

Keliu Wu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2404759/keliu-wu-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143
papers

3,893
citations

30
h-index

59
g-index

152
ext. papers

4,946
ext. citations

5.1
avg, IF

5.97
L-index

#	Paper	IF	Citations
143	Wettability effect on nanoconfined water flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3358-3363	11.5	289
142	Model for Surface Diffusion of Adsorbed Gas in Nanopores of Shale Gas Reservoirs. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 3225-3236	3.9	233
141	A model for multiple transport mechanisms through nanopores of shale gas reservoirs with real gas effect—adsorption-mechanic coupling. <i>International Journal of Heat and Mass Transfer</i> , 2016 , 93, 408-426	4.9	229
140	Water distribution characteristic and effect on methane adsorption capacity in shale clay. <i>International Journal of Coal Geology</i> , 2016 , 159, 135-154	5.5	203
139	Real gas transport through nanopores of varying cross-section type and shape in shale gas reservoirs. <i>Chemical Engineering Journal</i> , 2015 , 281, 813-825	14.7	190
138	Enhanced oil recovery techniques for heavy oil and oilsands reservoirs after steam injection. <i>Applied Energy</i> , 2019 , 239, 1190-1211	10.7	166
137	A Unified Model for Gas Transfer in Nanopores of Shale-Gas Reservoirs: Coupling Pore Diffusion and Surface Diffusion. <i>SPE Journal</i> , 2016 , 21, 1583-1611	3.1	159
136	Phase Equilibria of Confined Fluids in Nanopores of Tight and Shale Rocks Considering the Effect of Capillary Pressure and Adsorption Film. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 798-819	3.9	124
135	Study on gas flow through nano pores of shale gas reservoirs. <i>Fuel</i> , 2015 , 143, 107-117	7.1	121
134	Thickness and stability of water film confined inside nanoslits and nanocapillaries of shale and clay. <i>International Journal of Coal Geology</i> , 2017 , 179, 253-268	5.5	116
133	A model for gas transport in microfractures of shale and tight gas reservoirs. <i>AICHE Journal</i> , 2015 , 61, 2079-2088	3.6	116
132	Flow behavior of gas confined in nanoporous shale at high pressure: Real gas effect. <i>Fuel</i> , 2017 , 205, 173-183	7.1	112
131	Competitive adsorption of methane and ethane in montmorillonite nanopores of shale at supercritical conditions: A grand canonical Monte Carlo simulation study. <i>Chemical Engineering Journal</i> , 2019 , 355, 76-90	14.7	102
130	Water Sorption and Distribution Characteristics in Clay and Shale: Effect of Surface Force. <i>Energy & Fuels</i> , 2016 , 30, 8863-8874	4.1	99
129	Methane diffusion in shales with multiple pore sizes at supercritical conditions. <i>Chemical Engineering Journal</i> , 2018 , 334, 1455-1465	14.7	63
128	Methane storage in nanoporous material at supercritical temperature over a wide range of pressures. <i>Scientific Reports</i> , 2016 , 6, 33461	4.9	59
127	Gas Flow Behavior through Inorganic Nanopores in Shale Considering Confinement Effect and Moisture Content. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 3430-3440	3.9	50

