

# Majid Bizhani

## List of Publications by Year in descending order

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31  
papers

281  
citations

1163117

8  
h-index

940533

16  
g-index

32  
all docs

32  
docs citations

32  
times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing high fidelity digital rock images using deep convolutional neural networks. Scientific Reports, 2022, 12, 4264.	3.3	13
2	CO <sub>2</sub> -Enhanced Oil Recovery Mechanism in Canadian Bakken Shale. Minerals (Basel, Switzerland), 2022, 12, 779.	2.0	7
3	A Comparative Study of Laminar-Turbulent Displacement in an Eccentric Annulus under Imposed Flow Rate and Imposed Pressure Drop Conditions. Energies, 2021, 14, 1654.	3.1	5
4	Quantitative analysis of statistical properties of organic-rich mudstone using large field-of-view SEM images. Journal of Natural Gas Science and Engineering, 2021, 95, 104238.	4.4	2
5	Pore Characterization of Organic-Rich Shales through Application of Topological Data Analysis and Persistent Homology. Energy & Fuels, 2021, 35, 18563-18573.	5.1	1
6	Buoyancy effects on turbulent displacement of viscoplastic fluids from strongly eccentric horizontal annuli. Physics of Fluids, 2020, 32, .	4.0	8
7	Turbulent displacement flow of viscoplastic fluids in eccentric annulus: Experiments. Physics of Fluids, 2020, 32, .	4.0	15
8	Plug and abandonment practices and trends: A British Columbia perspective. Journal of Petroleum Science and Engineering, 2019, 183, 106417.	4.2	52
9	Turbulent Flow of Polymer Fluids Over the Sand Bed in Horizontal Concentric Annulus. Flow, Turbulence and Combustion, 2019, 102, 589-612.	2.6	2
10	Effect of Sand Bed Deposits on the Characteristics of Turbulent Flow of Water in Horizontal Annuli. Journal of Fluids Engineering, Transactions of the ASME, 2019, 141, .	1.5	4
11	Plug and Abandonment Environment in British Columbia. , 2019, , .		0
12	How Does a Stationary Sand Bed Affect the Flow Dynamics in an Eccentric Annulus?. , 2019, , .		0
13	Particle Removal From Sandbed Deposits in Horizontal Annuli Using Viscoelastic Fluids. SPE Journal, 2018, 23, 256-273.	3.1	17
14	Critical Review of Mechanistic and Empirical (Semimechanistic) Models for Particle Removal From Sandbed Deposits in Horizontal Annuli With Water. SPE Journal, 2018, 23, 237-255.	3.1	28
15	Experimental Investigation of Flow Field Past a Spherical Particle Settling in Viscoelastic Fluids Using Particle Image Velocimetry Technique. , 2018, , .		2
16	Assessment of the Equivalent Sandbed Roughness and the Interfacial Friction Factor in Hole Cleaning With Water in a Fully Eccentric Horizontal Annulus. SPE Journal, 2018, 23, 1748-1767.	3.1	5
17	Effect of Near Wall Turbulence on the Particle Removal From Bed Deposits in Horizontal Wells. , 2016, , .		3
18	Experimental investigation of cuttings bed erosion in horizontal wells using water and drag reducing fluids. Journal of Petroleum Science and Engineering, 2016, 147, 129-142.	4.2	31

#	ARTICLE	IF	CITATIONS
19	Quantitative Evaluation of Critical Conditions Required for Effective Hole Cleaning in Coiled-Tubing Drilling of Horizontal Wells. SPE Drilling and Completion, 2016, 31, 188-199.	1.6	35
20	Modeling Turbulent Flow of Non-Newtonian Fluids Using Generalized Newtonian Models. , 2015, , .		3
21	Turbulent structure at the midsection of an annular flow. Physics of Fluids, 2015, 27, 105102.	4.0	7
22	Experimental Investigation of Drag Reducing Fluid Flow in Annular Geometry Using Particle Image Velocimetry Technique. Journal of Fluids Engineering, Transactions of the ASME, 2015, 137, .	1.5	8
23	An Experimental Study of Turbulent Non-Newtonian Fluid Flow in Concentric Annuli using Particle Image Velocimetry Technique. Flow, Turbulence and Combustion, 2015, 94, 527-554.	2.6	9
24	A Comparative Study of Hole Cleaning Performance " Water Versus Drag Reducing Fluid. , 2014, , .		5
25	An Experimental Investigation of Turbulent Water Flow in Concentric Annulus Using Particle Image Velocimetry Technique. Journal of Fluids Engineering, Transactions of the ASME, 2014, 136, .	1.5	16
26	An Experimental Study of Turbulent Non-Newtonian Fluid Flow in Concentric Annuli Using Particle Image Velocimetry Technique. , 2013, , .		0
27	Near Wall Turbulence Characteristics of a Drag Reducing Polymer Fluid Flow in Concentric Annulus Using CFD. , 2013, , .		1
28	An Experimental Investigation of Turbulent Drag Reduction in Concentric Annulus Using Particle Image Velocimetry Technique. , 2013, , .		2
29	A CFD Simulation of Near Wall Turbulent Flow in Concentric Annulus. , 2013, , .		0
30	An Experimental Study of the Effect of Drag Reducing Additive on the Structure of Turbulence in Concentric Annular Pipe Flow Using Particle Image Velocimetry Technique. , 2013, , .		0
31	An Experimental Investigation of Turbulent Flow in Concentric Annulus Using Particle Image Velocimetry Technique. , 2012, , .		0