

# Yongliang Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1197848/publications.pdf>

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11  
papers

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933447

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1281871

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12  
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docs citations

12  
times ranked

416  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Highly Glyphosate-Resistant EPSPS Mutant from Laboratory Evolution. Applied Sciences (Switzerland), 2022, 12, 5723.	2.5	3
2	Green production of a novel sorbent from kaolin for capturing gaseous PbCl <sub>2</sub> in a furnace. Journal of Hazardous Materials, 2021, 404, 124045.	12.4	17
3	Dynamic Transformations of Metals in the Burning Solid Matter during Combustion of Heavy Metal-Contaminated Biomass. ACS Sustainable Chemistry and Engineering, 2021, 9, 7063-7073.	6.7	12
4	Harnessing the power of machine learning for carbon capture, utilisation, and storage (CCUS) – a state-of-the-art review. Energy and Environmental Science, 2021, 14, 6122-6157.	30.8	98
5	Investigation of the apparent kinetics of air and oxy-fuel biomass combustion in a spout fluidised-bed reactor. Chemical Engineering Research and Design, 2020, 153, 276-283.	5.6	10
6	Developments in calcium/chemical looping and metal oxide redox cycles for high-temperature thermochemical energy storage: A review. Fuel Processing Technology, 2020, 199, 106280.	7.2	95
7	Process simulations of blue hydrogen production by upgraded sorption enhanced steam methane reforming (SE-SMR) processes. Energy Conversion and Management, 2020, 222, 113144.	9.2	72
8	Prediction of sorption enhanced steam methane reforming products from machine learning based soft-sensor models. Energy and AI, 2020, 2, 100037.	10.6	21
9	Techno-economic analysis of low-carbon hydrogen production by sorption enhanced steam methane reforming (SE-SMR) processes. Energy Conversion and Management, 2020, 226, 113530.	9.2	56
10	The Novel ncRNA OsiR Positively Regulates Expression of katE2 and is Required for Oxidative Stress Tolerance in Deinococcus radiodurans. International Journal of Molecular Sciences, 2020, 21, 3200.	4.1	12
11	Applying machine learning algorithms in estimating the performance of heterogeneous, multi-component materials as oxygen carriers for chemical-looping processes. Chemical Engineering Journal, 2020, 387, 124072.	12.7	48