

Keliu Wu

List of Publications by Year in Descending Order

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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	Nanoconfined methane density over pressure and temperature: Wettability effect. <i>Journal of Natural Gas Science and Engineering</i> , 2022 , 99, 104426	4.6	10
142	Optimal nanocone geometry for water flow. <i>AICHE Journal</i> , 2022 , 68,	3.6	18
141	Mathematical model of dynamic imbibition in nanoporous reservoirs. <i>Petroleum Exploration and Development</i> , 2022 , 49, 170-178	4.5	0
140	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
139	A Critical Review of Enhanced Oil Recovery by Imbibition: Theory and Practice. <i>Energy & Fuels</i> , 2021 , 35, 5643-5670	4.1	12
138	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
137	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
136	Wettability effects on phase behavior and interfacial tension in shale nanopores. <i>Fuel</i> , 2021 , 290, 119983	3.1	19
135	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
134	Effect of Wetting Hysteresis on Fluid Flow in Shale Oil Reservoirs. <i>Energy & Fuels</i> , 2021 , 35, 12075-12082	4.1	2
133	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
132	The increased viscosity effect for fracturing fluid imbibition in shale. <i>Chemical Engineering Science</i> , 2021 , 232, 116352	4.4	2
131	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
130	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
129	Effect of Surface Force on Nanoconfined Shale-Gas Flow in Slit Channels. <i>SPE Journal</i> , 2021 , 26, 448-460	3.1	1
128	Model for Interfacial Tension of Nanoconfined Lennard-Jones Fluid. <i>Energy & Fuels</i> , 2021 , 35, 4044-4052	4.1	2
127	Polymer Flooding in Heterogeneous Heavy Oil Reservoirs: Experimental and Simulation Studies. <i>Polymers</i> , 2021 , 13,	4.5	2

126	Investment Strategy of CO ₂ -EOR in China: Analysis Based on Real Option Approach 2021 ,		1
125	Gas storage and transport in porous media: From shale gas to helium-3. <i>Planetary and Space Science</i> , 2021 , 204, 105283	2	0
124	An analytical model for water-oil two-phase flow in inorganic nanopores in shale oil reservoirs. <i>Petroleum Science</i> , 2021 ,	4.4	2
123	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
122	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
121	Modelling the Apparent Viscosity of Water Confined in Nanoporous Shale: Effect of the Fluid/Pore-Wall Interaction 2020 ,		1
120	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
119	Comprehensive modeling of multiple transport mechanisms in shale gas reservoir production. <i>Fuel</i> , 2020 , 277, 118159	7.1	9
118	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
117	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
116	Nanoconfinement Effect on Surface Tension: Perspectives from Molecular Potential Theory. <i>Langmuir</i> , 2020 , 36, 8764-8776	4	5
115	Mesosopic method to study water flow in nanochannels with different wettability. <i>Physical Review E</i> , 2020 , 102, 013306	2.4	8
114	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
113	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
112	Improved methods for determining effective sandstone reservoirs and evaluating hydrocarbon enrichment in petroliferous basins. <i>Applied Energy</i> , 2020 , 261, 114457	10.7	12
111	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
110	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
109	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

108	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
107	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
106	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
105	Vapor-Liquid Equilibria and Diffusion of CO ₂ /n-Decane Mixture in the Nanopores of Shale Reservoirs 2020 ,		1
104	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
103	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
102	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
101	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
100	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
99	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
98	An analytical model for gas transport through elliptical nanopores. <i>Chemical Engineering Science</i> , 2019 , 199, 199-209	4.4	22
97	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
96	Effects of energetic heterogeneity on gas adsorption and gas storage in geologic shale systems. <i>Applied Energy</i> , 2019 , 251, 113368	10.7	35
95	Ultra-high Water Flow Enhancement by Optimizing Nanopore Chemistry and Geometry. <i>Langmuir</i> , 2019 , 35, 8867-8873	4	20
94	Nanoconfinement Effect on n-Alkane Flow. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 16456-16461	3.8	25
93	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
92	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
91	Effect of pore geometry on nanoconfined water transport behavior. <i>AIChE Journal</i> , 2019 , 65, e16613	3.6	16

90	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
89	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
88	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
87	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
86	Enhanced oil recovery techniques for heavy oil and oilsands reservoirs after steam injection. <i>Applied Energy</i> , 2019 , 239, 1190-1211	10.7	166
85	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
84	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
83	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
82	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
81	NANOSCALE PORE SIZE DISTRIBUTION EFFECTS ON GAS PRODUCTION FROM FRACTAL SHALE ROCKS. <i>Fractals</i> , 2019 , 27, 1950142	3.2	2
80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	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

