

Jun Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1711081/publications.pdf>

Version: 2024-02-01

17
papers

502
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-preservation effect exceeding 273.2K by introducing deuterium oxide to form methane hydrate. Chemical Engineering Journal, 2022, 433, 134591.	12.7	9
2	Comparing hydrate-based method with freezing/thawing method for chromium hydroxide sulfate removal close to the melting point of ice. Separation and Purification Technology, 2021, 266, 118523.	7.9	11
3	Hydrate-Based Method to Remove Cr(III) and Ni(II) in Chromium Hydroxide Sulfate and Nickel Sulfate Hexahydrate Solutions. Journal of Chemical & Engineering Data, 2021, 66, 4248-4253.	1.9	5
4	A covering liquid method to intensify self-preservation effect for safety of methane hydrate storage and transportation. Petroleum Science, 2021, , .	4.9	7
5	Experiments and insights of desalination by a freezing/thawing method at low subcooling. Chinese Journal of Chemical Engineering, 2020, 28, 3011-3017.	3.5	11
6	Suppression of methane hydrate dissociation from SDS-dry solution hydrate formation system by a covering liquid method. Fuel, 2020, 277, 118222.	6.4	12
7	Oleic acid potassium soap: A new potential kinetic promoter for methane hydrate formation. Chemical Engineering Journal, 2019, 363, 349-355.	12.7	34
8	Insights into induction time and agglomeration of methane hydrate formation in diesel oil dominated dispersed systems. Energy, 2019, 170, 604-610.	8.8	29
9	Treatment of high arsenic content lead copper matte by a pressure oxidative leaching combined with cyclone and vertical electro-deposition method. Separation and Purification Technology, 2018, 199, 282-288.	7.9	15
10	A multicolor phosphor of self- and Eu ³⁺ -activated La ₃ Ga ₄ TiO ₁₄ . Materials Letters, 2018, 222, 1-4.	2.6	7
11	Synthesis and optical properties of orange-red emitting Sm ³⁺ -activated Ca ₉ LiGd _{2/3} (PO ₄) ₇ phosphors. Journal of Materials Science: Materials in Electronics, 2018, 29, 13731-13736.	2.2	2
12	Binary shape-stabilized phase change materials based on poly(ethylene glycol)/polyurethane composite with dual-phase transition. Journal of Materials Science, 2018, 53, 16539-16556.	3.7	24
13	Pectin as an Extraordinary Natural Kinetic Hydrate Inhibitor. Scientific Reports, 2016, 6, 23220.	3.3	76
14	CO ₂ Capture from CH ₄ /CO ₂ Mixture Gas with Tetra-n-butylammonium Bromide Semi-clathrate Hydrate through a Pressure Recovery Method. Energy & Fuels, 2016, 30, 8529-8534.	5.1	35
15	Self-Preservation Effect for Hydrate Dissociation in Water + Diesel Oil Dispersion Systems. Energy & Fuels, 2015, 29, 5563-5572.	5.1	28
16	Insights into the formation mechanism of hydrate plugging in pipelines. Chemical Engineering Science, 2015, 122, 284-290.	3.8	81
17	Flow characteristics and rheological properties of natural gas hydrate slurry in the presence of anti-agglomerant in a flow loop apparatus. Chemical Engineering Science, 2014, 106, 99-108.	3.8	116