

# David Schechter

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Insights into Field Application of EOR Techniques from Modeling of Tight Reservoirs with Complex High-Density Fracture Network. , 2020, , .		1
2	Gas/water foams stabilized with a newly developed anionic surfactant for gas mobility control applications. Petroleum Science, 2020, 17, 1025-1036.	4.9	18
3	The Synergy of Surfactant and Nanoparticles: Towards Enhancing Foam Stability. , 2019, , .		6
4	Nanoparticles-Stabilized CO2/Brine Emulsions at Reservoir Conditions: A New Way of Mitigating Gravity Override in CO2 Floods. , 2018, , .		2
5	Enhancing the Foam Stability Using Surfactants Mixtures. , 2018, , .		7
6	CO2 EOR Simulation in Unconventional Liquid Reservoirs: An Eagle Ford Case Study. , 2017, , .		11
7	Enhancing the Stability of Foam by the Use of Nanoparticles. Energy & Fuels, 2017, 31, 10620-10627.	5.1	116
8	The Impact of CTâ€œMeasured and Stressâ€œDependent Nonuniform Fracture Apertures on Production Performance of Microseismicâ€œConstrained Complex Fracture Networks. , 2016, , .		2
9	Experimental and Numerical Studies of CO2 EOR in Unconventional Liquid Reservoirs with Complex Fracture Networks. , 2016, , .		27
10	Numerical Investigation of the Effect of Nonuniform Fracture Aperture of Eagle Ford Outcrop Maps on Production Performance. , 2016, , .		0
11	Numerical simulation of CO 2 huff-n-puff in complex fracture networks of unconventional liquid reservoirs. Journal of Natural Gas Science and Engineering, 2016, 31, 481-492.	4.4	80
12	Numerical Simulation of Stochastically-Generated Complex Fracture Networks by Utilizing Core and Microseismic Data for Hydraulically Fractured Horizontal Wells in Unconventional Reservoirsâ€œ A Field Case Study. , 2016, , .		7
13	An integrated workflow for characterization and simulation of complex fracture networks utilizing microseismic and horizontal core data. Journal of Natural Gas Science and Engineering, 2016, 34, 1347-1360.	4.4	57
14	Pressure-Transient Characteristics of Fractured Horizontal Wells in Unconventional Shale Reservoirs with Complex Fracture Networks. , 2016, , .		1
15	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. SPE Journal, 2016, 21, 2260-2275.	3.1	26
16	Reducing Uncertainties of Fracture Characterization on Production Performance by Incorporating Microseismic and Core Analysis Data. , 2016, , .		8
17	Investigating the Effect of Improved Fracture Conductivity on Production Performance of Hydraulically Fractured Wells: Field-Case Studies and Numerical Simulations. Journal of Canadian Petroleum Technology, 2015, 54, 442-449.	2.3	68
18	Optimization-Based Unstructured Meshing Algorithms for Simulation of Hydraulically and Naturally Fractured Reservoirs With Variable Distribution of Fracture Aperture, Spacing, Length, and Strike. SPE Reservoir Evaluation and Engineering, 2015, 18, 463-480.	1.8	78

#	ARTICLE	IF	CITATIONS
19	Sensitivity Analysis of Unstructured Meshing Parameters on Production Forecast of Hydraulically Fractured Horizontal Wells. , 2015, , .		27