126	A multi-site model to determine supercritical methane adsorption in energetically heterogeneous shales. <i>Chemical Engineering Journal</i> , 2018 , 349, 438-455	14.7	49
125	Transport capacity of gas confined in nanoporous ultra-tight gas reservoirs with real gas effect and water storage mechanisms coupling. <i>International Journal of Heat and Mass Transfer</i> , 2018 , 126, 1007-1018	4.9	47
124	An apparent liquid permeability model of dual-wettability nanoporous media: A case study of shale. <i>Chemical Engineering Science</i> , 2018 , 187, 280-291	4.4	44
123	Effect of water saturation on gas slippage in tight rocks. <i>Fuel</i> , 2018 , 225, 519-532	7.1	42
122	Methane adsorption behavior on shale matrix at in-situ pressure and temperature conditions: Measurement and modeling. <i>Fuel</i> , 2018 , 228, 39-49	7.1	41
121	A Comprehensive Model Coupling Embedded Discrete Fractures, Multiple Interacting Continua, and Geomechanics in Shale Gas Reservoirs with Multiscale Fractures. <i>Energy & Fuels</i> , 2017 , 31, 7758-7776	4.1	39
120	Apparent Permeability for Gas Flow in Shale Reservoirs Coupling Effects of Gas Diffusion and Desorption 2014 ,		37
119	A fully-coupled semi-analytical model for effective gas/water phase permeability during coal-bed methane production. <i>Fuel</i> , 2018 , 223, 44-52	7.1	36
118	Effect of Pressure-Propagation Behavior on Production Performance: Implication for Advancing Low-Permeability Coalbed-Methane Recovery. <i>SPE Journal</i> , 2019 , 24, 681-697	3.1	36
117	Effects of energetic heterogeneity on gas adsorption and gas storage in geologic shale systems. <i>Applied Energy</i> , 2019 , 251, 113368	10.7	35
116	A Fractal Model for Gas/Water Relative Permeability in Inorganic Shale with Nanoscale Pores. <i>Transport in Porous Media</i> , 2018 , 122, 305-331	3.1	34
115	Manipulating the Flow of Nanoconfined Water by Temperature Stimulation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8432-8437	16.4	34
114	The second critical capillary number for chemical flooding in low permeability reservoirs: Experimental and numerical investigations. <i>Chemical Engineering Science</i> , 2019 , 196, 202-213	4.4	33
113	The modified gas-water two phase version flowing material balance equation for low permeability CBM reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 165, 726-735	4.4	30
112	A prediction model for desorption area propagation of coalbed methane wells with hydraulic fracturing. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 175, 286-293	4.4	29
111	Wettability effect on nanoconfined water flow: Insights and perspectives. <i>Nano Today</i> , 2017 , 16, 7-8	17.9	25
110	Nanoconfinement Effect on n-Alkane Flow. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 16456-16461	3.8	25
109	Effect of Polymer Degradation on Polymer Flooding in Heterogeneous Reservoirs. <i>Polymers</i> , 2018 , 10,	4.5	25

108	Effect of water saturation on gas slippage in circular and angular pores. <i>AICHE Journal</i> , 2018 , 64, 3529-3541	3.4	25
107	Real gas transport in tapered noncircular nanopores of shale rocks. <i>AICHE Journal</i> , 2017 , 63, 3224-3242	3.6	24
106	Real gas transport in shale matrix with fractal structures. <i>Fuel</i> , 2018 , 219, 353-363	7.1	23
105	An analytical model for gas transport through elliptical nanopores. <i>Chemical Engineering Science</i> , 2019 , 199, 199-209	4.4	22
104	Ultrahigh Water Flow Enhancement by Optimizing Nanopore Chemistry and Geometry. <i>Langmuir</i> , 2019 , 35, 8867-8873	4	20
103	Wettability effects on phase behavior and interfacial tension in shale nanopores. <i>Fuel</i> , 2021 , 290, 119983-119993	7.1	19
102	A new rate-decline analysis of shale gas reservoirs: Coupling the self-diffusion and surface diffusion characteristics. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 163, 166-176	4.4	18
101	Optimal nanocone geometry for water flow. <i>AICHE Journal</i> , 2022 , 68,	3.6	18
100	Modeling tracer flowback in tight oil reservoirs with complex fracture networks. <i>Journal of Petroleum Science and Engineering</i> , 2017 , 157, 1007-1020	4.4	17
99	Effect of pore geometry on nanoconfined water transport behavior. <i>AICHE Journal</i> , 2019 , 65, e16613	3.6	16
98	A fractal model for gas-water relative permeability curve in shale rocks. <i>Journal of Natural Gas Science and Engineering</i> , 2020 , 81, 103417	4.6	16
97	Non-Newtonian Flow Characteristics of Heavy Oil in the Bohai Bay Oilfield: Experimental and Simulation Studies. <i>Energies</i> , 2017 , 10, 1698	3.1	16
96	A dynamic predictive permeability model in coal reservoirs: Effects of shrinkage behavior caused by water desorption. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 168, 533-541	4.4	16
95	An analytical model for transport capacity of water confined in nanopores. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 138, 620-630	4.9	15
94	The effect of completion strategy on fracture propagation from multiple cluster perforations in fossil hydrogen energy development. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 7168-7180	6.7	15
93	Modeling the confined fluid flow in micro-nanoporous media under geological temperature and pressure. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 145, 118758	4.9	14
92	Artificial neural network assisted two-phase flash calculations in isothermal and thermal compositional simulations. <i>Fluid Phase Equilibria</i> , 2019 , 486, 59-79	2.5	14
91	Environmental and economic benefits of Solvent-Assisted Steam-Gravity Drainage for bitumen through horizontal well: A comprehensive modeling analysis. <i>Energy</i> , 2018 , 164, 418-431	7.9	14

