

Jun Ke

List of Publications by Year in descending order

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1307366

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1423
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#	ARTICLE	IF	CITATIONS
1	First-principles microkinetic simulations revealing the scaling relations and structure sensitivity of CO ₂ hydrogenation to C ₁ & C ₂ oxygenates on Pd surfaces. Catalysis Science and Technology, 2021, 11, 4866-4881.	2.1	5
2	First-principles-based microkinetic simulations of syngas to methanol conversion on ZnAl ₂ O ₄ spinel oxide. Applied Surface Science, 2021, 569, 151064.	3.1	7
3	Free-standing iridium and rhodium-based hierarchically-coiled ultrathin nanosheets for highly selective reduction of nitrobenzene to azoxybenzene under ambient conditions. Nanoscale, 2016, 8, 15744-15752.	2.8	40
4	Shaping Single-Crystalline Trimetallic PtPdRh Nanocrystals toward High-Efficiency C-C Splitting of Ethanol in Conversion to CO ₂ . ACS Catalysis, 2015, 5, 1995-2008.	5.5	80
5	Strong Local Coordination Structure Effects on Subnanometer PtO _x Clusters over CeO ₂ Nanowires Probed by Low-Temperature CO Oxidation. ACS Catalysis, 2015, 5, 5164-5173.	5.5	214
6	Efficient Tailoring of Upconversion Selectivity by Engineering Local Structure of Lanthanides in Na ₃ REF ₃ Nanocrystals. Journal of the American Chemical Society, 2015, 137, 6569-6576.	6.6	154
7	Microwave-assisted rapid synthesis of mesoporous nanostructured ZnCo ₂ O ₄ anode materials for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 24303-24308.	5.2	34
8	Dopant-Induced Modification of Active Site Structure and Surface Bonding Mode for High-Performance Nanocatalysts: CO Oxidation on Capping-free (110)-oriented CeO ₂ :Ln (Ln) Tj ETQq0.0 0 rgBT1/0verlock	0.0	0