Sudanian Savannas Using Seasonal Features from Annual Landsat Time Series. <i>Remote Sensing</i> , 2016, 8, 365.	4.0	26
29	Spatial Assessment of the Bioclimatic and Environmental Factors Driving Mangrove Tree Species'™ Distribution along the Brazilian Coastline. <i>Remote Sensing</i> , 2016, 8, 451.	4.0	26
30	Use of remotely sensed land surface temperature as a proxy for air temperatures at high elevations: Findings from a 5000m elevational transect across Kilimanjaro. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9998.	3.3	53
31	Scaling estimates of vegetation structure in Amazonian tropical forests using multi-angle MODIS observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 580-590.	2.8	6
32	The effect of topographic normalization on fractional tree cover mapping in tropical mountains: An assessment based on seasonal Landsat time series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 20-31.	2.8	23
33	Consistency of vegetation index seasonality across the Amazon rainforest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 42-53.	2.8	29
34	Disruption of hydroecological equilibrium in southwest Amazon mediated by drought. <i>Geophysical Research Letters</i> , 2015, 42, 7546-7553.	4.0	34
35	Identifying potential areas of understorey coffee in Ethiopia's™ highlands using predictive modelling. <i>International Journal of Remote Sensing</i> , 2015, 36, 2898-2919.	2.9	13
36	Reconstructing pre-agricultural expansion vegetation cover of Ethiopia. <i>Applied Geography</i> , 2015, 62, 357-365.	3.7	27

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37	Sun-sensor geometry effects on vegetation index anomalies in the Amazon rainforest. <i>GIScience and Remote Sensing</i> , 2015, 52, 332-343.	5.9	12
38	Object-based image analysis for distinguishing indigenous and exotic forests in coffee production areas of Ethiopia. <i>Applied Geomatics</i> , 2014, 6, 207-214.	2.5	10
39	Spatiotemporal characterization of land surface temperature in Mount Kilimanjaro using satellite data. <i>Theoretical and Applied Climatology</i> , 2014, 118, 497-509.	2.8	16
40	Evaluating the Impact of Distance Measures on Deforestation Simulations in the Fluvial Landscapes of Amazonia. <i>Ambio</i> , 2014, 43, 779-790.	5.5	10
41	Downscaling MODIS LST in the East African mountains using elevation gradient and land-cover information. <i>International Journal of Remote Sensing</i> , 2014, 35, 3094-3108.	2.9	19
42	Season-dependence of remote sensing indicators of tree species diversity. <i>Remote Sensing Letters</i> , 2014, 5, 404-412.	1.4	18
43	Can MODIS EVI monitor ecosystem productivity in the Amazon rainforest?. <i>Geophysical Research Letters</i> , 2014, 41, 7176-7183.	4.0	42
44	Characterisation of global precipitation frequency through the Lévy moments approach. <i>Area</i> , 2013, 45, 98-108.	1.6	8
45	Agricultural Expansion and Its Consequences in the Taita Hills, Kenya. <i>Developments in Earth Surface Processes</i> , 2013, , 165-179.	2.8	48
46	Decreasing precipitation extremes at higher temperatures in tropical regions. <i>Natural Hazards</i> , 2012, 64, 935-941.	3.4	48
47	Open Environmental Data in Developing Countries: Who Benefits?. <i>Ambio</i> , 2012, 41, 410-412.	5.5	7
48	Does higher surface temperature intensify extreme precipitation?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	290
49	Fire risk assessment in the Brazilian Amazon using MODIS imagery and change vector analysis. <i>Applied Geography</i> , 2011, 31, 76-84.	3.7	23
50	Estimating reference evapotranspiration using remote sensing and empirical models in a region with limited ground data availability in Kenya. <i>Applied Geography</i> , 2011, 31, 251-258.	3.7	73
51	Dynamic modeling of forest conversion: Simulation of past and future scenarios of rural activities expansion in the fringes of the Xingu National Park, Brazilian Amazon. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 435-446.	2.8	60
52	Identificação de Áreas prioritárias para recuperação florestal com o uso de rede neural de mapas auto-organizáveis. <i>Boletim De Ciencias Geodesicas</i> , 2011, 17, 379-400.	0.3	3
53	Prospective changes in irrigation water requirements caused by agricultural expansion and climate changes in the eastern arc mountains of Kenya. <i>Journal of Environmental Management</i> , 2011, 92, 982-993.	7.8	38
54	Potential impacts of agricultural expansion and climate change on soil erosion in the Eastern Arc Mountains of Kenya. <i>Geomorphology</i> , 2010, 123, 279-289.	2.6	82

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55	Modelling agricultural expansion in Kenya's Eastern Arc Mountains biodiversity hotspot. <i>Agricultural Systems</i> , 2010, 103, 609-620.	6.1	51
56	Estimating soybean crop areas using spectral-temporal surfaces derived from MODIS images in Mato Grosso, Brazil. <i>Pesquisa Agropecuária Brasileira</i> , 2010, 45, 72-80.	0.9	28
57	Data mining by decision tree for object oriented classification of the sugar cane cut kinds. , 2009, , .		2
58	Landslide inventory using image fusion techniques in Brazil. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2009, 11, 181-191.	2.8	47
59	Predicting forest fire in the Brazilian Amazon using MODIS imagery and artificial neural networks. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2009, 11, 265-272.	2.8	55
60	Impacts of Land Use and Land Cover Changes on Sediment Yield in a Brazilian Amazon Drainage Basin. <i>GIScience and Remote Sensing</i> , 2008, 45, 443-453.	5.9	20
61	Análise histórica das transformações da Floresta Amazônica em áreas agrícolas na Bacia do Rio Suia-Miú. <i>Sociedade & Natureza</i> , 2008, 20, 5-24.	0.0	7
62	Análise discriminante paramétrica para reconhecimento de defeitos em tábuas de eucalipto utilizando imagens digitais. <i>Revista Arvore</i> , 2005, 29, 299-309.	0.5	5
63	Does topographic normalization of landsat images improve fractional tree cover mapping in tropical mountains?. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-7/W3, 261-267.	0.2	9