90	A Model for Real Gas Transfer in Nanopores of Shale Gas Reservoirs 2015 ,		13
89	Molecular dynamics computations of brine-CO ₂ /CH ₄ -shale contact angles: Implications for CO ₂ sequestration and enhanced gas recovery. <i>Fuel</i> , 2020 , 280, 118590	7.1	13
88	Study of the confined behavior of hydrocarbons in organic nanopores by the potential theory. <i>Fluid Phase Equilibria</i> , 2016 , 429, 214-226	2.5	13
87	A unified model for the formation and distribution of both conventional and unconventional hydrocarbon reservoirs. <i>Geoscience Frontiers</i> , 2021 , 12, 695-711	6	13
86	Research on flow assurance of deepwater submarine natural gas pipelines: Hydrate prediction and prevention. <i>Journal of Loss Prevention in the Process Industries</i> , 2019 , 61, 130-146	3.5	12
85	Improved methods for determining effective sandstone reservoirs and evaluating hydrocarbon enrichment in petroliferous basins. <i>Applied Energy</i> , 2020 , 261, 114457	10.7	12
84	A fully-coupled gas-water two phase productivity equations for low-permeability CBM wells. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 166, 611-620	4.4	12
83	A Critical Review of Enhanced Oil Recovery by Imbibition: Theory and Practice. <i>Energy & Fuels</i> , 2021 , 35, 5643-5670	4.1	12
82	Practical application of machine learning on fast phase equilibrium calculations in compositional reservoir simulations. <i>Journal of Computational Physics</i> , 2020 , 401, 109013	4.1	12
81	Determination of CH ₄ , C ₂ H ₆ and CO ₂ adsorption in shale kerogens coupling sorption-induced swelling. <i>Chemical Engineering Journal</i> , 2021 , 410, 127690	14.7	12
80	Fractal Characteristics of Lacustrine Tight Carbonate Nanoscale Reservoirs. <i>Energy & Fuels</i> , 2018 , 32, 107-118	4.1	12
79	Roles of multicomponent adsorption and geomechanics in the development of an Eagle Ford shale condensate reservoir. <i>Fuel</i> , 2019 , 242, 710-718	7.1	11
78	Combined Steam/Air Flooding Studies: Experiments, Numerical Simulation, and Field Test in the Qi-40 Block. <i>Energy & Fuels</i> , 2016 , 30, 2060-2065	4.1	11
77	Effects of helium adsorption in carbon nanopores on apparent void volumes and excess methane adsorption isotherms. <i>Fuel</i> , 2020 , 270, 117499	7.1	10
76	Assessment of energy efficiency and solvent retention inside steam chamber of steam- and solvent-assisted gravity drainage process. <i>Applied Energy</i> , 2018 , 226, 287-299	10.7	10
75	A Model for Surface Diffusion of Adsorbed Gas in Nanopores of Shale Gas Reservoirs 2015 ,		10
74	Nanoconfined methane density over pressure and temperature: Wettability effect. <i>Journal of Natural Gas Science and Engineering</i> , 2022 , 99, 104426	4.6	10
73	Numerical simulation on natural gas migration and accumulation in sweet spots of tight reservoir. <i>Journal of Natural Gas Science and Engineering</i> , 2020 , 81, 103454	4.6	10

