

# Xiaolong Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5743218/publications.pdf>

Version: 2024-02-01

8  
papers

151  
citations

1478505  
6  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese( $\text{Mn}^{2+}$ ) phosphate nanosheet assembly with native out-of-plane Mn centres for electrocatalytic water oxidation. <i>Chemical Science</i> , 2019, 10, 191-197.	7.4	44
2	Electronic properties and native point defects of high efficient NO oxidation catalysts $\text{SmMn}_2\text{O}_5$ . <i>Applied Physics Letters</i> , 2016, 109, .	3.3	27
3	Rational design of Si/TiO <sub>2</sub> heterojunction photocatalysts: Transfer matrix method. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 70-76.	20.2	23
4	$\text{SnS}_2$ Nanoplates with Specific Facets Exposed for Enhanced Visible-Light-Driven Photocatalysis. <i>ChemPhotoChem</i> , 2017, 1, 60-69.	3.0	22
5	Influence of B-site transition metal on NO oxidation over $\text{LaBO}_3$ (B=Mn, Fe and Co) perovskite catalysts. <i>AIP Advances</i> , 2018, 8, .	1.3	14
6	Origin of OER catalytic activity difference of oxygen-deficient perovskites $\text{A}_2\text{Mn}_2\text{O}_5$ (A = Ca, Sr): A theoretical study. <i>Journal of Chemical Physics</i> , 2017, 146, 224703.	3.0	12
7	Design rules of pseudocapacitive electrode materials: ion adsorption, diffusion, and electron transmission over prototype TiO <sub>2</sub> . <i>Science China Materials</i> , 2022, 65, 391-399.	6.3	6
8	Dimerization of boron dopant in diamond (100) epitaxy induced by strong pair correlation on the surface. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 045011.	1.8	3