

Caroline Cazarin

List of Publications by Year in descending order

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26
papers

572
citations

759233

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all docs

26
docs citations

26
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypogenic origin, geologic controls and functional organization of a giant cave system in Precambrian carbonates, Brazil. <i>Geomorphology</i> , 2016, 253, 385-405.	2.6	68
2	Karst landforms revealed at various scales using LiDAR and UAV in semi-arid Brazil: Consideration on karstification processes and methodological constraints. <i>Geomorphology</i> , 2017, 295, 611-630.	2.6	55
3	The conduit-seal system of hypogene karst in Neoproterozoic carbonates in northeastern Brazil. <i>Marine and Petroleum Geology</i> , 2019, 101, 90-107.	3.3	48
4	GPR investigation of karst guided by comparison with outcrop and unmanned aerial vehicle imagery. <i>Journal of Applied Geophysics</i> , 2015, 112, 268-278.	2.1	47
5	Fracturing and fluid flow during post-rift subsidence in carbonates of the Janda-Ára Formation, Potiguar Basin, NE Brazil. <i>Basin Research</i> , 2017, 29, 836-853.	2.7	42
6	Superposed folding and associated fracturing influence hypogene karst development in Neoproterozoic carbonates, São Francisco Craton, Brazil. <i>Tectonophysics</i> , 2016, 666, 244-259.	2.2	41
7	Virtual and digital outcrops in the petroleum industry: A systematic review. <i>Earth-Science Reviews</i> , 2020, 208, 103260.	9.1	41
8	Fracturing and calcite cementation controlling fluid flow in the shallow-water carbonates of the Janda-Ára Formation, Brazil. <i>Marine and Petroleum Geology</i> , 2017, 80, 382-393.	3.3	39
9	High-permeability zones in folded and faulted silicified carbonate rocks – Implications for karstified carbonate reservoirs. <i>Marine and Petroleum Geology</i> , 2021, 128, 105046.	3.3	33
10	A Multioutcrop Sharing and Interpretation System: Exploring 3-D Surface and Subsurface Data. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2018, 6, 8-16.	9.6	19
11	Influence of fracture stratigraphy on hypogene cave development and fluid flow anisotropy in layered carbonates, NE Brazil. <i>Marine and Petroleum Geology</i> , 2020, 114, 104207.	3.3	19
12	Subsidence rings and fracture pattern around dolines in carbonate platforms – Implications for evolution and petrophysical properties of collapse structures. <i>Marine and Petroleum Geology</i> , 2020, 113, 104113.	3.3	18
13	A new computational model for flow in karst-carbonates containing solution-collapse breccias. <i>Computational Geosciences</i> , 2020, 24, 61-87.	2.4	12
14	Porosity Estimation and Geometric Characterization of Fractured and Karstified Carbonate Rocks Using GPR Data in the Salitre Formation, Brazil. <i>Pure and Applied Geophysics</i> , 2019, 176, 1673-1689.	1.9	11
15	Hydrothermal silicification confined to stratigraphic layers: Implications for carbonate reservoirs. <i>Marine and Petroleum Geology</i> , 2021, 124, 104818.	3.3	11
16	Mechanical behavior of carbonate reservoirs with single karst cavities. <i>Geomechanics for Energy and the Environment</i> , 2021, 25, 100209.	2.5	10
17	Analyse du contrôle de l'eau dans une mine souterraine sous forte influence d'un milieu karstique (mine de Vazante, Brásil). <i>Hydrogeology Journal</i> , 2018, 26, 2257-2282.	2.1	9
18	Adaptive Segmentation for Discontinuity Detection on Karstified Carbonate Outcrop Images From UAV-SfM Acquisition and Detection Bias Analysis. <i>IEEE Access</i> , 2022, 10, 20514-20526.	4.2	9

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19	Enhancing stratigraphic, structural and dissolution features in GPR images of carbonate karst through data processing. <i>Near Surface Geophysics</i> , 2020, 18, 135-148.	1.2	8
20	Mixed carbonate-siliciclastic sedimentation in a mesoproterozoic storm-dominated ramp: Depositional processes and stromatolite development. <i>Precambrian Research</i> , 2021, 361, 106240.	2.7	8
21	Hydrothermal activity along a strike-slip fault zone and host units in the São Francisco Craton, Brazil – Implications for fluid flow in sedimentary basins. <i>Precambrian Research</i> , 2021, 365, 106365.	2.7	7
22	Spherical K-Means and Elbow Method Optimizations With Fisher Statistics for 3D Stochastic DFN From Virtual Outcrop Models. <i>IEEE Access</i> , 2022, 10, 63723-63735.	4.2	7
23	Deep Learning Application for Fracture Segmentation Over Outcrop Images from UAV-Based Digital Photogrammetry. , 2021, , .		6
24	Hyperspectral data as a proxy for porosity estimation of carbonate rocks. <i>Australian Journal of Earth Sciences</i> , 0, , 1-15.	1.0	2
25	Upscaling digital outcrop models to infer well connectivity in carbonates with karstic features. <i>Journal of Petroleum Science and Engineering</i> , 2022, 215, 110606.	4.2	2
26	Stochastic modelling of karstic networks of Potiguar Basin, Brazil. <i>Advances in Water Resources</i> , 2021, 156, 104026.	3.8	0