

Luiz Gonzaga

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

491
citations

759055

12
h-index

752573

20
g-index

62
all docs

62
docs citations

62
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Fire association with respiratory disease and COVID-19 complications in the State of Pará, Brazil. The Lancet Regional Health Americas, 2022, 6, 100102.	1.5	1
2	GNSS vector quality modelling combining Isolation Forest and Independent Vortices Search. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110455.	2.5	1
3	Method for evaluating roughness and valley areas coefficients of surfaces acquired by laser scanner. Scientific Reports, 2022, 12, 1486.	1.6	2
4	Driver behavior analysis on a curve through immersive simulation and a segmented regression model. Transportes, 2022, 30, .	0.3	1
5	Adaptive Segmentation for Discontinuity Detection on Karstified Carbonate Outcrop Images From UAV-SfM Acquisition and Detection Bias Analysis. IEEE Access, 2022, 10, 20514-20526.	2.6	9
6	Digitising Svalbard's Geology: the Festningen Digital Outcrop Model. First Break, 2022, 40, 47-55.	0.2	4
7	Spherical K-Means and Elbow Method Optimizations With Fisher Statistics for 3D Stochastic DFN From Virtual Outcrop Models. IEEE Access, 2022, 10, 63723-63735.	2.6	7
8	Determination of roughness coefficient in 3D digital representations of rocks. Scientific Reports, 2022, 12, .	1.6	3
9	Using digital outcrops to make the high Arctic more accessible through the Svalbox database. Journal of Geoscience Education, 2021, 69, 123-137.	0.8	15
10	A Critical Analysis of Red Ceramic Blocks Roughness Estimation by 2D and 3D Methods. Remote Sensing, 2021, 13, 789.	1.8	3
11	O Efeito das Covariâncias entre os Componentes de Linha Base sobre a Confiabilidade de Redes GNSS: Resultados para uma Rede com Alta Redundância. Revista Brasileira De Cartografia, 2021, 73, 666-684.	0.1	2
12	Monocular multi-person pose estimation: A survey. Pattern Recognition, 2021, 118, 108046.	5.1	11
13	Deep Learning Application for Fracture Segmentation Over Outcrop Images from UAV-Based Digital Photogrammetry. , 2021, , .		6
14	Mosis Lab Hyperspectral - Visualization and Correlation of Hyperspectral Data on Immersive Virtual Reality. , 2021, , .		2
15	Time Series Photogrammetric Processing Workflow for Wave-Washed Areas. , 2021, , .		0
16	Addition of an irrigation channel to a surgical template to facilitate cooling during implant osteotomy. Journal of Prosthetic Dentistry, 2020, 126, 164-166.	1.1	6
17	Respiratory Diseases, Malaria and Leishmaniasis: Temporal and Spatial Association with Fire Occurrences from Knowledge Discovery and Data Mining. International Journal of Environmental Research and Public Health, 2020, 17, 3718.	1.2	5
18	Virtual and digital outcrops in the petroleum industry: A systematic review. Earth-Science Reviews, 2020, 208, 103260.	4.0	41

#	ARTICLE	IF	CITATIONS
19	Printgrammetryâ€™3-D Model Acquisition Methodology From Google Earth Imagery Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2819-2830.	2.3	5
20	Improving Spatial Resolution of Multispectral Rock Outcrop Images Using RGB Data and Artificial Neural Networks. Sensors, 2020, 20, 3559.	2.1	3
21	Baptizo: A sensor fusion based model for tracking the identity of human poses. Information Fusion, 2020, 62, 1-13.	11.7	8
22	A Method for Chlorophyll-a and Suspended Solids Prediction through Remote Sensing and Machine Learning. Sensors, 2020, 20, 2125.	2.1	51
23	Geology 4.0: digital transformation applied at outcrop mapping activities. Technical Papers ... Rio Oil & Gas, 2020, 20, 462-463.	0.0	0
24	Proposal of a Method for Wildlife-Vehicle Collisions Risk Assessment Based on Geographic Information Systems and Deep Learning. , 2020, , .		0
25	A Survey of Sensors in Healthcare Workflow Monitoring. ACM Computing Surveys, 2019, 51, 1-37.	16.1	23
26	Inspector: Immersive System of Inspection of Bridges/Viaducts. , 2019, , .		1
27	New Method for Evaluating Surface Roughness Parameters Acquired by Laser Scanning. Scientific Reports, 2019, 9, 15038.	1.6	37
28	MOSIS: Immersive Virtual Field Environments for Earth Sciences. , 2019, , .		3
29	A Systematic Review of Clinical Outcomes on Patients Rehabilitated with Completeâ€™Arch Fixed Implantâ€™Supported Protheses According to the Time of Loading. Journal of Prosthodontics, 2019, 28, 958-968.	1.7	21
30	Evaluation of Regression Analysis and Neural Networks to Predict Total Suspended Solids in Water Bodies from Unmanned Aerial Vehicle Images. Sustainability, 2019, 11, 2580.	1.6	17
31	Skewness-Adjusted Robust Statistical Assessment on Googles Earth 3D Models: Rapplee Ridge. , 2019, , .		3
32	Printgrammetry: Google Earth Imagery Based 3D Model Generation for VR Applications. , 2019, , .		3
33	Robust Estimators in Geodetic Networks Based on a New Metaheuristic: Independent Vortices Search. Sensors, 2019, 19, 4535.	2.1	8
34	VROffice. , 2019, , .		2
35	Prediction of chlorophyll-a and suspended solids through remote sensing and artificial neural networks. , 2019, , .		2
36	RIDERS: Road Inspection & Driver Simulation. , 2018, , .		7

