

Yulai Zhang

List of Publications by Year in descending order

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8
papers

238
citations

1684188

5
h-index

2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale characterization of shale diffusivity using time-lapsed X-ray computed tomography and pore-level simulations. Journal of Petroleum Science and Engineering, 2019, 182, 106271.	4.2	8
2	On the challenges of greyscale-based quantifications using X-ray computed microtomography. Journal of Microscopy, 2019, 275, 82-96.	1.8	15
3	Time-Lapsed Visualization and Characterization of Shale Diffusion Properties Using 4D X-ray Microcomputed Tomography. Energy & Fuels, 2018, 32, 2889-2900.	5.1	23
4	Analysis of Diffusion Coefficient and Fracture Aperture in Coal using Micro-Computed Tomography Imaging. , 2018, , .		0
5	Cleat-scale characterisation of coal: An overview. Journal of Natural Gas Science and Engineering, 2017, 39, 143-160.	4.4	131
6	Local diffusion coefficient measurements in shale using dynamic micro-computed tomography. Fuel, 2017, 207, 312-322.	6.4	35
7	Determination of Local Diffusion Coefficients and Their Directional Anisotropy in Shale, and Relations to Local Mineralogy and Organic Matter Content, From Dynamic Micro-CT Imaging and Microscopy. , 2017, , .		20
8	Pore Scale Characterisation of Coal: An Unconventional Challenge. , 2016, , .		6