72	An improved analytical model for low-salinity waterflooding. <i>Journal of Geophysics and Engineering</i> , 2018 , 15, 1602-1609	1.3	2
71	Effect of water saturation on gas slippage in tight rocks. <i>Fuel</i> , 2018 , 225, 519-532	7.1	42
70	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
69	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
68	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
67	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
66	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
65	Manipulating the Flow of Nanoconfined Water by Temperature Stimulation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8432-8437	16.4	34
64	Real gas transport in shale matrix with fractal structures. <i>Fuel</i> , 2018 , 219, 353-363	7.1	23
63	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
62	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
61	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
60	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
59	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
58	Gas Transport in Shale Nanopores with Mobile High-Viscosity Water Film. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 11219-11228	3.9	6
57	Manipulating the Flow of Nanoconfined Water by Temperature Stimulation. <i>Angewandte Chemie</i> , 2018 , 130, 8568-8573	3.6	6
56	Effect of Polymer Degradation on Polymer Flooding in Homogeneous Reservoirs. <i>MATEC Web of Conferences</i> , 2018 , 187, 01006	0.3	
55	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

54	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
53	Fractal Characteristics of Lacustrine Tight Carbonate Nanoscale Reservoirs. <i>Energy & Fuels</i> , 2018 , 32, 107-118	4.1	12
52	Methane diffusion in shales with multiple pore sizes at supercritical conditions. <i>Chemical Engineering Journal</i> , 2018 , 334, 1455-1465	14.7	63
51	Effect of Non-Newtonian Flow on Polymer Flooding in Heavy Oil Reservoirs. <i>Polymers</i> , 2018 , 10,	4.5	9
50	Effect of Polymer Degradation on Polymer Flooding in Heterogeneous Reservoirs. <i>Polymers</i> , 2018 , 10,	4.5	25
49	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
48	Effect of water saturation on gas slippage in circular and angular pores. <i>AIChE Journal</i> , 2018 , 64, 3529-3541	3.4	25
47	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
46	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
45	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
44	Real gas transport in tapered noncircular nanopores of shale rocks. <i>AIChE Journal</i> , 2017 , 63, 3224-3242	3.6	24
43	Nanoscale Free Gas Transport in Shale Rocks: A Hard-Sphere Based Model 2017 ,		7
42	Wettability effect on nanoconfined water flow: Insights and perspectives. <i>Nano Today</i> , 2017 , 16, 7-8	17.9	25
41	Flow behavior of gas confined in nanoporous shale at high pressure: Real gas effect. <i>Fuel</i> , 2017 , 205, 173-183	7.1	112
40	Accelerating Flash Calculation using Compositional Space for Compositional Simulation. <i>Journal of Petroleum Science and Engineering</i> , 2017 , 159, 1000-1008	4.4	6
39	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
38	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
37	Methane Transport through Nanoporous Shale with Sub-Irreducible Water Saturation 2017 ,		1

36	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
35	Gas Slippage in Tight Rocks With Sub-irreducible Water Saturation 2017 ,		1
34	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
33	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
32	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
31	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
30	Methane storage in nanoporous material at supercritical temperature over a wide range of pressures. <i>Scientific Reports</i> , 2016 , 6, 33461	4.9	59
29	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
28	Investigation of CO ₂ Enhanced Gas Recovery in Shale Plays 2016 ,		3
27	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, 798-811	3.9	124
26	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
25	Effects of Nanoscale Pore Confinement on CO ₂ Displacement 2016 ,		3
24	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
23	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
22	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
21	Effect of Confinement on Gas and Oil Relative Permeability During CO ₂ Flooding in Tight Oil Reservoirs 2016 ,		3
20	Water Sorption and Distribution Characteristics in Clay and Shale: Effect of Surface Force. <i>Energy & Fuels</i> , 2016 , 30, 8863-8874	4.1	99
19	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

18	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
17	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
16	Study on gas flow through nano pores of shale gas reservoirs. <i>Fuel</i> , 2015 , 143, 107-117	7.1	121
15	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
14	A Simulation Model for Accurate Prediction of Uneven Proppant Distribution in the Marcellus Shale Coupled with Reservoir Geomechanics 2015 ,		6
13	A Model for Surface Diffusion of Adsorbed Gas in Nanopores of Shale Gas Reservoirs 2015 ,		10
12	New Models of Brittleness Index for Shale Gas Reservoirs: Weights of Brittle Minerals and Rock Mechanics Parameters 2015 ,		5
11	Water Distribution Characteristic and Effect on Methane Adsorption Capacity in Shale Clays 2015 ,		2
10	A Model for Gas Transport in Micro Fractures of Shale and Tight Gas Reservoirs 2015 ,		2
9	A Novel Model of Brittleness Index for Shale Gas Reservoirs: Confining Pressure Effect 2015 ,		3
8	A model for gas transport in microfractures of shale and tight gas reservoirs. <i>AICHE Journal</i> , 2015 , 61, 2079-2088	3.6	116
7	A Model for Real Gas Transfer in Nanopores of Shale Gas Reservoirs 2015 ,		13
6	Apparent Permeability for Gas Flow in Shale Reservoirs Coupling Effects of Gas Diffusion and Desorption 2014 ,		37
5	Organic and Inorganic Pore Structure Analysis in Shale Matrix With Superposition Method 2014 ,		7
4	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
3	The Model for Predicting Stream Breakthrough Timing during Steam Drive Development of Heavy Oil Reservoirs 2011 ,		1
2	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	
1	Nanoconfined Methane Thermodynamic Behavior below Critical Temperature: Liquid-Vapor Coexistence Curve under Wettability Effect. <i>Industrial & Engineering Chemistry Research</i> ,	3.9	3

