

Ana Paula Ramos

List of Publications by Year in descending order

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53
papers

1,007
citations

516561

16
h-index

434063

31
g-index

56
all docs

56
docs citations

56
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	A convolutional neural network approach for counting and geolocating citrus-trees in UAV multispectral imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 160, 97-106.	4.9	132
2	A random forest ranking approach to predict yield in maize with uav-based vegetation spectral indices. Computers and Electronics in Agriculture, 2020, 178, 105791.	3.7	122
3	A review on deep learning in UAV remote sensing. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102456.	1.4	115
4	Predicting Canopy Nitrogen Content in Citrus-Trees Using Random Forest Algorithm Associated to Spectral Vegetation Indices from UAV-Imagery. Remote Sensing, 2019, 11, 2925.	1.8	80
5	A Machine Learning Framework to Predict Nutrient Content in Valencia-Orange Leaf Hyperspectral Measurements. Remote Sensing, 2020, 12, 906.	1.8	75
6	Leaf Nitrogen Concentration and Plant Height Prediction for Maize Using UAV-Based Multispectral Imagery and Machine Learning Techniques. Remote Sensing, 2020, 12, 3237.	1.8	68
7	A CNN approach to simultaneously count plants and detect plantation-rows from UAV imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 174, 1-17.	4.9	61
8	Semantic segmentation of citrus-orchard using deep neural networks and multispectral UAV-based imagery. Precision Agriculture, 2021, 22, 1171-1188.	3.1	36
9	ATSS Deep Learning-Based Approach to Detect Apple Fruits. Remote Sensing, 2021, 13, 54.	1.8	36
10	Detecting coffee leaf rust with UAV-based vegetation indices and decision tree machine learning models. Computers and Electronics in Agriculture, 2021, 190, 106476.	3.7	34
11	Modeling Hyperspectral Response of Water-Stress Induced Lettuce Plants Using Artificial Neural Networks. Remote Sensing, 2019, 11, 2797.	1.8	30
12	Semantic Segmentation of Tree-Canopy in Urban Environment with Pixel-Wise Deep Learning. Remote Sensing, 2021, 13, 3054.	1.8	28
13	Improvement of leaf nitrogen content inference in Valencia-orange trees applying spectral analysis algorithms in UAV mounted-sensor images. International Journal of Applied Earth Observation and Geoinformation, 2019, 83, 101907.	1.4	24
14	Storm-Drain and Manhole Detection Using the RetinaNet Method. Sensors, 2020, 20, 4450.	2.1	22
15	Predicting Days to Maturity, Plant Height, and Grain Yield in Soybean: A Machine and Deep Learning Approach Using Multispectral Data. Remote Sensing, 2021, 13, 4632.	1.8	22
16	A Machine Learning Approach for Mapping Forest Vegetation in Riparian Zones in an Atlantic Biome Environment Using Sentinel-2 Imagery. Remote Sensing, 2020, 12, 4086.	1.8	19
17	Mapping Utility Poles in Aerial Orthoimages Using ATSS Deep Learning Method. Sensors, 2020, 20, 6070.	2.1	14
18	Mother-to-child transmission and gestational syphilis: Spatial-temporal epidemiology and demographics in a Brazilian region. PLoS Neglected Tropical Diseases, 2019, 13, e0007122.	1.3	12

#	ARTICLE	IF	CITATIONS
19	Land use/land cover change dynamics and their effects on land surface temperature in the western region of the state of São Paulo, Brazil. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	12
20	Predicting Eucalyptus Diameter at Breast Height and Total Height with UAV-Based Spectral Indices and Machine Learning. <i>Forests</i> , 2021, 12, 582.	0.9	9
21	Detecting the attack of the fall armyworm (<i>Spodoptera frugiperda</i>) in cotton plants with machine learning and spectral measurements. <i>Precision Agriculture</i> , 2022, 23, 470-491.	3.1	8
22	Climatic seasonality and water quality in watersheds: a study case in Limoeiro River watershed in the western region of São Paulo State, Brazil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30034-30049.	2.7	6
23	Prediction of insect-herbivory-damage and insect-type attack in maize plants using hyperspectral data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 105, 102608.	1.4	5
24	Counting and locating high-density objects using convolutional neural network. <i>Expert Systems With Applications</i> , 2022, 195, 116555.	4.4	5
25	Estudo preliminar da preferência de cor para rota e seta de manobra em mapas de sistemas de guia de rota. <i>Boletim De Ciencias Geodesicas</i> , 2014, 20, 317-333.	0.2	4
26	PREFERENCE FOR MAP SCALE OF IN-CAR ROUTE GUIDANCE AND NAVIGATION SYSTEM. <i>Boletim De Ciencias Geodesicas</i> , 2016, 22, 472-491.	0.2	4
27	Mauritia flexuosa palm trees airborne mapping with deep convolutional neural network. <i>Scientific Reports</i> , 2021, 11, 19619.	1.6	4
28	Multicriteria analysis and logistical grouping method for selecting areas to consortium landfills in Paraíba do Sul river basin, Brazil. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	4
29	Analysis of the Altimetric Accuracy of SRTM and Aster Digital Surface Models and their Application to the 3D Representation of Nhecolândia Pantanal. <i>Anuario Do Instituto De Geociencias</i> , 2018, 40, 48-54.	0.2	3
30	Semantic segmentation with labeling uncertainty and class imbalance applied to vegetation mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 108, 102690.	1.4	3
31	DRIVER PREFERENCE CONCERNING IN-CAR ROUTE GUIDANCE AND NAVIGATION SYSTEM MAPS FOR DRIVERS WITH COLOR VISION DEFICIENCY. <i>Boletim De Ciencias Geodesicas</i> , 2018, 24, 186-201.	0.2	1
32	EVALUATION OF USABILITY OF MAPS OF DIFFERENT SCALES PRESENTED IN AN IN-CAR ROUTE GUIDANCE AND NAVIGATION SYSTEM. <i>Boletim De Ciencias Geodesicas</i> , 2018, 24, 383-406.	0.2	1
33	A New Strategy for Consortium Sanitary Landfill Allocation Based on Multicriteria Analysis. <i>Revista Brasileira De Geografia Fisica</i> , 2021, 14, 420-438.	0.0	1
34	Desempenho do Algoritmo de Classificação de Imagens Random Forest para Mapeamento do Uso e Cobertura do Solo no Cerrado Brasileiro. <i>Anuario Do Instituto De Geociencias</i> , 0, 44, .	0.2	1
35	Analysis of the Altimetric Accuracy of ALOS AW3D30 Digital Surface Model for Mato Grosso do Sul. <i>Anuario Do Instituto De Geociencias</i> , 2019, 42, 333-338.	0.2	1
36	Abordagem sistemática de projeto cartográfico para a análise da qualidade ambiental de bacia hidrográfica. <i>Revista Brasileira De Geografia Fisica</i> , 2018, 11, 1079-1100.	0.0	1

