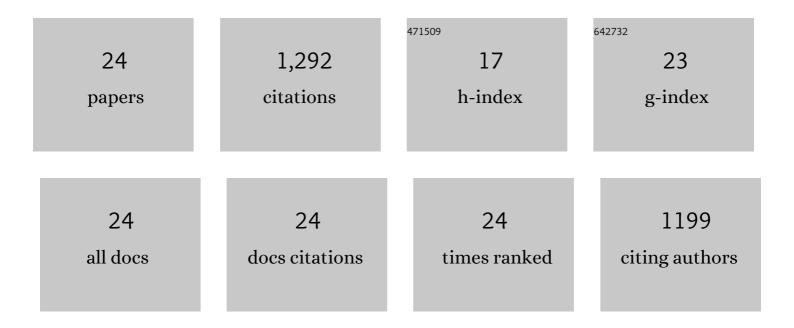
Jixing Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interface engineering of quaternary ammonium phosphotungstate for efficient oxidative desulfurization of high-sulfur petroleum coke. Petroleum Science and Technology, 2023, 41, 86-103.	1.5	0
2	Unveiling the role of high-valent copper cations in the selective catalytic reduction of NOx with NH3 at low temperature. Fuel, 2022, 318, 123607.	6.4	6
3	Enhanced Oxygen Activation Achieved by Robust Single Chromium Atom-Derived Catalysts in Aerobic Oxidative Desulfurization. ACS Catalysis, 2022, 12, 8623-8631.	11.2	78
4	BN/ZIF-8 derived carbon hybrid materials for adsorptive desulfurization: Insights into adsorptive property and reaction kinetics. Fuel, 2021, 288, 119685.	6.4	40
5	Overcoming the phase separation within high-entropy metal carbide by poly(ionic liquid)s. Chemical Communications, 2021, 57, 3676-3679.	4.1	10
6	Highâ€performance adsorptive desulfurization by ternary hybrid boron carbon nitride aerogel. AICHE Journal, 2021, 67, e17280.	3.6	58
7	Taming the Redox Property of A _{0.5} Co _{2.5} O ₄ (A = Mg, Ca, Sr, Ba) toward High Catalytic Activity for N ₂ O Decomposition. ACS Applied Energy Materials, 2021, 4, 8496-8505.	5.1	17
8	Insight into the Potassium Poisoning Effect for Selective Catalytic Reduction of NO _{<i>x</i>} with NH ₃ over Fe/Beta. ACS Catalysis, 2021, 11, 14727-14739.	11.2	69
9	Roomâ€Temperature Synthesis of Highâ€Entropy Perovskite Oxide Nanoparticle Catalysts through Ultrasonicationâ€Based Method. ChemSusChem, 2020, 13, 111-115.	6.8	104
10	Heterogeneous Nonâ€noble Catalyst for Highly Selective Production of Linear αâ€Olefins from Fatty Acids: A Discovery of NiFe/C. ChemSusChem, 2020, 13, 4922-4928.	6.8	14
11	Deep Understanding of Strong Metal Interface Confinement: A Journey of Pd/FeO _{<i>x</i>} Catalysts. ACS Catalysis, 2020, 10, 8950-8959.	11.2	113
12	Transfer Hydrogenation of Fatty Acids on Cu/ZrO ₂ : Demystifying the Role of Carrier Structure and Metal–Support Interface. ACS Catalysis, 2020, 10, 9098-9108.	11.2	50
13	Entropy-stabilized single-atom Pd catalysts via high-entropy fluorite oxide supports. Nature Communications, 2020, 11, 3908.	12.8	172
14	lonic Liquidâ€Directed Nanoporous TiNb ₂ O ₇ Anodes with Superior Performance for Fastâ€Rechargeable Lithiumâ€Ion Batteries. Small, 2020, 16, e2001884.	10.0	69
15	Solvent-free rapid synthesis of porous CeWO _x by a mechanochemical self-assembly strategy for the abatement of NO _x . Journal of Materials Chemistry A, 2020, 8, 6717-6731.	10.3	42
16	Low-Temperature Methane Oxidation Triggered by Peroxide Radicals over Noble-Metal-Free MgO Catalyst. ACS Applied Materials & Interfaces, 2020, 12, 21761-21771.	8.0	18
17	Mechanochemical Nonhydrolytic Sol–Gel-Strategy for the Production of Mesoporous Multimetallic Oxides. Chemistry of Materials, 2019, 31, 5529-5536.	6.7	65
18	Structure, synthesis, and catalytic properties of nanosize cerium-zirconium-based solid solutions in environmental catalysis. Chinese Journal of Catalysis, 2019, 40, 1438-1487.	14.0	93

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19	Design and Synthesis of Highly-Dispersed WO ₃ Catalyst with Highly Effective NH ₃ –SCR Activity for NO _{<i>x</i>> Abatement. ACS Catalysis, 2019, 9, 11557-11562.}	11.2	50
20	Aluminum hydroxide-mediated synthesis of mesoporous metal oxides by a mechanochemical nanocasting strategy. Journal of Materials Chemistry A, 2019, 7, 22977-22985.	10.3	20
21	Polyoxometalates as bifunctional templates: engineering metal oxides with mesopores and reactive surfaces for catalysis. Journal of Materials Chemistry A, 2019, 7, 27297-27303.	10.3	9
22	Fe/Beta@SBAâ€15 coreâ€shell catalyst: Interface stable effect and propene poisoning resistance for no abatement. AICHE Journal, 2018, 64, 3967-3978.	3.6	51
23	Feâ€Beta@CeO ₂ coreâ€shell catalyst with tunable shell thickness for selective catalytic reduction of NO _{<i>x</i>} with NH ₃ . AICHE Journal, 2017, 63, 4430-4441.	3.6	51
24	Design of MoFe/Beta@CeO2 catalysts with a coreâ^'shell structure and their catalytic performances for the selective catalytic reduction of NO with NH3. Applied Catalysis B: Environmental, 2017, 203, 704-714.	20.2	93