

Haroldo Fraga de Campos Velho

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

141
citations

1478505

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1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Evapotranspiration of the Brazilian Pampa Biome: Seasonality and Influential Factors. <i>Water</i> (Switzerland), 2018, 10, 1864.	2.7	38
2	Machine Learning for Climate Precipitation Prediction Modeling over South America. <i>Remote Sensing</i> , 2021, 13, 2468.	4.0	23
3	Helmholtz's Hodge decomposition and the analysis of 2D vector field ensembles. <i>Computers and Graphics</i> , 2016, 55, 80-96.	2.5	10
4	Ionosonde total electron content evaluation using International Global Navigation Satellite System Service data. <i>Annales Geophysicae</i> , 2020, 38, 347-357.	1.6	10
5	South America Seasonal Precipitation Prediction by Gradient-Boosting Machine-Learning Approach. <i>Atmosphere</i> , 2022, 13, 243.	2.3	9
6	First results of operational ionospheric dynamics prediction for the Brazilian Space Weather program. <i>Advances in Space Research</i> , 2014, 54, 22-36.	2.6	8
7	Evaluation of ionospheric models for Central and South Americas. <i>Advances in Space Research</i> , 2019, 64, 2125-2136.	2.6	7
8	Short-range forecasting system for meteorological convective events in Rio de Janeiro using remote sensing of atmospheric discharges. <i>International Journal of Remote Sensing</i> , 2020, 41, 4372-4388.	2.9	7
9	Two Geoscience Applications by Optimal Neural Network Architecture. <i>Pure and Applied Geophysics</i> , 2020, 177, 2663-2683.	1.9	6
10	Building the Next Generation of Climate Modelers: Scale-Aware Physics Parameterization and the "Grey Zone" Challenge. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, ES185-ES189.	3.3	5
11	A Damage Detection Method Using Neural Network Optimized by Multiple Particle Collision Algorithm. <i>Journal of Sensors</i> , 2021, 2021, 1-14.	1.1	4
12	Automatic Position Estimation Based on Lidar – Lidar Data for Autonomous Aerial Navigation in the Amazon Forest Region. <i>Remote Sensing</i> , 2022, 14, 361.	4.0	4
13	Multiple Particle Collision Algorithm Applied to Radiative Transference and Pollutant Localization Inverse Problems. , 2011, , .		3
14	Data assimilation for nowcasting in the terminal area of Rio de Janeiro. <i>Ciência E Natura</i> , 0, 42, e40.	0.0	3
15	Enhancement of the Multi-Particle Collision Algorithm by mechanisms derived from the Opposition-Based Optimization. <i>Selecciones Matemáticas</i> , 2019, 6, 156-177.	0.2	3
16	Neural network for seasonal climate precipitation prediction on the Brazil. <i>Ciência E Natura</i> , 0, 42, e15.	0.0	1
17	Climate Precipitation Prediction by Neural Network. <i>Journal of Mathematics and System Science</i> , 2015, 5, .	0.1	0
18	ACOPLAMENTO BRAMS-WW3 PARA PREVISÃO DE ONDAS OCEÂNICAS. <i>Ciência E Natura</i> , 0, 38, 401.	0.0	0

#	ARTICLE	IF	CITATIONS
19	PREVISÃO CLIMÁTICA DE PRECIPITAÇÃO PARA A REGIÃO SUL POR REDE NEURAL AUTOCONFIGURADA. Ciência E Natura, 0, 38, 98.	0.0	0
20	Odometria Visual para a Navegação Autônoma de VANT. Revista Cereus, 2019, 11, 184-194.	0.1	0
21	Monthly rainfall forecast study in southeastern Brazil using multi-layer perceptron (MLP) neural networks. Ciência E Natura, 0, 42, e4.	0.0	0
22	Wind farm: a new module for the BRAMS. Ciência E Natura, 0, 42, e37.	0.0	0