

# He'an Luo

## List of Publications by Year in descending order

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18  
papers

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	In situ growth of g-C <sub>3</sub> N <sub>4</sub> on clay minerals of kaolinite, sepiolite, and talc for enhanced solar photocatalytic energy conversion. Applied Clay Science, 2022, 216, 106337.	5.2	13
2	Solvent-free liquid-phase selective catalytic oxidation of toluene to benzyl alcohol and benzaldehyde over CeO <sub>2</sub> â€“MnO <sub>x</sub> composite oxides. Reaction Chemistry and Engineering, 2022, 7, 898-907.	3.7	11
3	Selective preparation and reaction kinetics of dimethyl carbonate from alcoholysis of methyl carbamate with methanol over ZnAl-LDO. Reaction Chemistry and Engineering, 2021, 6, 1854-1868.	3.7	6
4	The kinetics modeling and reactor simulation of propylene chlorination reaction process. AIChE Journal, 2021, 67, e17341.	3.6	1
5	Preparation of organic-inorganic chitosan@silver/sepiolite composites with high synergistic antibacterial activity and stability. Carbohydrate Polymers, 2020, 249, 116858.	10.2	47
6	Green Synthesis of Lamellae Rhombohedra Boron Suboxide for Efficient Photoreduction Catalysis with Visible Light Response. Solar Rrl, 2019, 3, 1900014.	5.8	6
7	Preparation of organicâ€“inorganic hybrid methylene blue polymerized organosilane/sepiolite pigments with superhydrophobic and self-cleaning properties. Textile Research Journal, 2019, 89, 4220-4229.	2.2	8
8	Highly selective preparation of valuable dinitronaphthalene from catalytic nitration of 1â€“nitronaphthalene with NO <sub>2</sub> over HY zeolite. Canadian Journal of Chemical Engineering, 2018, 96, 2586-2592.	1.7	10
9	High Catalytic Behavior of Activated Carbonâ€“Supported Kâ€“Feâ€“Ni Based Catalysts for 1,6â€“Hexanedinitrile Hydrogenation under Mild Conditions. ChemistrySelect, 2018, 3, 3268-3277.	1.5	1
10	Different Crystal Form Titania Supported Ruthenium Nanoparticles for Liquid Phase Hydrodeoxygenation of Guaiacol. Journal of Nanoscience and Nanotechnology, 2018, 18, 8426-8436.	0.9	2
11	A theoretical unsteadyâ€“state model for <i>k</i><sub>L</sub> of bubbles based on the framework of wide energy spectrum. AIChE Journal, 2016, 62, 1007-1022.	3.6	8
12	Catalytic properties of nickel/sepiolite promoted with potassium and lanthanum in adiponitrile hydrogenation under mild conditions. RSC Advances, 2016, 6, 60933-60939.	3.6	10
13	Boosting one-step conversion of cyclohexane to adipic acid by NO <sub>2</sub> and VPO composite catalysts. Chemical Communications, 2016, 52, 3320-3323.	4.1	21
14	Consideration of low viscous droplet breakage in the framework of the wide energy spectrum and the multiple fragments. AIChE Journal, 2015, 61, 2147-2168.	3.6	30
15	The influences of preparation methods on the structure and catalytic performance of single-wall carbon nanotubes supported palladium catalysts in nitrocyclohexane hydrogenation. RSC Advances, 2015, 5, 22863-22868.	3.6	9
16	Catalytic oxidation of cyclohexane by substituted metalloporphyrins: experimental and molecular simulation. RSC Advances, 2015, 5, 101593-101598.	3.6	8
17	Influence of Preparation Conditions on the Structure of MCM-41 and Catalytic Performance of Ru/MCM-41 in Benzene Hydrogenation. Journal of Chemical Research, 2014, 38, 90-95.	1.3	3
18	Fe- and Mn-modified SO <sub>4</sub> <sup>2-</sup> /ZrO <sub>2</sub> conjoined O <sub>2</sub> â€“Ac <sub>2</sub> O as a composite catalytic system for highly selective nitration of 1-nitronaphthalene with NO <sub>2</sub> to valuable 1,5-dinitronaphthalene. Reaction Chemistry and Engineering, 0, , .	3.7	1