

# Yan Gao

## List of Publications by Year in descending order

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18  
papers

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citations

933447

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839539

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19  
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docs citations

19  
times ranked

383  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative desulfurization of model fuel in the presence of molecular oxygen over polyoxometalate based catalysts supported on carbon nanotubes. <i>Fuel</i> , 2018, 224, 261-270.	6.4	73
2	Oxidative desulfurization process of model fuel under molecular oxygen by polyoxometalate loaded in hybrid material CNTs@MOF-199 as catalyst. <i>Journal of Hazardous Materials</i> , 2018, 359, 258-265.	12.4	60
3	Metal modified heteropolyacid incorporated into porous materials for a highly oxidative desulfurization of DBT under molecular oxygen. <i>Fuel</i> , 2017, 197, 551-561.	6.4	54
4	Deep desulfurization of fuels using supported ionic liquid-polyoxometalate hybrid as catalyst: A comparison of different types of ionic liquids. <i>Journal of Hazardous Materials</i> , 2021, 401, 123267.	12.4	50
5	Carbon Nanotubes Chemically Modified by Metal Phthalocyanines with Excellent Electrocatalytic Activity to Li/SOCl <sub>2</sub> Battery. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1140-A1147.	2.9	20
6	Design and synthesis heteropolyacid modified mesoporous hybrid material CNTs@MOF-199 catalyst by different methods for extraction-oxidation desulfurization of model diesel. <i>Microporous and Mesoporous Materials</i> , 2020, 291, 109702.	4.4	20
7	An Effective Hybrid Heterogeneous Catalyst to Desulfurize Diesel: Peroxotungstate@Metal-Organic Framework. <i>Molecules</i> , 2020, 25, 5494.	3.8	17
8	Binuclear metal phthalocyanines bonding with carbon nanotubes as catalyst for the Li/SOCl <sub>2</sub> battery. <i>Journal of Electroanalytical Chemistry</i> , 2017, 791, 75-82.	3.8	16
9	A series of new Phthalocyanine derivatives with large conjugated system as catalysts for the Li/SOCl <sub>2</sub> battery. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 8-13.	3.8	12
10	A simple desulfurization process to achieve high efficiency, sustainability and cost-effectivity via peroxotungstate catalyst. <i>Molecular Catalysis</i> , 2021, 505, 111515.	2.0	11
11	Dawson type polyoxometalate based-poly ionic liquid supported on different carbon materials for high-efficiency oxidative desulfurization with molecular oxygen as the oxidant. <i>New Journal of Chemistry</i> , 2020, 44, 20358-20366.	2.8	10
12	Support ionic liquid-heteropolyacid hybrid on mesoporous carbon aerogel with a high surface area for highly efficient desulfurization under mild conditions. <i>Microporous and Mesoporous Materials</i> , 2020, 305, 110392.	4.4	10
13	Synthesis and characterization of TiO <sub>2</sub> -V <sub>2</sub> O <sub>5</sub> -MCM-41 for catalyzing transesterification of dimethyl carbonate with phenol. <i>Chemistry Central Journal</i> , 2018, 12, 104.	2.6	7
14	Structure and electrochemical performance of LiFePO <sub>4</sub> cathode materials modified with carbon coating and metal doping. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 1655-1665.	2.5	7
15	Poly(ionic liquid)-polyoxometalate/graphene oxide composites as catalysts for deep desulfurization. <i>New Journal of Chemistry</i> , 2022, 46, 756-766.	2.8	5
16	Metal-organic framework (UIO-66-NH <sub>2</sub> )-encapsulated peroxophosphotungstate (PW <sub>4</sub> ) loaded on graphene oxide (GO) as catalyst for desulfurization of fuel. <i>Microporous and Mesoporous Materials</i> , 2022, 341, 112105.	4.4	5
17	Amino-substituted binuclear phthalocyanines bonding with multi-wall carbon nanotube as efficient electrocatalysts for lithium-thionyl chloride battery. <i>Journal of Materials Research</i> , 2019, 34, 921-931.	2.6	4
18	Encapsulated peroxophosphotungstates catalyst into magnetic MOF: Magnetically recoverable heterogeneous high efficiency desulfurization catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108270.	6.7	4