Claudia Almeida

List of Publications by Year
in descending order

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Version: 2024-02-01

57	1,268	687220 13	377752 34
papers	citations	h-index	g-index

59	59	59	1541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using neural networks and cellular automata for modelling intraâ€urban landâ€use dynamics. International Journal of Geographical Information Science, 2008, 22, 943-963.	2.2	230
2	Stochastic cellular automata modeling of urban land use dynamics: empirical development and estimation. Computers, Environment and Urban Systems, 2003, 27, 481-509.	3.3	173
3	GIS and remote sensing as tools for the simulation of urban landâ€use change. International Journal of Remote Sensing, 2005, 26, 759-774.	1.3	108
4	Evaluating Sentinel-2 and Landsat-8 Data to Map Sucessional Forest Stages in a Subtropical Forest in Southern Brazil. Remote Sensing, 2017, 9, 838.	1.8	94
5	Comparative performance of convolutional neural network, weighted and conventional support vector machine and random forest for classifying tree species using hyperspectral and photogrammetric data. GIScience and Remote Sensing, 2020, 57, 369-394.	2.4	91
6	Tree Species Classification in a Highly Diverse Subtropical Forest Integrating UAV-Based Photogrammetric Point Cloud and Hyperspectral Data. Remote Sensing, 2019, 11, 1338.	1.8	86
7	A Comparative Assessment of Machine-Learning Techniques for Land Use and Land Cover Classification of the Brazilian Tropical Savanna Using ALOS-2/PALSAR-2 Polarimetric Images. Remote Sensing, 2019, 11, 1600.	1.8	70
8	Land-cover classification of an intra-urban environment using high-resolution images and object-based image analysis. International Journal of Remote Sensing, 2012, 33, 5973-5995.	1.3	64
9	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. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 435-446.	1.4	60
10	Urban population estimation based on residential buildings volume using IKONOS-2 images and lidar data. International Journal of Remote Sensing, 2016, 37, 1-28.	1.3	58
11	Monitoring Wildfires in the Northeastern Peruvian Amazon Using Landsat-8 and Sentinel-2 Imagery in the GEE Platform. ISPRS International Journal of Geo-Information, 2020, 9, 564.	1.4	36
12	Multi-task fully convolutional network for tree species mapping in dense forests using small training hyperspectral data. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 179, 35-49.	4.9	26
13	A comparison of machine and deep-learning algorithms applied to multisource data for a subtropical forest area classification. International Journal of Remote Sensing, 2020, 41, 1943-1969.	1.3	15
14	Air Quality and Health Impacts of Future Ethanol Production and Use in SÃ£o Paulo State, Brazil. International Journal of Environmental Research and Public Health, 2016, 13, 695.	1.2	14
15	Educational infrastructure and its impact on urban land use change in a peri-urban area: a cellular-automata based approach. Land Use Policy, 2018, 79, 774-788.	2.5	14
16	Geomorphological mapping using object-based analysis and ASTER DEM in the ParaÃba do Sul Valley, Brazil. International Journal of Remote Sensing, 2009, 30, 6613-6620.	1.3	13
17	Modelagem dinÃ¢mica espacial das alteraÃ§Ãµes de cobertura e uso da terra relacionadas Ã expansÃ£o canavieira. Boletim De Ciencias Geodesicas, 2013, 19, 313-337.	0.2	13
18	Multilevel object-oriented classification of quickbird images for urban population estimates. , 2007, , .		11

