

Yusuf KoÃ§ak

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Enhanced photocatalytic NO _x oxidation and storage under visible-light irradiation by anchoring Fe ₃ O ₄ nanoparticles on mesoporous graphitic carbon nitride (mpg-C ₃ N ₄). Applied Catalysis B: Environmental, 2019, 249, 126-137.	10.8	64
2	Exceptionally active and stable catalysts for CO ₂ reforming of glycerol to syngas. Applied Catalysis B: Environmental, 2019, 256, 117808.	10.8	35
3	All-Solution-Processed, Oxidation-Resistant Copper Nanowire Networks for Optoelectronic Applications with Year-Long Stability. ACS Applied Materials & Interfaces, 2020, 12, 45136-45144.	4.0	25
4	Enhancement of photocatalytic NO _x abatement on titania via additional metal oxide NO _x -storage domains: Interplay between surface acidity, specific surface area, and humidity. Applied Catalysis B: Environmental, 2020, 263, 118227.	10.8	24
5	Growth Control of WS ₂ : From 2D Layer by Layer to 3D Vertical Standing Nanowalls. ACS Applied Materials & Interfaces, 2020, 12, 15785-15792.	4.0	23
6	Interfacial engineering of CuO nanorod/ZnO nanowire hybrid nanostructure photoanode in dye-sensitized solar cell. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	17
7	Core-Crown Quantum Nanoplatelets with Favorable Type-II Heterojunctions Boost Charge Separation and Photocatalytic NO Oxidation on TiO ₂ . ChemCatChem, 2020, 12, 6329-6343.	1.8	16
8	CdTe Quantum Dot-Functionalized P25 Titania Composite with Enhanced Photocatalytic NO ₂ Storage Selectivity under UV and Vis Irradiation. ACS Applied Materials & Interfaces, 2019, 11, 865-879.	4.0	15
9	Precious Metal-Free LaMnO ₃ Perovskite Catalyst with an Optimized Nanostructure for Aerobic C-H Bond Activation Reactions: Alkylarene Oxidation and Naphthol Dimerization. ACS Applied Materials & Interfaces, 2021, 13, 5099-5110.	4.0	15
10	Enhancement of Formic Acid Dehydrogenation Selectivity of Pd(111) Single Crystal Model Catalyst Surface via Brønsted Bases. Journal of Physical Chemistry C, 2019, 123, 28777-28788.	1.5	10
11	The influence of the growth rate on the eutectic spacings, undercoolings and microhardness of directional solidified bismuth-lead eutectic alloy. Current Applied Physics, 2013, 13, 587-593.	1.1	9
12	AlGaIn/AlN MOVPE heteroepitaxy: pulsed co-doping SiH ₄ and TMIn. Semiconductor Science and Technology, 2019, 34, 075028.	1.0	8
13	Unraveling Molecular Fingerprints of Catalytic Sulfur Poisoning at the Nanometer Scale with Near-Field Infrared Spectroscopy. Journal of the American Chemical Society, 2022, 144, 8848-8860.	6.6	8
14	A highly active and stable Ru catalyst for syngas production via glycerol dry reforming: Unraveling the interplay between support material and the active sites. Applied Catalysis A: General, 2022, 636, 118577.	2.2	4
15	Significance of the Mn-Oxidation State in Catalytic and Noncatalytic Promotional Effects of MnO _x Domains in Formic Acid Dehydrogenation on Pd/MnO _x Interfaces. Journal of Physical Chemistry C, 2020, 124, 22529-22538.	1.5	2
16	Single, co-doping and triple doping Fe element in the ZnO crystal matrices. Materials Research Express, 2019, 6, 046410.	0.8	0