72	Comprehensive modeling of multiple transport mechanisms in shale gas reservoir production. <i>Fuel</i> , 2020 , 277, 118159	7.1	9
71	A Model for Gas Transport in Dual-Porosity Shale Rocks with Fractal Structures. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 6530-6537	3.9	9
70	Mechanism of Liquid-Phase Adsorption and Desorption in Coalbed Methane Systems: A New Insight Into an Old Problem. <i>SPE Reservoir Evaluation and Engineering</i> , 2017 , 20, 639-653	2.3	9
69	Analysis of production prediction in shale reservoirs: Influence of water film in inorganic matter. <i>Journal of Natural Gas Science and Engineering</i> , 2019 , 63, 1-9	4.6	9
68	Effect of Non-Newtonian Flow on Polymer Flooding in Heavy Oil Reservoirs. <i>Polymers</i> , 2018 , 10,	4.5	9
67	Mesosopic method to study water flow in nanochannels with different wettability. <i>Physical Review E</i> , 2020 , 102, 013306	2.4	8
66	Performance of Solvent-Assisted Thermal Drainage process and its relationship to injection parameters: A comprehensive modeling. <i>Fuel</i> , 2018 , 225, 388-402	7.1	8
65	An analysis of stochastic discrete fracture networks on shale gas recovery. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 167, 78-87	4.4	8
64	Capillary dynamic under nanoconfinement: Coupling the energy dissipation of contact line and confined water. <i>International Journal of Heat and Mass Transfer</i> , 2018 , 127, 329-338	4.9	8
63	On the Negative Excess Isotherms for Methane Adsorption at High Pressure: Modeling and Experiment. <i>SPE Journal</i> , 2019 , 24, 2504-2525	3.1	8
62	Semianalytical Analysis of Chamber Growth and Energy Efficiency of Solvent-Assisted Steam-Gravity Drainage Considering the Effect of Reservoir Heterogeneity along the Horizontal Well. <i>Energy & Fuels</i> , 2020 , 34, 5777-5787	4.1	8
61	Pore network modeling of thin water film and its influence on relative permeability curves in tight formations. <i>Fuel</i> , 2021 , 289, 119828	7.1	8
60	Nanoscale Free Gas Transport in Shale Rocks: A Hard-Sphere Based Model 2017 ,		7
59	Effects of an adsorbent accessible volume on methane adsorption on shale. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020 , 370, 113222	5.7	7
58	Novel prediction methods for under-saturated coalbed methane wells: Effect of drainage schedules. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 181, 106215	4.4	7
57	Organic and Inorganic Pore Structure Analysis in Shale Matrix With Superposition Method 2014 ,		7
56	Accelerating Flash Calculation using Compositional Space for Compositional Simulation. <i>Journal of Petroleum Science and Engineering</i> , 2017 , 159, 1000-1008	4.4	6
55	Effects of Temperature and Pressure on Spontaneous Counter-Current Imbibition in Unsaturated Porous Media. <i>Energy & Fuels</i> , 2019 , 33, 8544-8556	4.1	6

