

Ben J Callow

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

201
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the carbon sequestration potential of basalt using X-ray micro-CT and rock mechanics. International Journal of Greenhouse Gas Control, 2018, 70, 146-156.	4.6	60
2	Pockmarks in the Witch Ground Basin, Central North Sea. Geochemistry, Geophysics, Geosystems, 2019, 20, 1698-1719.	2.5	35
3	Optimal X-ray micro-CT image based methods for porosity and permeability quantification in heterogeneous sandstones. Geophysical Journal International, 2020, 223, 1210-1229.	2.4	21
4	Seismic chimney characterisation in the North Sea – Implications for pockmark formation and shallow gas migration. Marine and Petroleum Geology, 2021, 133, 105301.	3.3	17
5	Comparison of stress-dependent geophysical, hydraulic and mechanical properties of synthetic and natural sandstones for reservoir characterization and monitoring studies. Geophysical Prospecting, 2019, 67, 784-803.	1.9	16
6	Experimental assessment of the stress-sensitivity of combined elastic and electrical anisotropy in shallow reservoir sandstones. Geophysics, 2020, 85, MR271-MR283.	2.6	15
7	Multiscale characterisation of chimneys/pipes: Fluid escape structures within sedimentary basins. International Journal of Greenhouse Gas Control, 2021, 106, 103245.	4.6	13
8	Geophysical early warning of salt precipitation during geological carbon sequestration. Scientific Reports, 2020, 10, 16472.	3.3	12
9	Core-scale geophysical and hydromechanical analysis of seabed sediments affected by CO2 venting. International Journal of Greenhouse Gas Control, 2021, 108, 103332.	4.6	6
10	Focused methane migration formed pipe structures in permeable sandstones: Insights from uncrewed aerial vehicle-based digital outcrop analysis in Varna, Bulgaria. Sedimentology, 2021, 68, 2765-2782.	3.1	5
11	Permeability heterogeneity of sandstone intrusion fluid-escape systems, Panoche Hills, California: Implications for sedimentary basins globally. Sedimentology, 2022, 69, 2463-2485.	3.1	1