

# Noris Andre Gallandat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3648285/publications.pdf>

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7  
papers

782  
citations

1307594  
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all docs

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docs citations

7  
times ranked

1141  
citing authors

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