Marcos Adami

List of Publications by Year
in descending order

82 papers	2,632 citations	257450 24 h-index	197818 49 g-index
83 all docs	83 docs citations	83 times ranked	3316 citing authors

#	Article	IF	Citations
1	Studies on the Rapid Expansion of Sugarcane for Ethanol Production in São Paulo State (Brazil) Using Landsat Data. Remote Sensing, 2010, 2, 1057-1076.	4.0	317
2	High spatial resolution land use and land cover mapping of the Brazilian Legal Amazon in 2008 using Landsat-5/TM and MODIS data. Acta Amazonica, 2016, 46, 291-302.	0.7	223
3	Massive soybean expansion in South America since 2000 and implications for conservation. Nature Sustainability, 2021, 4, 784-792.	23.7	153
4	The Soy Moratorium in the Amazon Biome Monitored by Remote Sensing Images. Remote Sensing, 2011, 3, 185-202.	4.0	132
5	DETER-B: The New Amazon Near Real-Time Deforestation Detection System. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3619-3628.	4.9	130
6	Remote Sensing Time Series to Evaluate Direct Land Use Change of Recent Expanded Sugarcane Crop in Brazil. Sustainability, 2012, 4, 574-585.	3.2	129
7	Pervasive Rise of Small-scale Deforestation in Amazonia. Scientific Reports, 2018, 8, 1600.	3.3	127
8	Land use and land cover changes determine the spatial relationship between fire and deforestation in the Brazilian Amazon. Applied Geography, 2012, 34, 239-246.	3.7	114
9	Recent cropping frequency, expansion, and abandonment in Mato Grosso, Brazil had selective land characteristics. Environmental Research Letters, 2014, 9, 064010.	5.2	106
10	Brazilian Mangrove Status: Three Decades of Satellite Data Analysis. Remote Sensing, 2019, 11, 808.	4.0	101
11	Large carbon sink potential of secondary forests in the Brazilian Amazon to mitigate climate change. Nature Communications, 2021, 12, 1785.	12.8	99
12	Remote Sensing Images in Support of Environmental Protocol: Monitoring the Sugarcane Harvest in São Paulo State, Brazil. Remote Sensing, 2011, 3, 2682-2703.	4.0	82
13	Disentangling the contribution of multiple land covers to fire‐mediated carbon emissions in Amazonia during the 2010 drought. Global Biogeochemical Cycles, 2015, 29, 1739-1753.	4.9	63
14	Monitoring Biennial Bearing Effect on Coffee Yield Using MODIS Remote Sensing Imagery. Remote Sensing, 2012, 4, 2492-2509.	4.0	58
15	Mapping tropical disturbed forests using multi-decadal 30‐m optical satellite imagery. Remote Sensing of Environment, 2019, 221, 474-488.	11.0	52
16	Upturn in secondary forest clearing buffers primary forest loss in the Brazilian Amazon. Nature Sustainability, 2020, 3, 290-295.	23.7	44
17	Towards zero deforestation and forest restoration in the Amazon region of Maranhão state, Brazil. Land Use Policy, 2017, 68, 692-698.	5.6	41
18	A Web Platform Development to Perform Thematic Accuracy Assessment of Sugarcane Mapping in South-Central Brazil. Remote Sensing, 2012, 4, 3201-3214.	4.0	32

