

Xiaodong Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Productivity Analysis of Volume Fractured Wells under Different Working Systems. <i>Geofluids</i> , 2021, 2021, 1-21.	0.7	0
2	A New Approach for Determining the Control Volumes of Production Wells considering Irregular Well Distribution and Heterogeneous Reservoir Properties. <i>Geofluids</i> , 2021, 2021, 1-13.	0.7	0
3	A mathematical model and semi-analytical solution for transient pressure of vertical fracture with varying conductivity in three crossflow rectangular layers. <i>Energy Exploration and Exploitation</i> , 2019, 37, 230-250.	2.3	4
4	Analytical Solutions for Non-Darcy Transient Flow with the Threshold Pressure Gradient in Multiple-Porosity Media. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-13.	1.1	6
5	Rate Decline Analysis for Limited-Entry Well in Abnormally High-Pressured Composite Naturally Fractured Gas Reservoirs. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1821.	2.5	1
6	Rate decline analysis for finite conductivity vertical fractured gas wells produced under a variable inner boundary condition. <i>Journal of Petroleum Science and Engineering</i> , 2018, 171, 1249-1259.	4.2	9
7	Pressure-transient analysis for a vertically fractured well at an arbitrary azimuth in a rectangular anisotropic reservoir. <i>Journal of Petroleum Science and Engineering</i> , 2017, 159, 279-294.	4.2	16
8	Productivity of multiple fractures in a closed rectangular reservoir. <i>Journal of Petroleum Science and Engineering</i> , 2017, 157, 232-247.	4.2	15
9	Transient pressure analysis of a volume fracturing well in fractured tight oil reservoirs. <i>Journal of Geophysics and Engineering</i> , 2017, 14, 1509-1520.	1.4	8
10	Rate Decline Analysis of Vertically Fractured Wells in Shale Gas Reservoirs. <i>Energies</i> , 2017, 10, 1602.	3.1	14
11	Phase behavior characteristics and water-flooding development technical policy of weakly volatile oil in carbonate reservoirs. <i>Petroleum Exploration and Development</i> , 2016, 43, 308-314.	7.0	9
12	Productivity analysis for a vertically fractured well under non-Darcy flow condition. <i>Journal of Petroleum Science and Engineering</i> , 2016, 146, 714-725.	4.2	8
13	Transient analysis for fractured gas wells by modified pseudo-functions in stress-sensitive reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 1129-1138.	4.4	9
14	Modelling of pressure transient behaviour for fractured gas wells under stress-sensitive and slippage effects. <i>International Journal of Oil, Gas and Coal Technology</i> , 2016, 11, 18.	0.2	7
15	An Analytical Solution of Partially Penetrating Hydraulic Fractures in a Box-Shaped Reservoir. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-11.	1.1	2
16	Type Curves Analysis for Asymmetrically Fractured Wells. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2014, 136, .	2.3	26
17	A Semianalytical Solution for Multifractured Horizontal Wells in Box-Shaped Reservoirs. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-12.	1.1	2
18	Analytical Modeling of Flow Behavior for Wormholes in Naturally Fractured "Vuggy Porous Media. <i>Transport in Porous Media</i> , 2014, 105, 539-558.	2.6	29

#	ARTICLE	IF	CITATIONS
19	Pressure transient analysis of a horizontal well intercepted by multiple non-planar vertical fractures. Journal of Petroleum Science and Engineering, 2014, 124, 232-242.	4.2	43
20	Analytical modeling of pressure transient behavior for coalbed methane transport in anisotropic media. Journal of Geophysics and Engineering, 2014, 11, 035002.	1.4	3
21	Simulation of Pressure Transient Behavior for Asymmetrically Finite-Conductivity Fractured Wells in Coal Reservoirs. Transport in Porous Media, 2013, 97, 353-372.	2.6	40
22	Productivity analysis of horizontal wells intercepted by multiple finite-conductivity fractures. Petroleum Science, 2010, 7, 367-371.	4.9	14
23	A new method for rapid productivity estimation of 5-spot well pattern. Petroleum Exploration and Development, 2010, 37, 726-731.	7.0	9
24	A new simulation framework for predicting the onset and effects of fines mobilization. Transport in Porous Media, 2007, 68, 265-283.	2.6	29