

# Lei Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

6  
papers

82  
citations

1937685  
4  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic assessment of hydrogen production via solar thermochemical cycle based on MoO <sub>2</sub> /Mo by methane reduction. <i>Frontiers in Energy</i> , 2020, 14, 71-80.	2.3	2
2	Thermodynamic analysis of novel vanadium redox materials for solar thermochemical ammonia synthesis from N <sub>2</sub> and CH <sub>4</sub> . <i>International Journal of Hydrogen Energy</i> , 2020, 45, 2569-2577.	7.1	6
3	Solar thermochemical CO <sub>2</sub> splitting with doped perovskite LaCo <sub>0.7</sub> Zr <sub>0.3</sub> O <sub>3</sub> : thermodynamic performance and solar-to-fuel efficiency. <i>RSC Advances</i> , 2020, 10, 35740-35752.	3.6	9
4	Experimental study on the high performance of Zr doped LaCoO <sub>3</sub> for solar thermochemical CO production. <i>Chemical Engineering Journal</i> , 2020, 389, 124426.	12.7	38
5	Solar fuels production via two-step thermochemical cycle based on Fe <sub>3</sub> O <sub>4</sub> /Fe with methane reduction. <i>Solar Energy</i> , 2019, 177, 772-781.	6.1	23
6	Thermodynamic assessment of solar-aided carbon dioxide conversion into fuels via Tin oxides. <i>Science China Technological Sciences</i> , 2018, 61, 1779-1787.	4.0	4