

# Jun Chen

## List of Publications by Year in descending order

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17  
papers

502  
citations

933447

10  
h-index

888059

17  
g-index

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docs citations

17  
times ranked

403  
citing authors

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