

Xianjin Shi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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9
times ranked

603
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of N-Vacancies over Porous g-C ₃ N ₄ Microtubes during Photocatalytic NO _x Removal. ACS Applied Materials & Interfaces, 2019, 11, 10651-10662.	8.0	210
2	Self-assembly synthesis of boron-doped graphitic carbon nitride hollow tubes for enhanced photocatalytic NO _x removal under visible light. Applied Catalysis B: Environmental, 2018, 239, 352-361.	20.2	154
3	Synergistically boosting highly selective CO ₂ →CO photoreduction over BiOCl nanosheets via in-situ formation of surface defects and non-precious metal nanoparticles. Applied Catalysis B: Environmental, 2021, 297, 120413.	20.2	112
4	Maximizing the Formation of Reactive Oxygen Species for Deep Oxidation of NO via Manipulating the Oxygen-Vacancy Defect Position on (BiO) ₂ CO ₃ . ACS Catalysis, 2021, 11, 7735-7749.	11.2	94
5	Highly Selective Photocatalytic CO ₂ Methanation with Water Vapor on Single-Atom Platinum-Decorated Defective Carbon Nitride. Angewandte Chemie - International Edition, 2022, 61, .	13.8	60
6	Recent progress on two-dimensional materials confining single atoms for CO ₂ photoreduction. Chinese Chemical Letters, 2022, 33, 5023-5029.	9.0	28
7	Anchoring Platinum Clusters onto Oxygen Vacancy-Modified In ₂ O ₃ for Ultraefficient, Low-Temperature, Highly Sensitive, and Stable Detection of Formaldehyde. ACS Sensors, 2022, 7, 1201-1212.	7.8	28
8	Highly Selective Photocatalytic CO ₂ Methanation with Water Vapor on Single-Atom Platinum-Decorated Defective Carbon Nitride. Angewandte Chemie, 2022, 134, .	2.0	18
9	Efficient charge separation of a Z-scheme Bi ₅ O ₇ /CeO ₂ heterojunction with enhanced visible light photocatalytic activity for NO removal. Inorganic Chemistry Frontiers, 2022, 9, 2832-2844.	6.0	6