54	Gas Transport in Shale Nanopores with Mobile High-Viscosity Water Film. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 11219-11228	3.9	6
53	Manipulating the Flow of Nanoconfined Water by Temperature Stimulation. <i>Angewandte Chemie</i> , 2018 , 130, 8568-8573	3.6	6
52	Numerical Simulation Study on Steam-Assisted Gravity Drainage Performance in a Heavy Oil Reservoir with a Bottom Water Zone. <i>Energies</i> , 2017 , 10, 1999	3.1	6
51	A Simulation Model for Accurate Prediction of Uneven Proppant Distribution in the Marcellus Shale Coupled with Reservoir Geomechanics 2015 ,		6
50	Fluid charging and hydrocarbon accumulation in the sweet spot, Ordos Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2021 , 200, 108391	4.4	6
49	An analysis of tracer flowback profiles to reduce uncertainty in fracture-network geometries. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 173, 246-257	4.4	6
48	Novel optimization method for production strategy of coal-bed methane well: Implication from gas-water two-phase version productivity equations. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 176, 632-639	4.4	5
47	Predicting the fracture initiation pressure for perforated water injection wells in fossil energy development. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 16257-16270	6.7	5
46	Effect of Pore Shape on Nanoconfined Gas Flow Behavior: Implication for Characterizing Permeability of Realistic Shale Matrix. <i>Industrial & Engineering Chemistry Research</i> , 2019 ,	3.9	5
45	Nanoconfinement Effect on Surface Tension: Perspectives from Molecular Potential Theory. <i>Langmuir</i> , 2020 , 36, 8764-8776	4	5
44	Equivalent permeability of shale rocks: Simple and accurate empirical coupling of organic and inorganic matter. <i>Chemical Engineering Science</i> , 2020 , 216, 115491	4.4	5
43	New Models of Brittleness Index for Shale Gas Reservoirs: Weights of Brittle Minerals and Rock Mechanics Parameters 2015 ,		5
42	The model for deliverability of gas well with complex shape sand bodies and small-scale reserve of Sulige Gas Field in China. <i>Journal of Petroleum Exploration and Production</i> , 2015 , 5, 277-284	2.2	4
41	Dynamic tracking model for the reservoir water flooding of a separated layer water injection based on a well temperature log. <i>Journal of Petroleum Exploration and Production</i> , 2015 , 5, 35-43	2.2	4
40	A quantitative model for evaluating the impact of volatile oil non-equilibrium phase transition on degassing. <i>Petroleum Exploration and Development</i> , 2012 , 39, 636-643	4.5	4
39	A new hydrate deposition prediction model considering hydrate shedding and decomposition in horizontal gas-dominated pipelines. <i>Petroleum Science and Technology</i> , 2019 , 37, 1370-1386	1.4	3
38	Shale gas transport in wedged nanopores with water films. <i>Journal of Natural Gas Science and Engineering</i> , 2019 , 66, 217-232	4.6	3
37	Dynamic wetting of solid-liquid-liquid system by molecular kinetic theory. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 470-478	9.3	3

36	Steam Conformance along Horizontal Well with Different Well Configurations of Single Tubing: An Experimental and Numerical Investigation. <i>SPE Production and Operations</i> , 2020 , 35, 549-563	0.6	3
35	Investigation of CO ₂ Enhanced Gas Recovery in Shale Plays 2016 ,		3
34	A Novel Model of Brittleness Index for Shale Gas Reservoirs: Confining Pressure Effect 2015 ,		3
33	Effect of Pore Structure on Slippage Effect in Unsaturated Tight Formation Using Pore Network Model. <i>Energy & Fuels</i> , 2021 , 35, 5789-5800	4.1	3
32	Effect of Dynamic Contact Angle on Spontaneous Capillary-Liquid-Liquid Imbibition by Molecular Kinetic Theory. <i>SPE Journal</i> , 2021 , 1-16	3.1	3
31	Effects of Nanoscale Pore Confinement on CO ₂ Displacement 2016 ,		3
30	Effect of Confinement on Gas and Oil Relative Permeability During CO ₂ Flooding in Tight Oil Reservoirs 2016 ,		3
29	Nanoconfined Methane Thermodynamic Behavior below Critical Temperature: Liquid-Vapor Coexistence Curve under Wettability Effect. <i>Industrial & Engineering Chemistry Research</i> ,	3.9	3
28	An improved analytical model for low-salinity waterflooding. <i>Journal of Geophysics and Engineering</i> , 2018 , 15, 1602-1609	1.3	2
27	On the flow regime model for fast estimation of tight sandstone gas apparent permeability in high-pressure reservoirs. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019 , 1-12	1.6	2
26	NANOSCALE PORE SIZE DISTRIBUTION EFFECTS ON GAS PRODUCTION FROM FRACTAL SHALE ROCKS. <i>Fractals</i> , 2019 , 27, 1950142	3.2	2
25	Water Distribution Characteristic and Effect on Methane Adsorption Capacity in Shale Clays 2015 ,		2
24	A Model for Gas Transport in Micro Fractures of Shale and Tight Gas Reservoirs 2015 ,		2
23	Numerical Simulation of Gas Mobility Control by Chemical Additives Injection and Foam Generation during Steam Assisted Gravity Drainage (SAGD). <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-15	1.6	2
22	Molecular-scale friction at a water-graphene interface and its relationship with slip behavior. <i>Physics of Fluids</i> , 2020 , 32, 092001	4.4	2
21	Effect of Wetting Hysteresis on Fluid Flow in Shale Oil Reservoirs. <i>Energy & Fuels</i> , 2021 , 35, 12075-12082	4.0	2
20	The increased viscosity effect for fracturing fluid imbibition in shale. <i>Chemical Engineering Science</i> , 2021 , 232, 116352	4.4	2
19	Model for Interfacial Tension of Nanoconfined Lennard-Jones Fluid. <i>Energy & Fuels</i> , 2021 , 35, 4044-4052	4.0	2

