Mauricio Roberto Veronez

List of Publications by Year
in descending order

72 papers	947 citations	623574	501076
		14 h-index	28 g-index

| 77 all docs | 77 docs citations | 77 times ranked | 1756 citing authors |

#	Article	IF	Citations
1	Fire association with respiratory disease and COVID-19 complications in the State of ParÃ¡, 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	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
7	An invincible memory: what surname analysis tells us about history, health and population medical genetics in the Brazilian Northeast. Journal of Biosocial Science, 2021, 53, 183-198.	0.5	7
8	A Critical Analysis of Red Ceramic Blocks Roughness Estimation by 2D and 3D Methods. Remote Sensing, 2021, 13, 789.	1.8	3
9	O Efeito das CovariÃ¢ncias entre os Componentes de Linha Base sobre a Confiabilidade de Redes GNSS: Resultados para uma Rede com Alta RedundÃ¢ncia. Revista Brasileira De Cartografia, 2021, 73, 666-684.	0.1	2
10	Deep Learning Application for Fracture Segmentation Over Outcrop Images from UAV-Based Digital Photogrammetry. , 2021, , .		6
11	Mosis Lab Hyperspectral - Visualization and Correlation of Hyperspectral Data on Immersive Virtual Reality. , 2021, , .		2
12	Time Series Photogrammetric Processing Workflow for Wave-Washed Areas. , 2021, , .		0
13	A half-century of Baardaâ€™s concept of reliability: a review, new perspectives, and applications. Survey Review, 2020, 52, 261-277.	0.7	31
14	A Monte Carlo-Based Outlier Diagnosis Method for Sensitivity Analysis. Remote Sensing, 2020, 12, 860.	1.8	14
15	On the effects of hard and soft equality constraints in the iterative outlier elimination procedure. PLoS ONE, 2020, 15, e0238145.	1.1	2
16	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
17	Control Points Selection Based on Maximum External Reliability for Designing Geodetic Networks. Applied Sciences (Switzerland), 2020, 10, 687.	1.3	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	Printgrammetry—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	Statistical assessment of cartographic product from photogrammetry and fixed-wing UAV acquisition. European Journal of Remote Sensing, 2020, 53, 27-39.	1.7	2
22	A Method for Chlorophyll-a and Suspended Solids Prediction through Remote Sensing and Machine Learning. Sensors, 2020, 20, 2125.	2.1	51
23	A new relationship between the quality criteria for geodetic networks. Journal of Geodesy, 2019, 93, 529-544.	1.6	16
24	New Method for Evaluating Surface Roughness Parameters Acquired by Laser Scanning. Scientific Reports, 2019, 9, 15038.	1.6	37
25	MOSIS: Immersive Virtual Field Environments for Earth Sciences. , 2019, , .		3
26	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
27	Geometry accuracy of DSM in water body margin obtained from an RGB camera with NIR band and a multispectral sensor embedded in UAV. European Journal of Remote Sensing, 2019, 52, 160-173.	1.7	5
28	MOSIS V2: Immersive Virtual Outcrop Models. , 2019, , .		1
29	Printgrammetry: Google Earth Imagery Based 3D Model Generation for VR Applications. , 2019, , .		3
30	Robust Estimators in Geodetic Networks Based on a New Metaheuristic: Independent Vortices Search. Sensors, 2019, 19, 4535.	2.1	8
31	Monte-Carlo-based uncertainty propagation in the context of Gauss—Markov model: a case study in coordinate transformation. Scientia Plena, 2019, 15, .	0.1	2
32	Prediction of chlorophyll-a and suspended solids through remote sensing and artificial neural networks. , 2019, , .		2
33	Analysis of Positional and Geometric Accuracy of Objects in Survey with Unmanned Aerial Vehicle (UAV). , 2018, , .		3
34	3D Data Acquisition Using Stereo Camera. , 2018, , .		5
35	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
36	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