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19	An open source object-based framework to extract landform classes. Expert Systems With Applications, 2012, 39, 541-554.	4.4	10
20	Dynamic modeling to support an integrated analysis among land use change, accessibility and gentrification. Land Use Policy, 2020, 99, 104992.	2.5	9
21	Uso do produto MOD13Q1 do sensor Modis para anÃ¡lise temporal e mapeamento das florestas nas Serras do Sudeste e Campanha Meridional do Rio Grande do Sul. Revista Arvore, 2013, 37, 459-467.	0.5	7
22	AvaliaÃ§Ã£o de desempenho de atributos estatÃsticos e texturais em uma classificaÃ§Ã£o de cobertura da terra baseada em objeto. Boletim De Ciencias Geodesicas, 2012, 18, 302-326.	0.2	7
23	EVALUATING A CONVOLUTIONAL NEURAL NETWORK FOR FEATURE EXTRACTION AND TREE SPECIES CLASSIFICATION USING UAV-HYPERSPECTRAL IMAGES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 193-199.	0.0	7
24	Mapping Three Decades of Changes in the Tropical Andean Glaciers Using Landsat Data Processed in the Earth Engine. Remote Sensing, 2022, 14, 1974.	1.8	7
25	AnÃ¡lise espacial da reduÃ§Ã£o da queima na colheita da cana-de-aÃ§Ãºcar: perspectivas futuras ao cumprimento do protocolo agroambiental. Engenharia Agricola, 2011, 31, 572-583.	0.2	6
26	ABORDAGENS PARA CLASSIFICAÃ‡ÃƒO DO ESTÃDIO SUCESSIONAL DA VEGETAÃ‡ÃƒO DO PARQUE NACIONAL DE SÃƒO JOAQUIM EMPREGANDO IMAGENS LANDSAT-8 E RAPIDEYE. Boletim De Ciencias Geodesicas, 2017, 23, 389-404.	0.2	6
27	IdentificaÃ§Ã£o de Ã¡reas prioritÃ¡rias para recuperaÃ§Ã£o florestal com o uso de rede neural de mapas auto-organizÃ¡veis. Boletim De Ciencias Geodesicas, 2011, 17, 379-400.	0.2	3
28	Elevation accuracy assessment of a DSM and DTM generated for an urban area from the ALTM 2025 airborne laser scanning sensor. , 2012, , .		3
29	ANÃLISE DO NÃVEL DE LEGENDA DE CLASSIFICAÃ‡ÃƒO DE AREAS URBANAS EMPREGANDO IMAGENS MULTIESPECTRAIS E HIPERESPECTRAIS COM OS MÃ‰TODOS ÃRVORE DE DECISÃƒO C4.5 E FLORESTA RANDÃ”MICA. Boletim De Ciencias Geodesicas, 2017, 23, 371-388.	0.2	3
30	MODELAGEM DINÂMICA ESPACIAL COMO FERRAMENTA PARA SIMULAÃ‡ÃƒO DE CENÁRIOS DA PAISAGEM NA REGIÃƒO PORTUÁRIA DA BAIXADA SANTISTA. Boletim De Ciencias Geodesicas, 2016, 22, 703-718.	0.2	3
31	Urban feature extraction on simulated WorldView-2 images. , 2013, , .		2
32	Foreword to the Special Issue on Human Settlement Observation and Monitoring from Space. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3995-3997.	2.3	2
33	MINERAÃ‡ÃƒO DE DADOS APLICADA Ã€ DISCRIMINAÃ‡ÃƒO DA COBERTURA DA TERRA EM IMAGEM LANDSAT 8 OLI. Boletim De Ciencias Geodesicas, 2015, 21, 706-720.	0.2	2
34	InterpretaÃ§Ã£o de imagens orbitais por meio de sistema especialista para o mapeamento de cobertura da terra em regiÃ£o montanhosa. Sociedade & Natureza, 2012, 24, 283-302.	0.0	2
35	Spatial Dynamic Models for Assessing the Impact of Public Policies: The Case of Unified Educational Centers in the Periphery of SÃ£o Paulo City. Land, 2022, 11, 922.	1.2	2
36	Joint VHR - LIDAR classification framework in urban areas using a priori knowledge and post processing shape optimization. , 2011, , .		1

