Ben J Callow

List of Publications by Year
in descending order

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	Permeability heterogeneity of sandstone intrusion fluidâ€escape systems, Panoche Hills, California: Implications for sedimentary basins globally. Sedimentology, 2022, 69, 2463-2485.	3.1	1
2	Multiscale characterisation of chimneys/pipes: Fluid escape structures within sedimentary basins. International Journal of Greenhouse Gas Control, 2021, 106, 103245.	4.6	13
3	Focused methane migration formed pipe structures in permeable sandstones: Insights from uncrewed aerial vehicleâ€based digital outcrop analysis in Varna, Bulgaria. Sedimentology, 2021, 68, 2765-2782.	3.1	5
4	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
5	Seismic chimney characterisation in the North Sea â€“ Implications for pockmark formation and shallow gas migration. Marine and Petroleum Geology, 2021, 133, 105301.	3.3	17
6	Geophysical early warning of salt precipitation during geological carbon sequestration. Scientific Reports, 2020, 10, 16472.	3.3	12
7	Experimental assessment of the stress-sensitivity of combined elastic and electrical anisotropy in shallow reservoir sandstones. Geophysics, 2020, 85, MR271-MR283.	2.6	15
8	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
9	Pockmarks in the Witch Ground Basin, Central North Sea. Geochemistry, Geophysics, Geosystems, 2019, 20, 1698-1719.	2.5	35
10	Comparison of stressâ€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
11	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