

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	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
2	Counting and locating high-density objects using convolutional neural network. <i>Expert Systems With Applications</i> , 2022, 195, 116555.	4.4	5
3	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
4	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
5	Percepção ambiental e legibilidade do espaço: um estudo no contexto universitário. <i>Atelie Geografico</i> , 2022, 16, .	0.0	0
6	Semantic segmentation of citrus-orchard using deep neural networks and multispectral UAV-based imagery. <i>Precision Agriculture</i> , 2021, 22, 1171-1188.	3.1	36
7	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
8	A CNN approach to simultaneously count plants and detect plantation-rows from UAV imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 174, 1-17.	4.9	61
9	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
10	Semantic Segmentation of Tree-Canopy in Urban Environment with Pixel-Wise Deep Learning. <i>Remote Sensing</i> , 2021, 13, 3054.	1.8	28
11	A review on deep learning in UAV remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102456.	1.4	115
12	Detecting coffee leaf rust with UAV-based vegetation indices and decision tree machine learning models. <i>Computers and Electronics in Agriculture</i> , 2021, 190, 106476.	3.7	34
13	ATSS Deep Learning-Based Approach to Detect Apple Fruits. <i>Remote Sensing</i> , 2021, 13, 54.	1.8	36
14	Integration of Photogrammetry and Deep Learning in Earth Observation Applications. , 2021, , .		0
15	<i>Mauritia flexuosa</i> palm trees airborne mapping with deep convolutional neural network. <i>Scientific Reports</i> , 2021, 11, 19619.	1.6	4
16	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
17	Predicting Days to Maturity, Plant Height, and Grain Yield in Soybean: A Machine and Deep Learning Approach Using Multispectral Data. <i>Remote Sensing</i> , 2021, 13, 4632.	1.8	22
18	MAPEAMENTO ESPACIAL - TEMPORAL DE UMA DÁ%CADA DE INCIDÊNCIA DE ASMA EM CRIANÇAS EM MUNICÍPIOS PAULISTAS. <i>Revista Tamoios</i> , 2021, 17, .	0.3	0

#	ARTICLE	IF	CITATIONS
19	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
20	Land use/land cover change dynamics and their effects on land surface temperature in the western region of the state of São Paulo, Brazil. Regional Environmental Change, 2020, 20, 1.	1.4	12
21	Storm-Drain and Manhole Detection Using the RetinaNet Method. Sensors, 2020, 20, 4450.	2.1	22
22	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
23	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
24	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
25	Mapping Utility Poles in Aerial Orthoimages Using ATSS Deep Learning Method. Sensors, 2020, 20, 6070.	2.1	14
26	A Machine Learning Framework to Predict Nutrient Content in Valencia-Orange Leaf Hyperspectral Measurements. Remote Sensing, 2020, 12, 906.	1.8	75
27	Climatic seasonality and water quality in watersheds: a study case in Limoeiro River watershed in the western region of São Paulo State, Brazil. Environmental Science and Pollution Research, 2020, 27, 30034-30049.	2.7	6
28	DISTRIBUIÇÃO ESPACIAL DAS DOENÇAS TROPICAIS NEGLIGENCIADAS NA REGIÃO OESTE DO ESTADO DE SÃO PAULO. Caminhos De Geografia, 2020, 21, .	0.1	0
29	Validação de mapa de vulnerabilidade a erosão por aprendizagem de máquina. Revista Brasileira De Geografia Fisica, 2020, 13, 564-575.	0.0	0
30	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
31	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
32	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
33	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
34	Modeling Hyperspectral Response of Water-Stress Induced Lettuce Plants Using Artificial Neural Networks. Remote Sensing, 2019, 11, 2797.	1.8	30
35	Analysis of the Altimetric Accuracy of ALOS AW3D30 Digital Surface Model for Mato Grosso do Sul. Anuario Do Instituto De Geociencias, 2019, 42, 333-338.	0.2	1
36	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

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37	Pontos de Referência para Navegação por Motoristas com Deficiência na Visão de Cores. Revista Brasileira De Cartografia, 2019, 71, 31-53.	0.1	0
38	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
39	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
40	DRIVER PREFERENCE CONCERNING IN-CAR ROUTE GUIDANCE AND NAVIGATION SYSTEM MAPS FOR DRIVERS WITH COLOR VISION DEFICIENCY. Boletim De Ciencias Geodesicas, 2018, 24, 186-201.	0.2	1
41	EVALUATION OF USABILITY OF MAPS OF DIFFERENT SCALES PRESENTED IN AN IN-CAR ROUTE GUIDANCE AND NAVIGATION SYSTEM. Boletim De Ciencias Geodesicas, 2018, 24, 383-406.	0.2	1
42	Analysis of the Altimetric Accuracy of SRTM and Aster Digital Surface Models and their Application to the 3D Representation of Nhecolândia Pantanal. Anuario Do Instituto De Geociencias, 2018, 40, 48-54.	0.2	3
43	Abordagem sistemática de projeto cartográfico para a análise da qualidade ambiental de bacia hidrográfica. Revista Brasileira De Geografia Física, 2018, 11, 1079-1100.	0.0	1
44	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
45	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
46	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
47	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
48	PREFERENCE FOR MAP SCALE OF IN-CAR ROUTE GUIDANCE AND NAVIGATION SYSTEM. Boletim De Ciencias Geodesicas, 2016, 22, 472-491.	0.2	4
49	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
50	Estudo preliminar da preferência de cor para rota e seta de manobra em mapas de sistemas de guia de rota. Boletim De Ciencias Geodesicas, 2014, 20, 317-333.	0.2	4
51	Desempenho do Algoritmo de Classificação de Imagens Random Forest para Mapeamento do Uso e Cobertura do Solo no Cerrado Brasileiro. Anuario Do Instituto De Geociencias, 0, 44, .	0.2	1
52	Implementação de Corredores Ecológicos no Distrito Federal e Entorno Baseado em Critérios Ponderados. Anuario Do Instituto De Geociencias, 0, 44, .	0.2	0
53	Tuberculosis space-temporal distribution from 2011 to 2016 in the municipality of Maputo, Mozambique. Poblacion Y Salud En Mesoamerica, 0, , .	0.1	1