

Hisayoshi Kobayashi

List of Publications by Year in descending order

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9
papers

615
citations

1307594

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1474206

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docs citations

9
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced visible-NIR absorption and oxygen vacancy generation of Pt/H _x MoWO _y by H-spillover to facilitate photothermal catalytic CO ₂ hydrogenation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10854-10864.	10.3	16
2	A strong Jahn-Teller distortion in Mn ₃ O ₄ -MnO heterointerfaces for enhanced silver catalyzed formaldehyde reforming into hydrogen. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3068-3077.	4.9	7
3	Revealing hydrogen spillover pathways in reducible metal oxides. <i>Chemical Science</i> , 2022, 13, 8137-8147.	7.4	39
4	A quasi-stable molybdenum sub-oxide with abundant oxygen vacancies that promotes CO ₂ hydrogenation to methanol. <i>Chemical Science</i> , 2021, 12, 9902-9915.	7.4	35
5	Electronic Band Structures and Photochemical Properties of La ³⁺ Ga-based Oxysulfides. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11978-11984.	3.1	71
6	Selective Formation of Rearranged Silenes from Polysilylenones via 1,3- and 1,5-Silyl Migration. <i>Organometallics</i> , 2008, 27, 5423-5425.	2.3	4
7	Studies on TiN _x O _y F _z as a Visible-Light-Responsive Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18264-18270.	3.1	105
8	Zinc Germanium Oxynitride as a Photocatalyst for Overall Water Splitting under Visible Light. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1042-1048.	3.1	262
9	Overall water splitting using (oxy)nitride photocatalysts. <i>Pure and Applied Chemistry</i> , 2006, 78, 2267-2276.	1.9	76