

# Yongpeng Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

488  
citations

687363

13  
h-index

713466

21  
g-index

35  
all docs

35  
docs citations

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times ranked

489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfracture and Surfactant Impact on Linear Cocurrent Brine Imbibition in Gas-Saturated Shale. <i>Energy &amp; Fuels</i> , 2015, 29, 1438-1446.	5.1	58
2	Dispersed Particle Gel-Strengthened Polymer/Surfactant as a Novel Combination Flooding System for Enhanced Oil Recovery. <i>Energy &amp; Fuels</i> , 2018, 32, 11317-11327.	5.1	57
3	Real-time detection of intracellular reactive oxygen species and mitochondrial membrane potential in THP-1 macrophages during ultrasonic irradiation for optimal sonodynamic therapy. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 7-14.	8.2	41
4	The first study of surface modified silica nanoparticles in pressure-decreasing application. <i>RSC Advances</i> , 2015, 5, 61838-61845.	3.6	39
5	Enhanced Oil Recovery Study of a New Mobility Control System on the Dynamic Imbibition in a Tight Oil Fracture Network Model. <i>Energy &amp; Fuels</i> , 2018, 32, 2908-2915.	5.1	26
6	Wettability Alteration Study of Supercritical CO <sub>2</sub> Fracturing Fluid on Low Permeability Oil Reservoir. <i>Energy &amp; Fuels</i> , 2017, 31, 13364-13373.	5.1	23
7	Modelling vegetation effects in irregular meandering river. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2010, 48, 775-783.	1.7	22
8	Experimental evaluation of tight sandstones reservoir flow characteristics under CO <sub>2</sub> –Brine–Rock multiphase interactions: A case study in the Chang 6 layer, Ordos Basin, China. <i>Fuel</i> , 2022, 309, 122167.	6.4	21
9	Response of macrobenthic communities to heavy metal pollution in Laoshan Bay, China: A trait-based method. <i>Marine Pollution Bulletin</i> , 2021, 167, 112292.	5.0	20
10	A Study of the Stability Mechanism of the Dispersed Particle Gel Three-Phase Foam Using the Interfacial Dilational Rheology Method. <i>Materials</i> , 2018, 11, 699.	2.9	17
11	Investigation of cellulose nanofiber enhanced viscoelastic fracturing fluid system: Increasing viscoelasticity and reducing filtration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123938.	4.7	17
12	The carbonic acid-rock reaction in feldspar/dolomite-rich tightsand and its impact on CO <sub>2</sub> -water relative permeability during geological carbon storage. <i>Chemical Geology</i> , 2021, 584, 120527.	3.3	17
13	Rheological characterizations and molecular dynamics simulations of self-assembly in an anionic/cationic surfactant mixture. <i>Soft Matter</i> , 2016, 12, 6058-6066.	2.7	16
14	Dynamic imbibition with aid of surfactant in tight oil fracture network model. <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107393.	4.2	13
15	Experimental study of acrylamide monomer polymer gel for water plugging in low temperature and high salinity reservoir. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 2948-2959.	2.3	12
16	Thermal latent curing agent for epoxy resins from neutralization of 2-methylimidazole with a phosphazene-containing polyfunctional carboxylic acid. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1553-1561.	3.2	10
17	Performance evaluation of a novel CO <sub>2</sub> -induced clean fracturing fluid in low permeability formations. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109674.	4.2	10
18	Conformance control study by micrometer sized dispersed particle gel in three-dimensional tight oil fracture network. <i>Journal of Petroleum Science and Engineering</i> , 2021, 197, 108112.	4.2	9

#	ARTICLE	IF	CITATIONS
19	Extraction of neodymium from other fission products by co-reduction of Sn and Nd. Applied Organometallic Chemistry, 2019, 33, e4802.	3.5	8
20	Evidence for the existence of CD34 <sup>+</sup> angiogenic stem cells in human first-trimester decidua and their therapeutic for ischaemic heart disease. Journal of Cellular and Molecular Medicine, 2020, 24, 11837-11848.	3.6	8
21	Effects of Food Deprivation Duration on the Behavior and Metabolism of Black Rockfish (Sebastes Tj ETQq1 1 0.784314 rgBTg /Overlo	1.7	0
22	Mechanism of the Wettability Impact on Surfactant Imbibition in Dodecane-Saturated Tight Sandstone. Energy & Fuels, 2020, 34, 6862-6870.	5.1	6
23	Ionic liquid assisted synthesis of flowerlike Cu <sub>2</sub> O micro-nanocrystals. Science China Chemistry, 2012, 55, 1580-1586.	8.2	5
24	Investigation of Active-Inactive Material Interdigitated Aggregates Formed by Wormlike Micelles and Cellulose Nanofiber. Journal of Physical Chemistry B, 2018, 122, 10371-10376.	2.6	4
25	Synthesis of isocyanurate-based imidazole carboxylate as thermal latent curing accelerator for thermosetting epoxy resins. Journal of Applied Polymer Science, 2020, 137, 49221.	2.6	4
26	Soft Movable Polymer Gel for Controlling Water Coning of Horizontal Well in Offshore Heavy Oil Cold Production. Gels, 2022, 8, 352.	4.5	4
27	The linear relationship derived from the deposition potential of Pb-Ln alloy and atomic radius. New Journal of Chemistry, 2018, 42, 16533-16541.	2.8	3
28	Molecular identification of an androgen receptor and the influence of long-term aggressive interaction on hypothalamic genes expression in black rockfish (Sebastes schlegelii). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2021, 207, 401-413.	1.6	3
29	Formation and rheology of CO <sub>2</sub> -responsive anionic wormlike micelles based clear fracturing fluid system. Journal of Dispersion Science and Technology, 2023, 44, 736-749.	2.4	3
30	Novel investigation based on cationic modified starch with residual anionic polymer for enhanced oil recovery. Journal of Dispersion Science and Technology, 2017, 38, 199-205.	2.4	2
31	H <sup>∞</sup> control for discrete-time singular delay systems. , 2010, , .		1
32	Taxonomic and functional responses of macrofaunal assemblage provide insight into ecological impacts of bottom-based Manila clam aquaculture. Marine Pollution Bulletin, 2022, 174, 113270.	5.0	1
33	The equilibrium potentials of Ni-Ln alloys over the whole composition range in the phase diagram: experiment and prediction. New Journal of Chemistry, 2020, 44, 18686-18693.	2.8	0
34	Experimental Study on Oil Drop Discharge Behavior during Dynamic Imbibition in Tight Oil Sandstone with Aid of Surfactant. Energies, 2022, 15, 1533.	3.1	0