

Kevin Bisdom

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

590
citations

759233

12
h-index

996975

15
g-index

26
all docs

26
docs citations

26
times ranked

531
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Digital Image-Based Stress-Permeability Relationships of Rough Fractures Using Numerical Contact Mechanics and Stokes Equation. <i>Transport in Porous Media</i> , 2022, 141, 295-330. | 2.6 | 5 |
| 2 | Modelling of long-term along-fault flow of CO ₂ from a natural reservoir. <i>International Journal of Greenhouse Gas Control</i> , 2022, 118, 103666. | 4.6 | 6 |
| 3 | Using machine learning for model benchmarking and forecasting of depletion-induced seismicity in the Groningen gas field. <i>Computational Geosciences</i> , 2021, 25, 529-551. | 2.4 | 4 |
| 4 | A Systematic Investigation Into the Control of Roughness on the Flow Properties of 3D-Printed Fractures. <i>Water Resources Research</i> , 2021, 57, ewrcr.25233. | 4.2 | 27 |
| 5 | Controls on the intrinsic flow properties of mudrock fractures: A review of their importance in subsurface storage. <i>Earth-Science Reviews</i> , 2020, 211, 103390. | 9.1 | 23 |
| 6 | A new methodology to train fracture network simulation using multiple-point statistics. <i>Solid Earth</i> , 2019, 10, 537-559. | 2.8 | 27 |
| 7 | Analysing the limitations of the dual-porosity response during well tests in naturally fractured reservoirs. <i>Petroleum Geoscience</i> , 2019, 25, 30-49. | 1.5 | 24 |
| 8 | Inter-well scale natural fracture geometry and permeability variations in low-deformation carbonate rocks. <i>Journal of Structural Geology</i> , 2017, 97, 23-36. | 2.3 | 36 |
| 9 | An integrated workflow for stress and flow modelling using outcrop-derived discrete fracture networks. <i>Computers and Geosciences</i> , 2017, 103, 21-35. | 4.2 | 82 |
| 10 | 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 |
| 11 | 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 |
| 12 | Assessing the Validity and Limitations of Dual-porosity Models Using Geological Well Testing for Fractured Formations. , 2016, , . | | 4 |
| 13 | The impact of in-situ stress and outcrop-based fracture geometry on hydraulic aperture and upscaled permeability in fractured reservoirs. <i>Tectonophysics</i> , 2016, 690, 63-75. | 2.2 | 53 |
| 14 | The impact of different aperture distribution models and critical stress criteria on equivalent permeability in fractured rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4045-4063. | 3.4 | 83 |
| 15 | A geometrically based method for predicting stress-induced fracture aperture and flow in discrete fracture networks. <i>AAPG Bulletin</i> , 2016, 100, 1075-1097. | 1.5 | 34 |
| 16 | Coupled Stress-fluid Pressure Modelling of Stimulated Rock Volume in Shale - Impact of Natural Fractures and Beef. , 2016, , . | | 2 |
| 17 | Using Outcrop Data for Geological Well Test Modelling in Fractured Reservoirs. , 2015, , . | | 6 |
| 18 | Predicting Multi-scale Deformation and Fluid Flow Patterns in Folds Using 3D Outcrop Models and Mechanical Modelling. , 2014, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Outcropping Analogs and Multiscale Fracture Patterns in the JandaĀra Formation. , 2013, , . | | 2 |
| 21 | A Geologically Consistent Permeability Model of Fractured Folded Carbonate Reservoirs: Lessons from Outcropping Analogue. , 2013, , . | | 1 |
| 22 | Predicting Multiscale Fracture Patterns in Buried Reservoirs: the Importance of Outcrop Data in a Coherent Workflow. , 2013, , . | | 0 |
| 23 | Injectivity and Gravity Segregation in WAG and SWAG Enhanced Oil Recovery. , 2009, , . | | 27 |