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37	Spatial Dynamic Modelling of Deforestation in the Amazon. , 0, , .		1
38	Cellular automata-based spatial dynamic modeling for analyzing urban land use change. , 2013, , .		1
39	Integration of Worldview-2 and Lidar Data to MAP a Subtropical Forest Area: Comparison of Machine Learning Algorithms. , 2018, , .		1
40	Automatic tuning of segmentation parameters for tree crown delineation with VHR imagery. Geocarto International, 2019, , 1-19.	1.7	1
41	TLS AND SHORT-RANGE PHOTOGRAMMETRIC DATA FUSION FOR BUILDINGS 3D MODELING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2021, 279-284.	0.2	1
42	Abordagens cognitivas para a identificaÃ§Ã£o de unidades geomorfolÃ³gicas por meio de dados ASTER/Terra. Revista Brasileira De GeociÃªncias, 2009, 39, 276-288.	0.1	1
43	TÃ©cnicas de mineraÃ§Ã£o de dados aplicadas Ã classificaÃ§Ã£o do estÃ¡dio sucessional da vegetaÃ§Ã£o em Ã¡reas de floresta ombrÃ³fila mista. Scientia Forestalis/Forest Sciences, 2016, 44, .	0.2	1
44	CLASSIFICAÃ‡ÃƒO DA COBERTURA DO SOLO URBANO USANDO ÃRVORES DE DECISÃƒO A PARTIR DE UMA CENA WORLDVIEW-2 PARA DIFERENTES NÃVEIS DE LEGENDA. Geociencias, 2018, 37, 597-609.	0.1	1
45	Modelagem DinÃ¢mica Espacial das MudanÃ§as de Uso e Cobertura da Terra na RegiÃ£o HidrogrÃ¡fica da BaÃa da Ilha Grande-RJ: um Enfoque Sobre Comunidades Tradicionais e Unidades de ConservaÃ§Ã£o. Revista Brasileira De Cartografia, 2022, 74, 137-158.	0.1	1
46	Using the cognitive platform interimage to identify geomorphological features. Proceedings of SPIE, 2009, , .	0.8	0
47	An ALTM digital height model associated with VHR imagery for an object-based classification of intra-urban targets. , 2013, , .		0
48	Laser-scanning derived 3D information for estimating population in the presence of high-rise residential buildings. , 2013, , .		0
49	Object-based image analysis for urban land cover classification in the city of Campinas - SP, Brazil. , 2015, , .		0
50	Modelagem dinÃ¢mica espacial da expansÃ£o da agricultura em Campos Novos-SC. Geosul, 2018, 33, 260-285.	0.1	0
51	AvaliaÃ§Ã£o do Desempenho dos MÃ©todos ICP, CPD e SVR para Registro AutomÃ¡tico de Nuvens de Pontos Relativas a Telhados ExtraÃdas de Dados LiDAR Aerotransportados. Revista Brasileira De Cartografia, 2021, 73, 885-910.	0.1	0
52	Air quality and health impacts of ethanol production and use in SÃ£o Paulo State, Brazil. ISEE Conference Abstracts, 2013, 2013, 5404.	0.0	0
53	Air Quality And Health Impacts Of Future Ethanol Production And Use In SÃ£o Paulo State, Brazil. ISEE Conference Abstracts, 2015, 2015, 692.	0.0	0
54	IdentificaÃ§Ã£o de Pontos para a ExtraÃ§Ã£o de Estradas em Imagens SAR Aerotransportadas: uma Abordagem Baseada em Mapas Auto-OrganizÃ¡veis. , 0, , .		0

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55	DINÃ‚MICA DE FRAGMENTOS FLORESTAIS NO NOROESTE DO RIO GRANDE DO SUL. Geografia Ensino & Pesquisa, 0, , 177.	0.0	0
56	AVALIAÃ‡ÃƒO DAS RELAÃ‡Ã•ES ENTRE OS PARÂMETROS DA MODELAGEM GEOMORFOLÓGICA E A COBERTURA FLORESTAL NO NOROESTE DO RIO GRANDE DO SUL / ASSESSMENT OF RELATIONS BETWEEN THE GEOMORPHOLOGICAL MODELING PARAMETERS AND THE FOREST COVER IN THE NORTHWEST OF RS. Geo UERJ, 2018, .	0.1	0
57	ANÃ‰LISE DO IMPACTO DA CORREÃ‡ÃƒO ATMOSFÃ‰RICA NO CÃLCULO DO ÃNDICE DE VEGETAÃ‡ÃƒO POR DIFERENÃ‡A NORMALIZADA A PARTIR DE IMAGEM LANDSAT 8/OLI. Revista Brasileira De Geografia Fisica, 2020, 13, 076.	0.0	0