

Maya Kobchenko

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

401
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	4D imaging of fracturing in organic-rich shales during heating. Journal of Geophysical Research, 2011, 116, .	3.3	87
2	Microscale characterization of rupture nucleation unravels precursors to faulting in rocks. Earth and Planetary Science Letters, 2017, 476, 69-78.	4.4	64
3	Dynamic In Situ Three-Dimensional Imaging and Digital Volume Correlation Analysis to Quantify Strain Localization and Fracture Coalescence in Sandstone. Pure and Applied Geophysics, 2019, 176, 1083-1115.	1.9	57
4	Investigating the Onset of Strain Localization Within Anisotropic Shale Using Digital Volume Correlation of Time-Resolved X-Ray Microtomography Images. Journal of Geophysical Research: Solid Earth, 2018, 123, 7509-7528.	3.4	42
5	Porosity evolution and crystallization-driven fragmentation during weathering of andesite. Journal of Geophysical Research, 2011, 116, .	3.3	41
6	Fluid expulsion and microfracturing during the pyrolysis of an organic rich shale. Fuel, 2019, 235, 1-16.	6.4	29
7	How microfracture roughness can be used to distinguish between exhumed cracks and in-situ flow paths in shales. Journal of Structural Geology, 2017, 94, 87-97.	2.3	20
8	Drainage fracture networks in elastic solids with internal fluid generation. Europhysics Letters, 2013, 102, 66002.	2.0	18
9	Evolution of a fracture network in an elastic medium with internal fluid generation and expulsion. Physical Review E, 2014, 90, 052801.	2.1	16
10	In-situ imaging of fracture development during maturation of an organic-rich shale: Effects of heating rate and confinement. Marine and Petroleum Geology, 2018, 95, 314-327.	3.3	12
11	Pore-space distribution and transport properties of an andesitic intrusion. Earth and Planetary Science Letters, 2014, 400, 123-129.	4.4	7
12	Classification of fracture patterns by heterogeneity and topology. Europhysics Letters, 2014, 105, 56004.	2.0	5
13	Multiscale synchrotron microtomography imaging of kerogen lenses in organic-rich shales from the Norwegian Continental Shelf. International Journal of Coal Geology, 2022, 253, 103954.	5.0	3