

Noris Andre Gallandat

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

782
citations

1307594
7
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

1141
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric sensitivity in the Sabatier reaction over Ru/Al ₂ O ₃ – theoretical determination of the minimal requirements for reactor activation. Reaction Chemistry and Engineering, 2019, 4, 100-111.	3.7	25
2	Model based determination of the optimal reactor concept for Sabatier reaction in small-scale applications over Ru/Al ₂ O ₃ . Chemical Engineering Journal, 2019, 375, 121954.	12.7	31
3	Application of hydrides in hydrogen storage and compression: Achievements, outlook and perspectives. International Journal of Hydrogen Energy, 2019, 44, 7780-7808.	7.1	486
4	Experimental performance investigation of a 2 kW methanation reactor. Sustainable Energy and Fuels, 2018, 2, 1101-1110.	4.9	14
5	CO ₂ hydrogenation reaction over pristine Fe, Co, Ni, Cu and Al ₂ O ₃ supported Ru: Comparison and determination of the activation energies. Journal of Catalysis, 2018, 366, 139-149.	6.2	80
6	Small-scale demonstration of the conversion of renewable energy to synthetic hydrocarbons. Sustainable Energy and Fuels, 2017, 1, 1748-1758.	4.9	16
7	Sorption enhanced CO ₂ methanation. Physical Chemistry Chemical Physics, 2013, 15, 9620.	2.8	130