

Caroline Cazarin

List of Publications by Year in descending order

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papers

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397
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Segmentation for Discontinuity Detection on Karstified Carbonate Outcrop Images From UAV-SfM Acquisition and Detection Bias Analysis. IEEE Access, 2022, 10, 20514-20526.	4.2	9
2	Upscaling digital outcrop models to infer well connectivity in carbonates with karstic features. Journal of Petroleum Science and Engineering, 2022, 215, 110606.	4.2	2
3	Spherical K-Means and Elbow Method Optimizations With Fisher Statistics for 3D Stochastic DFN From Virtual Outcrop Models. IEEE Access, 2022, 10, 63723-63735.	4.2	7
4	Mechanical behavior of carbonate reservoirs with single karst cavities. Geomechanics for Energy and the Environment, 2021, 25, 100209.	2.5	10
5	Hydrothermal silicification confined to stratigraphic layers: Implications for carbonate reservoirs. Marine and Petroleum Geology, 2021, 124, 104818.	3.3	11
6	High-permeability zones in folded and faulted silicified carbonate rocks – Implications for karstified carbonate reservoirs. Marine and Petroleum Geology, 2021, 128, 105046.	3.3	33
7	Mixed carbonate-siliciclastic sedimentation in a mesoproterozoic storm-dominated ramp: Depositional processes and stromatolite development. Precambrian Research, 2021, 361, 106240.	2.7	8
8	Hydrothermal activity along a strike-slip fault zone and host units in the São Francisco Craton, Brazil – Implications for fluid flow in sedimentary basins. Precambrian Research, 2021, 365, 106365.	2.7	7
9	Stochastic modelling of karstic networks of Potiguar Basin, Brazil. Advances in Water Resources, 2021, 156, 104026.	3.8	0
10	Deep Learning Application for Fracture Segmentation Over Outcrop Images from UAV-Based Digital Photogrammetry. , 2021, , .		6
11	Subsidence rings and fracture pattern around dolines in carbonate platforms – Implications for evolution and petrophysical properties of collapse structures. Marine and Petroleum Geology, 2020, 113, 104113.	3.3	18
12	Enhancing stratigraphic, structural and dissolution features in GPR images of carbonate karst through data processing. Near Surface Geophysics, 2020, 18, 135-148.	1.2	8
13	Influence of fracture stratigraphy on hypogene cave development and fluid flow anisotropy in layered carbonates, NE Brazil. Marine and Petroleum Geology, 2020, 114, 104207.	3.3	19
14	A new computational model for flow in karst-carbonates containing solution-collapse breccias. Computational Geosciences, 2020, 24, 61-87.	2.4	12
15	Virtual and digital outcrops in the petroleum industry: A systematic review. Earth-Science Reviews, 2020, 208, 103260.	9.1	41
16	Porosity Estimation and Geometric Characterization of Fractured and Karstified Carbonate Rocks Using GPR Data in the Salitre Formation, Brazil. Pure and Applied Geophysics, 2019, 176, 1673-1689.	1.9	11
17	The conduit-seal system of hypogene karst in Neoproterozoic carbonates in northeastern Brazil. Marine and Petroleum Geology, 2019, 101, 90-107.	3.3	48
18	Analyse du contraste de l'eau dans une mine souterraine sous forte influence d'un milieu karstique (mine de Vazante, Brésil). Hydrogeology Journal, 2018, 26, 2257-2282.	2.1	9

#	ARTICLE	IF	CITATIONS
19	A Multioutcrop Sharing and Interpretation System: Exploring 3-D Surface and Subsurface Data. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 8-16.	9.6	19
20	Fracturing and fluid flow during post-rift subsidence in carbonates of the Jandaãra Formation, Potiguar Basin, NE Brazil. Basin Research, 2017, 29, 836-853.	2.7	42
21	Fracturing and calcite cementation controlling fluid flow in the shallow-water carbonates of the Jandaãra Formation, Brazil. Marine and Petroleum Geology, 2017, 80, 382-393.	3.3	39
22	Karst landforms revealed at various scales using LiDAR and UAV in semi-arid Brazil: Consideration on karstification processes and methodological constraints. Geomorphology, 2017, 295, 611-630.	2.6	55
23	Hypogenic origin, geologic controls and functional organization of a giant cave system in Precambrian carbonates, Brazil. Geomorphology, 2016, 253, 385-405.	2.6	68
24	Superposed folding and associated fracturing influence hypogene karst development in Neoproterozoic carbonates, São Francisco Craton, Brazil. Tectonophysics, 2016, 666, 244-259.	2.2	41
25	GPR investigation of karst guided by comparison with outcrop and unmanned aerial vehicle imagery. Journal of Applied Geophysics, 2015, 112, 268-278.	2.1	47
26	Hyperspectral data as a proxy for porosity estimation of carbonate rocks. Australian Journal of Earth Sciences, 0, , 1-15.	1.0	2