Nonuniversality of the Archie exponent due to multifra

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Citation Report

#	Article	IF	Citations
1	Application of critical path analysis for permeability prediction in natural porous media. Advances in Water Resources, 2016, 96, 43-54.	1.7	39
2	Permeability estimation based on thin-section image analysis and 2D flow modeling in grain-dominated carbonates. Marine and Petroleum Geology, 2016, 77, 763-775.	1.5	15
3	Modeling relative permeability of water in soil: Application of effectiveâ€medium approximation and percolation theory. Water Resources Research, 2016, 52, 5025-5040.	1.7	34
4	Acoustic wave propagation in heterogeneous two-dimensional fractured porous media. Physical Review E, 2016, 93, 063305.	0.8	14
5	Electrical Conductivity of Partially Saturated Packings of Particles. Transport in Porous Media, 2017, 118, 1-16.	1.2	27
6	Formation factor in Bentheimer and Fontainebleau sandstones: Theory compared with pore-scale numerical simulations. Advances in Water Resources, 2017, 107, 139-146.	1.7	11
7	An analysis for features of geospatially rescaled range analysis method and spatial scaling behavior. Nonlinear Dynamics, 2017, 89, 243-254.	2.7	2
8	Flow, Transport, and Reaction in Porous Media: Percolation Scaling, Criticalâ€Path Analysis, and Effective Medium Approximation. Reviews of Geophysics, 2017, 55, 993-1078.	9.0	130
9	Unified Model for Pseudononuniversal Behavior of the Electrical Conductivity in Percolation Systems. Physical Review Letters, 2017, 119, 080601.	2.9	13
10	Theoretical Insight Into the Empirical Tortuosityâ€Connectivity Factor in the Burdineâ€Brooksâ€Corey Water Relative Permeability Model. Water Resources Research, 2017, 53, 10395-10410.	1.7	20
11	Electrical conductivity models in saturated porous media: A review. Earth-Science Reviews, 2017, 171, 419-433.	4.0	219
12	Pore-network model of evaporation-induced salt precipitation in porous media: The effect of correlations and heterogeneity. Advances in Water Resources, 2018, 112, 59-71.	1.7	35
13	Cyclicity and Persistence of Earth's Evolution Over Time: Wavelet and Fractal Analysis. Geophysical Research Letters, 2018, 45, 8223-8230.	1.5	19
14	A laboratory-based approach to determine Archie's cementation factor for shale reservoirs. Journal of Petroleum Science and Engineering, 2019, 183, 106399.	2.1	11
15	Upscaling of Geological Models of Oil Reservoirs with Unstructured Grids Using Lifting-Based Graph Wavelet Transforms. Transport in Porous Media, 2019, 127, 661-684.	1.2	18
16	Theoretical power-law relationship between permeability and formation factor. Journal of Petroleum Science and Engineering, 2021, 198, 108249.	2.1	9
17	Modelling flow and transport in variably saturated porous media: Applications from percolation theory and effective-medium approximation. , 2021, , 79-117.		0
18	Flow and Transport Properties of Deforming Porous Media. II. Electrical Conductivity. Transport in Porous Media, 2021, 138, 611-636.	1.2	3

#	Article	IF	Citations
19	Determination of Archie's cementation exponent for shale reservoirs; an experimental approach. Journal of Petroleum Science and Engineering, 2021, 201, 108527.	2.1	14
20	Simple holistic solution to Archie's-law puzzle in porous media. Physical Review E, 2021, 103, 063005.	0.8	1
21	A fractional differential scheme for the effective transport properties of multiscale reactive porous media: Applications to clayey geomaterials. International Journal for Numerical and Analytical Methods in Geomechanics, 2021, 45, 2130-2154.	1.7	1
22	Rock Typing Based on Wetting-Phase Relative Permeability Data and Critical Pore Sizes. SPE Journal, 2021, 26, 3893-3907.	1.7	8
23	Reconstruction, optimization, and design of heterogeneous materials and media: Basic principles, computational algorithms, and applications. Physics Reports, 2021, 939, 1-82.	10.3	39
24	A Laboratory Approach Considering Salinity to Investigate Archieâ€™s Parameters in Deep Shale: A Case Study in Longmaxi Formation, Southern Sichuan. Geofluids, 2022, 2022, 1-15.	0.3	1
25	Combining multi-source data to evaluate the leakage pollution and remediation effects of landfill. Journal of Hydrology, 2022, 610, 127889.	2.3	7