

David Schechter

List of Publications by Year in descending order

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19
papers

542
citations

1307594

7
h-index

1720034

7
g-index

19
all docs

19
docs citations

19
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the Stability of Foam by the Use of Nanoparticles. <i>Energy & Fuels</i> , 2017, 31, 10620-10627.	5.1	116
2	Numerical simulation of CO ₂ huff-n-puff in complex fracture networks of unconventional liquid reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 31, 481-492.	4.4	80
3	Optimization-Based Unstructured Meshing Algorithms for Simulation of Hydraulically and Naturally Fractured Reservoirs With Variable Distribution of Fracture Aperture, Spacing, Length, and Strike. <i>SPE Reservoir Evaluation and Engineering</i> , 2015, 18, 463-480.	1.8	78
4	Investigating the Effect of Improved Fracture Conductivity on Production Performance of Hydraulically Fractured Wells: Field-Case Studies and Numerical Simulations. <i>Journal of Canadian Petroleum Technology</i> , 2015, 54, 442-449.	2.3	68
5	An integrated workflow for characterization and simulation of complex fracture networks utilizing microseismic and horizontal core data. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 34, 1347-1360.	4.4	57
6	Sensitivity Analysis of Unstructured Meshing Parameters on Production Forecast of Hydraulically Fractured Horizontal Wells. , 2015, , .		27
7	Experimental and Numerical Studies of CO ₂ EOR in Unconventional Liquid Reservoirs with Complex Fracture Networks. , 2016, , .		27
8	Grid-Sensitivity Analysis and Comparison Between Unstructured Perpendicular Bisector and Structured Tartan/Local-Grid-Refinement Grids for Hydraulically Fractured Horizontal Wells in Eagle Ford Formation With Complicated Natural Fractures. <i>SPE Journal</i> , 2016, 21, 2260-2275.	3.1	26
9	Gas/water foams stabilized with a newly developed anionic surfactant for gas mobility control applications. <i>Petroleum Science</i> , 2020, 17, 1025-1036.	4.9	18
10	CO ₂ EOR Simulation in Unconventional Liquid Reservoirs: An Eagle Ford Case Study. , 2017, , .		11
11	Reducing Uncertainties of Fracture Characterization on Production Performance by Incorporating Microseismic and Core Analysis Data. , 2016, , .		8
12	Numerical Simulation of Stochastically-Generated Complex Fracture Networks by Utilizing Core and Microseismic Data for Hydraulically Fractured Horizontal Wells in Unconventional Reservoirsâ€”A Field Case Study. , 2016, , .		7
13	Enhancing the Foam Stability Using Surfactants Mixtures. , 2018, , .		7
14	The Synergy of Surfactant and Nanoparticles: Towards Enhancing Foam Stability. , 2019, , .		6
15	The Impact of CTâ€”Measured and Stressâ€”Dependent Nonuniform Fracture Apertures on Production Performance of Microseismicâ€”Constrained Complex Fracture Networks. , 2016, , .		2
16	Nanoparticles-Stabilized CO ₂ /Brine Emulsions at Reservoir Conditions: A New Way of Mitigating Gravity Override in CO ₂ Floods. , 2018, , .		2
17	Pressure-Transient Characteristics of Fractured Horizontal Wells in Unconventional Shale Reservoirs with Complex Fracture Networks. , 2016, , .		1
18	Insights into Field Application of EOR Techniques from Modeling of Tight Reservoirs with Complex High-Density Fracture Network. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Numerical Investigation of the Effect of Nonuniform Fracture Aperture of Eagle Ford Outcrop Maps on Production Performance. , 2016, , .		0