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37	Gestão das Águas e planejamento ambiental: Áreas de preservação permanente no manancial do alto curso do rio Santo Anastácio em SP. Revista Brasileira De Geografia Física, 2018, 11, 674-686.	0.0	1
38	Tuberculosis space-temporal distribution from 2011 to 2016 in the municipality of Maputo, Mozambique. Poblacion Y Salud En Mesoamerica, 0, , .	0.1	1
39	DEFINIÇÃO DE ÁREAS PRIORITÁRIAS PARA A RECUPERAÇÃO FLORESTAL EM BACIAS HIDROGRÁFICAS A PARTIR DE ANÁLISE MULTICRITÉRIO. Caminhos De Geografia, 2020, 21, 220-233.	0.1	1
40	Implementação de Corredores Ecológicos no Distrito Federal e Entorno Baseado em Critérios Ponderados. Anuario Do Instituto De Geociencias, 0, 44, .	0.2	0
41	Integration of Photogrammetry and Deep Learning in Earth Observation Applications. , 2021, , .		0
42	INFLUÊNCIA DO GÊNERO NA DEMANDA VISUAL POR MAPAS EM ESCALAS DIFERENTES EM SISTEMA DE NAVEGAÇÃO E GUIA DE ROTA. Boletim De Ciencias Geodesicas, 2015, 21, 74-92.	0.2	0
43	Caracterização dos graus de fragilidades em estados geoecológicos da Unidade de Gerenciamento de Recursos Hídricos do Pontal do Paranapanema (SP, Brasil). Pesquisas Em Geociencias, 2017, 44, 235.	0.1	0
44	Abordagem geoecológica e jurídica para estudo de adequação de aterros de resíduos sólidos na bacia hidrográfica do Pontal do Paranapanema, São Paulo. Revista Brasileira De Geografia Física, 2018, 11, 835-849.	0.0	0
45	Evaluation of the Soil Quality at the Proximities of the Solid Waste Landfill in Pirapozinho, SP. Anuario Do Instituto De Geociencias, 2018, 41, 203-211.	0.2	0
46	Workflow to Spectral Imagery Calibration Obtained in Remotely Piloted Aircrafts (RPAs) by the Empirical Line Method. Anuario Do Instituto De Geociencias, 2019, 42, 291-300.	0.2	0
47	Pontos de Referência para Navegação por Motoristas com Deficiência na Visão de Cores. Revista Brasileira De Cartografia, 2019, 71, 31-53.	0.1	0
48	Remote Sensing Applied to the Environmental Regularization of Rural Properties in Mato Grosso do Sul. Anuario Do Instituto De Geociencias, 2019, 42, 145-153.	0.2	0
49	Vertical Accuracy Assessment of Digital Surface Models Using the Land Management System Data Base: A Case Study in the West of São Paulo State. Anuario Do Instituto De Geociencias, 2019, 42, 139-147.	0.2	0
50	DISTRIBUIÇÃO ESPACIAL DAS DOENÇAS TROPICAIS NEGLIGENCIADAS NA REGIÃO OESTE DO ESTADO DE SÃO PAULO. Caminhos De Geografia, 2020, 21, .	0.1	0
51	Validação de mapa de vulnerabilidade a erosão por aprendizagem de máquina. Revista Brasileira De Geografia Física, 2020, 13, 564-575.	0.0	0
52	MAPEAMENTO ESPACIO - TEMPORAL DE UMA DÂMADA DE INCIDÊNCIA DE ASMA EM CRIANÇAS EM MUNICÍPIOS PAULISTAS. Revista Tamoios, 2021, 17, .	0.3	0
53	Percepção ambiental e legibilidade do espaço: um estudo no contexto universitário. Ateliê Geografico, 2022, 16, .	0.0	0