

# Maya Kobchenko

## List of Publications by Year in descending order

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