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19	Remote Sensing Images to Detect Soy Plantations in the Amazon Biomeâ€"The Soy Moratorium Initiative. Sustainability, 2012, 4, 1074-1088.	3.2	29
20	Worldwide Research on Land Use and Land Cover in the Amazon Region. Sustainability, 2021, 13, 6039.	3.2	29
21	AnÃ¡lise espectral e temporal da cultura do cafÃ© em imagens Landsat. Pesquisa Agropecuaria Brasileira, 2004, 39, 223-231.	0.9	28
22	Soybean crop area estimation by Modis/Evi data. Pesquisa Agropecuaria Brasileira, 2012, 47, 425-435.	0.9	28
23	Greenhouse gas balance from cultivation and direct land use change of recently established sugarcane (Saccharum officinarum) plantation in south-central Brazil. Renewable and Sustainable Energy Reviews, 2015, 52, 547-556.	16.4	27
24	Estimativa de Ã¡rea de folÃolos de soja usando imagens digitais e dimensÃµes foliares. Bragantia, 2008, 67, 1053-1058.	1.3	25
25	Estimativa da produtividade de cafÃ© com base em um modelo agrometeorolÃ³gico-espectral. Pesquisa Agropecuaria Brasileira, 2010, 45, 1478-1488.	0.9	25
26	Land use dynamics in the Brazilian Cerrado in the period from 2002 to 2013. Pesquisa Agropecuaria Brasileira, 0, 54, .	0.9	25
27	Changes in secondary vegetation dynamics in a context of decreasing deforestation rates in ParÃ¡, Brazilian Amazon. Applied Geography, 2019, 106, 40-49.	3.7	25
28	Greenhouse gas mitigation potential from green harvested sugarcane scenarios in SÃ£o Paulo State, Brazil. Biomass and Bioenergy, 2013, 59, 195-207.	5.7	24
29	Multitemporal Analysis of Land Use and Land Cover within an Oil Block in the Ecuadorian Amazon. ISPRS International Journal of Geo-Information, 2021, 10, 191.	2.9	22
30	Ãndices de vegetaÃ§Ã£o Modis aplicados na discriminaÃ§Ã£o de Ã¡reas de soja. Pesquisa Agropecuaria Brasileira, 2012, 47, 1317-1326.	0.9	22
31	Multitemporal Analysis of Deforestation in Response to the Construction of the TucuruÃ-Dam. ISPRS International Journal of Geo-Information, 2020, 9, 583.	2.9	21
32	Imagens de sensoriamento remoto no monitoramento da colheita da cana-de-aÃ§Ãºcar. Engenharia Agricola, 2009, 29, 440-451.	0.7	19
33	MODIS Time Series to Detect Anthropogenic Interventions and Degradation Processes in Tropical Pasture. Remote Sensing, 2017, 9, 73.	4.0	19
34	Seasonality of vegetation types of South America depicted by moderate resolution imaging spectroradiometer (MODIS) time series. International Journal of Applied Earth Observation and Geoinformation, 2018, 69, 148-163.	2.8	19
35	Geotecnologias para mapear lavouras de cafÃ© nos estados de Minas Gerais e SÃ£o Paulo. Engenharia Agricola, 2010, 30, 1123-1135.	0.7	18
36	Performance Analysis of MODIS 500-m Spatial Resolution Products for Estimating Chlorophyll-a Concentrations in Oligo- to Meso-Trophic Waters Case Study: Itumbiara Reservoir, Brazil. Remote Sensing, 2014, 6, 1634-1653.	4.0	18

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37	Viabilidade de uso de imagens do Landsat em mapeamento de área cultivada com soja no Estado do Paraná. Pesquisa Agropecuaria Brasileira, 2008, 43, 1777-1783.	0.9	17
38	Evaluation of polarimetry and interferometry of sentinel-1A SAR data for land use and land cover of the Brazilian Amazon Region. Geocarto International, 2022, 37, 1482-1500.	3.5	15
39	Estudo da dinâmica espaço-temporal do bioma Pantanal por meio de imagens MODIS. Pesquisa Agropecuaria Brasileira, 2008, 43, 1371-1378.	0.9	14
40	Validação de dados termopluviométricos obtidos via sensoriamento remoto para o Estado de São Paulo. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 665-671.	1.1	14
41	Limitations of cloud cover for optical remote sensing of agricultural areas across South America. Remote Sensing Applications: Society and Environment, 2020, 20, 100414.	1.5	12
42	Comparative Analysis of the Global Forest/Non-Forest Maps Derived from SAR and Optical Sensors. Case Studies from Brazilian Amazon and Cerrado Biomes. Remote Sensing, 2021, 13, 367.	4.0	12
43	Expansion of soybean farming into deforested areas in the amazon biome: the role and impact of the soy moratorium. Sustainability Science, 2021, 16, 1295-1312.	4.9	12
44	Analysis of agricultural intensification in a basin with remote sensing data. GIScience and Remote Sensing, 2014, 51, 253-268.	5.9	11
45	Imagens mono e multitemporais Modis para estimativa da área com soja no estado de Mato Grosso. Pesquisa Agropecuaria Brasileira, 2011, 46, 1530-1537.	0.9	10
46	A Large-Scale Deep-Learning Approach for Multi-Temporal Aqua and Salt-Culture Mapping. Remote Sensing, 2021, 13, 1415.	4.0	10
47	Mapping Deforestation in Cerrado Based on Hybrid Deep Learning Architecture and Medium Spatial Resolution Satellite Time Series. Remote Sensing, 2022, 14, 209.	4.0	7
48	Multisensor approach to land use and land cover mapping in Brazilian Amazon. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 189, 95-109.	11.1	7
49	Estimativa da área de soja no Estado do Rio Grande do Sul por um método de amostragem. Ciencia Rural, 2006, 36, 30-35.	0.5	6
50	Amostragem probabilística estratificada por pontos para estimar a área cultivada com soja. Pesquisa Agropecuaria Brasileira, 2010, 45, 585-592.	0.9	6
51	Temporal series of EVI/MODIS to identify land converted to sugarcane. , 2009, , .		5
52	Modis time series to assess pasture land. , 2010, , .		5
53	Painel amostral para estimativa de áreas agrícolas. Pesquisa Agropecuaria Brasileira, 2007, 42, 81-88.	0.9	4
54	Discriminação da cobertura vegetal do Cerrado matogrossense por meio de imagens MODIS. Pesquisa Agropecuaria Brasileira, 2010, 45, 186-194.	0.9	4

