

Pawan Gupta

List of Publications by Year in descending order

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15
papers

385
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on natural gas ecosystem in India: Energy scenario, market, pricing assessment with the developed part of world and way forward. Journal of Natural Gas Science and Engineering, 2022, 99, 104459.	4.4	10
2	Interaction of lubricants on the rheological and filtration loss properties of water-based drilling fluids. Petroleum Science and Technology, 2021, 39, 235-248.	1.5	3
3	Polymer-Assisted Chemical Inhibitor Flooding: A Novel Approach for Energy Recovery from Hydrate-Bearing Sediments. Industrial & Engineering Chemistry Research, 2021, 60, 8043-8055.	3.7	12
4	Performance evaluation of esters and graphene nanoparticles as an additives on the rheological and lubrication properties of water-based drilling mud. Journal of Petroleum Science and Engineering, 2021, 204, 108680.	4.2	29
5	Investigations on the thermal and electrical conductivity of polyethylene glycol-based CuO and ZnO nanofluids. Indian Chemical Engineer, 2020, 62, 402-412.	1.5	6
6	Formation and Dissociation Kinetics of Methane Hydrate in Aqueous Oilfield Polymer Solutions (Polyacrylamide, Xanthan Gum, and Guar Gum) and Their Performance Evaluation as Low-Dosage Kinetic Hydrate Inhibitors (LDHI). Energy & Fuels, 2019, 33, 6335-6349.	5.1	35
7	Natural Gas Production from a Marine Clayey Hydrate Reservoir Formed in Seawater Using Depressurization at Constant Pressure, Depressurization by Constant Rate Gas Release, Thermal Stimulation, and Their Implications for Real Field Applications. Energy & Fuels, 2019, 33, 3108-3122.	5.1	30
8	Phase Equilibrium of Methane Hydrate in Aqueous Solutions of Polyacrylamide, Xanthan Gum, and Guar Gum. Journal of Chemical & Engineering Data, 2019, 64, 1650-1661.	1.9	26
9	Phase Equilibrium of Methane Hydrate in the Presence of Aqueous Solutions of Quaternary Ammonium Salts. Journal of Chemical & Engineering Data, 2018, 63, 2410-2419.	1.9	28
10	Gas Hydrates as a Potential Energy Resource for Energy Sustainability. Green Energy and Technology, 2018, , 265-287.	0.6	21
11	Semiclathrate Hydrate of Methane and Quaternary Ammonium Salts for Natural Gas Storage and Gas Separation. , 2018, , .		2
12	Effect of aromatic/aliphatic based ionic liquids on the phase behavior of methane hydrates: Experiments and modeling. Journal of Chemical Thermodynamics, 2018, 117, 9-20.	2.0	40
13	Polymer Flooding in Artificial Hydrate Bearing Sediments for Methane Gas Recovery. Energy & Fuels, 2018, 32, 6657-6668.	5.1	26
14	Thermodynamic modeling of phase equilibrium of carbon dioxide clathrate hydrate in aqueous solutions of promoters and inhibitors suitable for gas separation. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 709-722.	1.5	26
15	Kinetics of methane hydrate formation in an aqueous solution of thermodynamic promoters (THF and) Tj ETQq1 1 0.784314 rgBT /Overl 35, 1519-1534.	4.4	91