

# Duo Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12041359/publications.pdf>

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8  
papers

262  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Storage of CO <sub>2</sub> in a partially water saturated porous medium at gas hydrate formation conditions. International Journal of Greenhouse Gas Control, 2014, 25, 1-8.	4.6	73
2	Preservation of Carbon Dioxide Clathrate Hydrate at Temperatures below the Water Freezing Point under Atmospheric Pressure. Industrial & Engineering Chemistry Research, 2011, 50, 13854-13858.	3.7	36
3	Demonstration of gas-hydrate assisted carbon dioxide storage through horizontal injection in lab-scale reservoir. Journal of Chemical Thermodynamics, 2018, 117, 106-112.	2.0	31
4	Phase Equilibria for the CO <sub>2</sub> /CH <sub>4</sub> /N <sub>2</sub> /H <sub>2</sub> O System in the Hydrate Region under Conditions Relevant to Storage of CO <sub>2</sub> in Depleted Natural Gas Reservoirs. Journal of Chemical & Engineering Data, 2016, 61, 4061-4067.	1.9	28
5	CO <sub>2</sub> storage capacity in laboratory simulated depleted hydrocarbon reservoirs – Impact of salinity and additives. Journal of Natural Gas Science and Engineering, 2016, 35, 1416-1425.	4.4	26
6	Diffraction-enhanced X-ray imaging under low-temperature conditions: non-destructive observations of clathrate gas hydrates. Journal of Synchrotron Radiation, 2012, 19, 1038-1042.	2.4	25
7	Experimental Investigation on the Production Behaviors of Methane Hydrate in Sandy Sediments by Different Depressurization Strategies. Energy Technology, 2018, 6, 2501-2511.	3.8	22
8	Determination of CO <sub>2</sub> storage density in a partially water-saturated lab reservoir containing CH <sub>4</sub> from injection of captured flue gas by gas hydrate crystallization. Canadian Journal of Chemical Engineering, 2017, 95, 69-76.	1.7	21