

# Xuguang Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

470  
citations

687363

13  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrodechlorination of Chlorobenzene over Silica-Supported Nickel Phosphide Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 5362-5368.	3.7	86
2	A novel catalyst for gas phase hydrodechlorination of chlorobenzene: Silica supported Ni <sub>3</sub> P. <i>Catalysis Communications</i> , 2007, 8, 1905-1909.	3.3	32
3	Synthesis of novel, visible-light driven S,N-doped NaTaO <sub>3</sub> catalysts with high photocatalytic activity. <i>Applied Surface Science</i> , 2020, 508, 145306.	6.1	32
4	Essential elucidation for preparation of supported nickel phosphide upon nickel phosphate precursor. <i>Journal of Solid State Chemistry</i> , 2014, 212, 13-22.	2.9	26
5	Strong nano size effect of titanium silicalite (TS-1) zeolites for electrorheological fluid. <i>Chemical Engineering Journal</i> , 2020, 384, 123267.	12.7	25
6	Improvement of hydrodeoxygenation stability of nickel phosphide based catalysts by silica modification as structural promoter. <i>Fuel</i> , 2017, 204, 144-151.	6.4	24
7	Gripper-like Silicon Species for Efficient Synthesis of Crystalline Metallosilicates with Spatially Homogeneous Heteroatoms in the Framework. <i>Chemistry of Materials</i> , 2021, 33, 4988-5001.	6.7	22
8	Total Structure of Bimetallic Core-Shell [Au <sub>42</sub> Cd <sub>40</sub> (SR) <sub>52</sub> ] <sup>2+</sup> Nanocluster and Its Implications. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17969-17973.	13.8	20
9	A chemical approach for ultrafast synthesis of SAPO-n molecular sieves. <i>Chemical Engineering Journal</i> , 2020, 381, 122759.	12.7	19
10	A catalytic hydrocracking approach for zeolite detemplation at mild condition. <i>Chemical Engineering Journal</i> , 2018, 346, 600-605.	12.7	18
11	Synthesis and Enhanced Electrorheological Properties of TS-1/Titanium Oxide Core/Shell Nanocomposite. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 1168-1182.	3.7	17
12	Influence of Reduction Conditions on the Catalytic Activity of Ni <sub>2</sub> P/SiO <sub>2</sub> for Gas-Phase Hydrodechlorination of Chlorobenzene. <i>Chinese Journal of Catalysis</i> , 2007, 28, 498-500.	14.0	15
13	Template removal from AFI aluminophosphate molecular sieve by Pd/SiO <sub>2</sub> catalytic hydrocracking at mild temperature. <i>Microporous and Mesoporous Materials</i> , 2014, 193, 127-133.	4.4	15
14	Noble metal catalyzed preparation of Ni <sub>2</sub> P/Al <sub>2</sub> O <sub>3</sub> . <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10510.	2.8	13
15	Highly Oriented Thin Membrane Fabrication with Hierarchically Porous Zeolite Seed. <i>Crystal Growth and Design</i> , 2018, 18, 4544-4554.	3.0	13
16	Spreading-wetting method for highly reproducible tertiary growth of perfective bilayer TS-1 membranes. <i>Applied Surface Science</i> , 2015, 343, 77-87.	6.1	12
17	Nano-sized plate-like alumina synthesis via solution combustion. <i>Ceramics International</i> , 2019, 45, 9919-9925.	4.8	12
18	Gas-phase Hydrodechlorination of Chlorobenzene Over Silica-supported Ni <sub>2</sub> P Catalysts Prepared Under Different Reduction Conditions. <i>Catalysis Letters</i> , 2008, 122, 167-175.	2.6	11

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19	Preparation of hierarchical TS-1 zeolite membrane via a dissolution-recrystallization process. <i>Journal of Materials Science</i> , 2018, 53, 1851-1861.	3.7	11
20	Quaternary ammonium cellulose promoted synthesis of hollow nano-sized ZSM-5 zeolite as stable catalyst for benzene alkylation with ethanol. <i>Journal of Materials Science</i> , 2021, 56, 8461-8478.	3.7	11
21	Facile synthesis of Ca <sup>2+</sup> /Ta <sup>4+</sup> co-doped NaTaO <sub>3</sub> and rGO nanocomposites with enhanced visible light photocatalytic performance. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 11211-11223.	7.1	11
22	Mechanistic insights into NO <sub>x</sub> /H <sub>2</sub> reaction over Pt/boron-doped graphene catalyst. <i>Journal of Hazardous Materials</i> , 2021, 406, 124327.	12.4	8
23	Graphene oxide-assisted fast synthesis of hierarchical ZSM-11 with superior performance for benzene alkylation. <i>Chemical Engineering Journal</i> , 2021, 425, 131598.	12.7	8
24	Solution-combustion Synthesized Nano-pellet $\gamma$ -Al <sub>2</sub> O <sub>3</sub> and Catalytic Oxidation of Cyclohexane by Its Supported Cobalt Acetate. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 811-824.	1.0	4
25	Total Structure of Bimetallic Core-Shell [Au <sub>42</sub> Cd <sub>40</sub> (SR) <sub>52</sub> ] <sub>2</sub> Nanocluster and Its Implications. <i>Angewandte Chemie</i> , 2021, 133, 18113-18117.	2.0	3
26	Facile Preparation of Bilayer Titanium Silicate (TS-1) Zeolite Membranes by Periodical Secondary Growth. <i>Coatings</i> , 2019, 9, 850.	2.6	2