18	Polymer Flooding in Heterogeneous Heavy Oil Reservoirs: Experimental and Simulation Studies. <i>Polymers</i> , 2021 , 13,	4.5	2
17	An analytical model for water-oil two-phase flow in inorganic nanopores in shale oil reservoirs. <i>Petroleum Science</i> , 2021 ,	4.4	2
16	Prediction of Hydrate Formation Risk Based on Temperature-Pressure Field Coupling in the Deepwater Gas Well Cleanup Process. <i>Energy & Fuels</i> , 2021 , 35, 2024-2032	4.1	2
15	Reconsideration of the Adsorption/Desorption Characteristics with the Influences of Water in Unconventional Gas Systems. <i>Geofluids</i> , 2020 , 2020, 1-8	1.5	1
14	Modelling the Apparent Viscosity of Water Confined in Nanoporous Shale: Effect of the Fluid/Pore-Wall Interaction 2020 ,		1
13	Quasi-Continuum Water Flow under Nanoconfined Conditions: Coupling the Effective Viscosity and the Slip Length. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 20504-20514	3.9	1
12	Methane Transport through Nanoporous Shale with Sub-Irreducible Water Saturation 2017 ,		1
11	Gas Slippage in Tight Rocks With Sub-irreducible Water Saturation 2017 ,		1
10	The Model for Predicting Stream Breakthrough Timing during Steam Drive Development of Heavy Oil Reservoirs 2011 ,		1
9	Vapor-Liquid Equilibria and Diffusion of CO ₂ /n-Decane Mixture in the Nanopores of Shale Reservoirs 2020 ,		1
8	Effect of Surface Force on Nanoconfined Shale-Gas Flow in Slit Channels. <i>SPE Journal</i> , 2021 , 26, 448-460	3.1	1
7	Investment Strategy of CO ₂ -EOR in China: Analysis Based on Real Option Approach 2021 ,		1
6	Effect of water behaviour on the oil transport in illite nanopores: Insights from a molecular dynamics study. <i>Journal of Molecular Liquids</i> , 2022 , 354, 118854	6	1
5	Comprehensive Model for Oil Transport Behavior in Nanopores: Interactions between Oil and Pore Surface. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 20527-20538	3.9	0
4	Gas storage and transport in porous media: From shale gas to helium-3. <i>Planetary and Space Science</i> , 2021 , 204, 105283	2	0
3	Mathematical model of dynamic imbibition in nanoporous reservoirs. <i>Petroleum Exploration and Development</i> , 2022 , 49, 170-178	4.5	0
2	Effect of Polymer Degradation on Polymer Flooding in Homogeneous Reservoirs. <i>MATEC Web of Conferences</i> , 2018 , 187, 01006	0.3	
1	A model of pressure distribution along the wellbore for the low water-producing gas well with multilayer commingled production. <i>Petroleum Science and Technology</i> , 1-20	1.4	

