Kevin Bisdom

List of Publications by Year
in descending order

23	590	759233 12	996975 15
papers	citations	h-index	g-index

26	26	26	531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of different aperture distribution models and critical stress criteria on equivalent permeability in fractured rocks. Journal of Geophysical Research: Solid Earth, 2016, 121, 4045-4063.	3.4	83
2	An integrated workflow for stress and flow modelling using outcrop-derived discrete fracture networks. Computers and Geosciences, 2017, 103, 21-35.	4.2	82
3	Calibrating discrete fracture-network models with a carbonate three-dimensional outcrop fracture network: Implications for naturally fractured reservoir modeling. AAPG Bulletin, 2014, 98, 1351-1376.	1.5	59
4	The impact of in-situ stress and outcrop-based fracture geometry on hydraulic aperture and upscaled permeability in fractured reservoirs. Tectonophysics, 2016, 690, 63-75.	2.2	53
5	Fracturing and fluidâ€flow during postâ€rift subsidence in carbonates of the JandaÃra Formation, Potiguar Basin, <scp>NE</scp> Brazil. Basin Research, 2017, 29, 836-853.	2.7	42
6	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
7	Inter-well scale natural fracture geometry and permeability variations in low-deformation carbonate rocks. Journal of Structural Geology, 2017, 97, 23-36.	2.3	36
8	A geometrically based method for predicting stress-induced fracture aperture and flow in discrete fracture networks. AAPG Bulletin, 2016, 100, 1075-1097.	1.5	34
9	Injectivity and Gravity Segregation in WAG and SWAG Enhanced Oil Recovery. , 2009, , .		27
10	A new methodology to train fracture network simulation using multiple-point statistics. Solid Earth, 2019, 10, 537-559.	2.8	27
11	A Systematic Investigation Into the Control of Roughness on the Flow Properties of 3Dâ€Printed Fractures. Water Resources Research, 2021, 57, ewrcr.25233.	4.2	27
12	Analysing the limitations of the dual-porosity response during well tests in naturally fractured reservoirs. Petroleum Geoscience, 2019, 25, 30-49.	1.5	24
13	Controls on the intrinsic flow properties of mudrock fractures: A review of their importance in subsurface storage. Earth-Science Reviews, 2020, 211, 103390.	9.1	23
14	Using Outcrop Data for Geological Well Test Modelling in Fractured Reservoirs. , 2015, , .		6
15	Modelling of long-term along-fault flow of CO2 from a natural reservoir. International Journal of Greenhouse Gas Control, 2022, 118, 103666.	4.6	6
16	Digital Image-Based Stressâ€“Permeability Relationships of Rough Fractures Using Numerical Contact Mechanics and Stokes Equation. Transport in Porous Media, 2022, 141, 295-330.	2.6	5
17	Assessing the Validity and Limitations of Dual-porosity Models Using Geological Well Testing for Fractured Formations. , 2016, , .		4
18	Using machine learning for model benchmarking and forecasting of depletion-induced seismicity in the Groningen gas field. Computational Geosciences, 2021, 25, 529-551.	2.4	4

#	Article	IF	Citations
19	Predicting Multi-scale Deformation and Fluid Flow Patterns in Folds Using 3D Outcrop Models and Mechanical Modelling. , 2014, , .		3
20	Outcropping Analogs and Multiscale Fracture Patterns in the JandaÃra Formation. , 2013, , .		2
21	Coupled Stress-fluid Pressure Modelling of Stimulated Rock Volume in Shale - Impact of Natural Fractures and Beef. , 2016, , .		2
22	A Geologically Consistent Permeability Model of Fractured Folded Carbonate Reservoirs: Lessons from Outcropping Analogue. , 2013, , .		1
23	Predicting Multiscale Fracture Patterns in Buried Reservoirs: the Importance of Outcrop Data in a Coherent Workflow. , 2013, , .		0