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55	The Sustainable Expansion of the Cocoa Crop in the State of Par&#225; and Its Contribution to Altered Areas Recovery and Fire Reduction. Journal of Geographic Information System, 2022, 14, 294-313.	0.5	4
56	Effect of Nitrogen and Endophytic Bacteria on Biophysical and Spectral Parameters of Wheat Canopy. Agronomy Journal, 2010, 102, 544-552.	1.8	3
57	Monitoring biennial bearing effect on coffee yield using modis remote sensing imagery. , 2012, , .		3
58	Artificial neural network for ecological-economic zoning as a tool for spatial planning. Pesquisa Agropecuaria Brasileira, 2017, 52, 1050-1062.	0.9	3
59	Frost damage detection in sugarcane crop using MODIS images and SRTM data. , 2012, , .		2
60	DistinÃ§Ã£o de espÃ©cies de eucaliptode diferentes idades por meio de imagens TM/Landsat 5. Pesquisa Agropecuaria Brasileira, 2016, 51, 53-60.	0.9	2
61	Forest Fragmentation And Landscape Structure In The GuamÃ¡ River Basin, Eastern Amazon. Geography, Environment, Sustainability, 2021, 14, 32-40.	1.3	2
62	Rural landscapes and agrarian spaces under soybean expansion dynamics: a case study of the SantarÃ©m region, Brazilian Amazonia. Regional Environmental Change, 2021, 21, 1.	2.9	2
63	Usos da Terra e ConservaÃ§Ã£o da Biodiversidade na Bacia HidrogrÃ¡fica do Rio Marapanim, ParÃ¡ (Land use) Tj ETQq1 1 0.784314 rg Fisica, 2019, 12, 929-943.	0.1	2
64	Marked non-compliance with deforestation embargoes in the Brazilian Amazon. Environmental Research Letters, 2022, 17, 054033.	5.2	2
65	A simplified Bayesian Network to map soybean plantations. , 2010, , .		1
66	An R implementation for Bayesian networks applied to spatial data. Procedia Environmental Sciences, 2011, 7, 275-280.	1.4	1
67	Remote Sensing and Landscape Metrics for Evaluation of Secondary Vegetation Patterns in the Forest Fragmentation in an Area of the Brazilian Amazon. , 2018, , .		1
68	HansenÃase e migraÃ§Ã£o: correlaÃ§Ã£o espacial em um Estado hiperendÃªmico da AmazÃ´nia brasileira. Research, Society and Development, 2021, 10, e1810111164.	0.1	1
69	USO E OCUPAÃ‡Ã£O DO SOLO NO MUNICÃPIO DE MARAPANIM/PA, COM BASE NOS DADOS DO PROJETO TERRACLASS PARA OS ANOS DE 2008 E 2010. Holos, 0, 1, 81-90.	0.0	1
70	Fronteira AgrÃcola e a polÃtica de priorizaÃ§Ã£o dos municÃpios no combate ao desmatamento no estado do ParÃ¡, AmazÃ´nia. Estudos Sociedade E Agricultura, 0, 28, 434.	0.1	1
71	Space-Time Dynamics of Land Use in the Municipality of GoianÃ©sia Do ParÃ¡, Brazil. ISPRS International Journal of Geo-Information, 2022, 11, 146.	2.9	1
72	Temporal and spatial dynamics of C-band brightness temperature over the Brazilian tropical savanna. , 2007, , .		0

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73	Fusão de imagens por IHS para melhorar a identificação de uso do solo em elementos amostrais. Engenharia Agricola, 2007, 27, 529-536.	0.7	0
74	Automatic classification of land cover change associated with the Brazilian sugarcane expansion over the last decade. , 2012, , .		0
75	Spatial Assessment of Mining Data in the Southwest Region of the State of Para, Brazil. , 2018, , .		0
76	Análise do Albedo de Superfície da Palma de Óleo e Diferentes Usos e Coberturas do Solo no Leste da Amazônia. Revista Brasileira De Meteorologia, 2021, 36, 15-21.	0.5	0
77	Estimation of wood volume of *Eucalyptus dunnii* and *urograndis* of different ages using TM/Landsat 5i. Ciencia Florestal, 2021, 31, 683-704.	0.3	0
78	Hanseníase no Estado do Pará: expressão do perfil epidemiológico no período de 2006 a 2015. Revista Eletrônica Acervo Saúde, 2021, 13, e8656.	0.1	0
79	Fatores que influenciam na modelagem de uso da terra da bacia hidrográfica do Rio Marapanim, Pará.. Revista Brasileira De Geografia Fisica, 2020, 13, 3370-3394.	0.1	0
80	Analise multitemporal do desmatamento no municÃpio de Tomé-Açú entre 1985 a 2018. Pesquisa Florestal Brasileira, 0, 42, .	0.1	0
81	Análise do NVDI em uma área de transição de cerrado e vegetação secundária no municÃpio de Vigia-Pará-Brasil. Research, Society and Development, 2022, 11, e7411325804.	0.1	0
82	Proposta metodológica para mapeamento das áreas de não-floresta presentes no projeto de monitoramento de áreas desflorestadas da Amazônia Legal Brasileira. Research, Society and Development, 2022, 11, e20411425794.	0.1	0