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37	Artificial neural network-based method to classify sedimentary rocks. , 2018, , .		0
38	Immersive Virtual Fieldwork: Advances for the Petroleum Industry. , 2018, , .		5
39	Spatial analyzes of HLA data in Rio Grande do Sul, south Brazil: genetic structure and possible correlation with autoimmune diseases. International Journal of Health Geographics, 2018, 17, 34.	1.2	7
40	High-resolution spectroscopy for detecting stratigraphic surfaces and stacking patterns in sedimentary basins. Journal of South American Earth Sciences, 2018, 88, 287-293.	0.6	2
41	A Multioutcrop Sharing and Interpretation System: Exploring 3-D Surface and Subsurface Data. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 8-16.	4.9	19
42	Proposal of a Method to Determine the Correlation between Total Suspended Solids and Dissolved Organic Matter in Water Bodies from Spectral Imaging and Artificial Neural Networks. Sensors, 2018, 18, 159.	2.1	13
43	Análise bibliográfica sobre as potencialidades da aquisição de imagens multi e hiperespectrais por VANTs no auxílio à inspeção de obras de arte especiais. Revista Brasileira De Geomática, 2018, 6, 44.	0.0	0
44	The costa of trichomonads: A complex macromolecular cytoskeleton structure made of uncommon proteins. Biology of the Cell, 2017, 109, 238-253.	0.7	7
45	Least trimmed squares estimator with redundancy constraint for outlier detection in GNSS networks. Expert Systems With Applications, 2017, 88, 230-237.	4.4	14
46	Laser scanner intensity calibration based on artificial neural networks. , 2017, , .		0
47	A new approach to minimize border effect for terrestrial laser scanning. , 2017, , .		0
48	An Alternative Method of Spatial Autocorrelation for Chlorophyll Detection in Water Bodies Using Remote Sensing. Sustainability, 2017, 9, 416.	1.6	25
49	Digital field book for geosciences. , 2017, , .		2
50	MOSIS – Multi-outcrop sharing & interpretation system. , 2017, , .		3
51	Identification and quantification of kaolinite in mixtures with goethite using short-wave infrared (SWIR) reflectance spectroscopy. , 2017, , .		0
52	An algorithm for automatic detection and orientation estimation of planar structures in LiDAR-scanned outcrops. Computers and Geosciences, 2016, 90, 170-178.	2.0	46
53	Spectral Pattern Classification in Lidar Data for Rock Identification in Outcrops. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	13
54	Faster seam carving with minimum energy windows. , 2014, , .		1

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55	Redesigning transaction load balancing on electronic funds transfer scenarios. , 2014, , .		0
56	Towards a quality model for model composition effort. , 2014, , .		2
57	Combining SRP-PHAT and two Kinects for 3D Sound Source Localization. Expert Systems With Applications, 2014, 41, 7106-7113.	4.4	11
58	New insights on the Golgi complex of Tritrichomonas foetus. Parasitology, 2014, 141, 241-253.	0.7	5
59	Closure of rRNA related gaps in the Chromobacterium violaceum genome with the PCR-assisted contig extension (PACE) protocol. Genetics and Molecular Research, 2004, 3, 53-63.	0.3	0
60	An artificial neural network-based critical values for multiple hypothesis testing: data-snooping case. Survey Review, 0, , 1-16.	0.7	1
61	AN AUTOMATIC ALGORITHM FOR MINIMIZING ANOMALIES AND DISCREPANCIES IN POINT CLOUDS ACQUIRED BY LASER SCANNING TECHNIQUE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B5, 779-783.	0.2	0
62	Hyperspectral data as a proxy for porosity estimation of carbonate rocks. Australian Journal of Earth Sciences, 0, , 1-15.	0.4	2