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37	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
38	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
39	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
40	Análise gráfica das variáveis do controle de qualidade de dados geodésicos por meio de testes estatísticos. Revista Brasileira De Geomática, 2018, 6, 194.	0.0	0
41	Least trimmed squares estimator with redundancy constraint for outlier detection in GNSS networks. Expert Systems With Applications, 2017, 88, 230-237.	4.4	14
42	Laser scanner intensity calibration based on artificial neural networks. , 2017, , .		0
43	A new approach to minimize border effect for terrestrial laser scanning. , 2017, , .		0
44	An Alternative Method of Spatial Autocorrelation for Chlorophyll Detection in Water Bodies Using Remote Sensing. Sustainability, 2017, 9, 416.	1.6	25
45	Digital field book for geosciences. , 2017, , .		2
46	Identification and quantification of kaolinite in mixtures with goethite using short-wave infrared (SWIR) reflectance spectroscopy. , 2017, , .		0
47	An intensity recovery algorithm (IRA) for minimizing the edge effect of LIDAR data. European Journal of Remote Sensing, 2016, 49, 301-315.	1.7	3
48	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
49	Comparison of Design Models: A Systematic Mapping Study. International Journal of Software Engineering and Knowledge Engineering, 2015, 25, 1765-1769.	0.6	9
50	Multi-Temporal Patterns of Urban Heat Island as Response to Economic Growth Management. Sustainability, 2015, 7, 3129-3145.	1.6	12
51	On evaluation of different methods for quality control of correlated observations. Survey Review, 2015, 47, 28-35.	0.7	14
52	Assessing the MODIS Crop Detection Algorithm for Soybean Crop Area Mapping and Expansion in the Mato Grosso State, Brazil. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	16
53	Spectral Pattern Classification in Lidar Data for Rock Identification in Outcrops. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	13
54	Admixture in Latin America: Geographic Structure, Phenotypic Diversity and Self-Perception of Ancestry Based on 7,342 Individuals. PLoS Genetics, 2014, 10, e1004572.	1.5	350

#	ARTICLE	IF	CITATIONS
55	Monitoring the vulnerability of soybean to heat waves and their impacts in Mato Grosso state, Brazil. , 2014, , .		1
56	Applications of surveying in land management. Earth Science Informatics, 2014, 7, 69-70.	1.6	1
57	Combining SRP-PHAT and two Kinects for 3D Sound Source Localization. Expert Systems With Applications, 2014, 41, 7106-7113.	4.4	11
58	Monitoring Heat Waves and Their Impacts on Summer Crop Development in Southern Brazil. Agricultural Sciences, 2014, 05, 353-364.	0.2	7
59	Methodology for Acquisition of Intensity Data in Forest Targets Using Terrestrial Laser Scanner. IERI Procedia, 2013, 5, 238-244.	0.3	2
60	So Close, So Far Away: Analysis of Surnames in a Town of Twins (Cândido Godói, Brazil). Annals of Human Genetics, 2013, 77, 125-136.	0.3	7
61	Spectral Model for Soybean Yield Estimate Using MODIS/EVI Data. International Journal of Geosciences, 2013, 04, 1233-1241.	0.2	15
62	Electrofacies Modelling and Lithological Classification of Coals and Mud-bearing Fine-grained Siliciclastic Rocks Based on Neural Networks. Earth Science Research, 2012, 2, .	0.3	7
63	Amazon Rainforest Deforestation Daily Detection Tool Using Artificial Neural Networks and Satellite Images. Sustainability, 2012, 4, 2566-2573.	1.6	11
64	Ajustamento de observações: uma interpretação geométrica para o método dos mínimos quadrados. Boletim De Ciencias Geodesicas, 2011, 17, 272-294.	0.2	0
65	Remaining phosphorus estimated by pedotransfer function. Revista Brasileira De Ciencia Do Solo, 2011, 35, 203-212.	0.5	10
66	Regional Mapping of the Geoid Using GNSS (GPS) Measurements and an Artificial Neural Network. Remote Sensing, 2011, 3, 668-683.	1.8	16
67	Estimativa de alturas geoidais para o estado de São Paulo baseada em redes neurais artificiais. Revista Brasileira De Geofisica, 2009, 27, 583-593.	0.2	1
68	Qualitative Environmental Analysis for Industrial Districts Implantation Using Geoprocessing Techniques. International Journal of Environmental Research and Public Health, 2008, 5, 457-463.	1.2	1
69	An artificial neural network-based critical values for multiple hypothesis testing: data-snooping case. Survey Review, 0, , 1-16.	0.7	1
70	ANALYSIS OF THE INFLUENCE OF DISTANCE ON DATA ACQUISITION INTENSITY FORESTRY TARGETS BY A LIDAR TECHNIQUE WITH TERRESTRIAL LASER SCANNER. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-2/W1, 99-103.	0.2	5
71	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
72	Hyperspectral data as a proxy for porosity estimation of carbonate rocks. Australian Journal of Earth Sciences, 0, , 1-15.	0.4	2