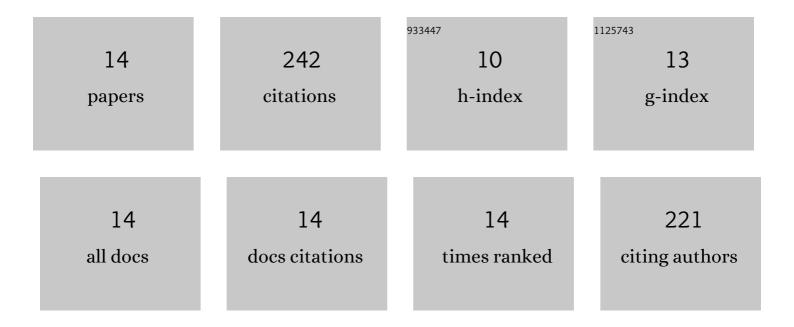
## **Zhaobin Zhang**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modeling study on supercritical CO2 fracturing applicability and capacity to stimulate reservoirs with different permeabilities. Journal of Petroleum Science and Engineering, 2022, 213, 110427.	4.2	3
2	Numerical modeling of complex hydraulic fracture networks based on the discontinuous deformation analysis (DDA) method. Energy Exploration and Exploitation, 2021, 39, 1640-1665.	2.3	1
3	Numerical Evaluation of Gas Hydrate Production Performance of the Depressurization and Backfilling with an In Situ Supplemental Heat Method. ACS Omega, 2021, 6, 12274-12286.	3.5	14
4	Numerical simulation of hydraulic fracturing process in a naturally fractured reservoir based on a discrete fracture network model. Journal of Structural Geology, 2021, 147, 104331.	2.3	16
5	Numerical investigation on the hydraulic stimulation of naturally fractured Longmaxi shale reservoirs using an extended discontinuous deformation analysis (DDA) method. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2020, 6, 1.	2.9	7
6	Pore network extraction from pore space images of various porous media systems. Water Resources Research, 2017, 53, 3424-3445.	4.2	59
7	Numerical study on the propagation of tensile and shear fracture network in naturally fractured shale reservoirs. Journal of Natural Gas Science and Engineering, 2017, 37, 1-14.	4.4	23
8	Numerical Analysis on the Formation of Fracture Network during the Hydraulic Fracturing of Shale with Pre-Existing Fractures. Energies, 2017, 10, 736.	3.1	17
9	The Shear Mechanisms of Natural Fractures during the Hydraulic Stimulation of Shale Gas Reservoirs. Materials, 2016, 9, 713.	2.9	15
10	Numerical Study on the Permeability of the Hydraulic-Stimulated Fracture Network in Naturally-Fractured Shale Gas Reservoirs. Water (Switzerland), 2016, 8, 393.	2.7	6
11	Numerical Investigation of Influence of In-Situ Stress Ratio, Injection Rate and Fluid Viscosity on Hydraulic Fracture Propagation Using a Distinct Element Approach. Energies, 2016, 9, 140.	3.1	14
12	Numerical Study on the Formation of Shear Fracture Network. Energies, 2016, 9, 299.	3.1	13
13	Numerical Analysis on the Optimization of Hydraulic Fracture Networks. Energies, 2015, 8, 12061-12079.	3.1	35
14	Numerical Analysis on the Stability of Hydraulic Fracture Propagation. Energies, 2015, 8, 9860-9877.	3.1	19