

Ruiyi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

521
citations

686830

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h-index

642321

23
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docs citations

24
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Bidentate ligand modification strategy on supported Ni nanoparticles for photocatalytic selective hydrogenation of alkynes. <i>Applied Catalysis B: Environmental</i> , 2022, 313, 121449.	10.8	8
2	Strong metal-support interaction induced O ₂ activation over Au/MNb ₂ O ₆ (M ²⁺ =Zn ²⁺ , Ni ²⁺ and Co ²⁺) for efficient photocatalytic benzyl alcohol oxidative esterification. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119618.	10.8	21
3	Synergistic interaction between Ru and MgAl-LDH support for efficient hydrogen transfer reduction of carbonyl compounds under visible light. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119640.	10.8	29
4	Facile one-step synthesis of porous graphene-like g-C ₃ N ₄ rich in nitrogen vacancies for enhanced H ₂ production from photocatalytic aqueous-phase reforming of methanol. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 197-208.	3.8	25
5	Hydroxyl-group-modified polymeric carbon nitride with the highly selective hydrogenation of nitrobenzene to <i>N</i> -phenylhydroxylamine under visible light. <i>Green Chemistry</i> , 2021, 23, 3612-3622.	4.6	22
6	Selective oxidative esterification of alcohols over Au-Pd/graphene. <i>Molecular Catalysis</i> , 2020, 484, 110687.	1.0	10
7	The synergistic role of the support surface and Au-Cu alloys in a plasmonic Au-Cu@LDH photocatalyst for the oxidative esterification of benzyl alcohol with methanol. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1655-1664.	1.3	14
8	Catalytic Performance of Palladium Supported on Sheaf-Like Ceria in the Lean Methane Combustion. <i>Nanomaterials</i> , 2020, 10, 31.	1.9	7
9	Plasmon-enhanced furfural hydrogenation catalyzed by stable carbon-coated copper nanoparticles driven from metal-organic frameworks. <i>Catalysis Science and Technology</i> , 2020, 10, 6483-6494.	2.1	23
10	Light assisted O-alkylation of phenols to ethers using layered double oxides catalyst under green and mild conditions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112695.	2.0	2
11	Efficient photocatalytic oxidative deamination of imine and amine to aldehyde over nitrogen-doped KTi ₃ NbO ₉ under purple light. <i>Catalysis Science and Technology</i> , 2020, 10, 6611-6617.	2.1	5
12	Visible-light-driven Hydroamination of Alkynes over a New Type of Activated Carbon Immobilized Cu ₂ + Photocatalyst. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1039-1044.	1.3	2
13	Modification of Au nanoparticles electronic state by MOFs defect engineering to realize highly active photocatalytic oxidative esterification of benzyl alcohol with methanol. <i>Catalysis Communications</i> , 2020, 140, 106002.	1.6	23
14	Oxygen vacancies confined in conjugated polyimide for promoted visible-light photocatalytic oxidative coupling of amines. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118964.	10.8	54
15	Structural and electronic feature evolution of Au-Pd bimetallic catalysts supported on graphene and SiO ₂ in H ₂ and O ₂ . <i>Journal of Catalysis</i> , 2019, 376, 44-56.	3.1	6
16	Light-assisted <i>O</i> -methylation of phenol with dimethyl carbonate over a layered double oxide catalyst. <i>Catalysis Science and Technology</i> , 2019, 9, 1774-1778.	2.1	12
17	ZnNb ₂ O ₆ fibre surface as an efficiently product-selective controller for the near-UV-light-induced nitrobenzene reduction reaction. <i>Catalysis Science and Technology</i> , 2019, 9, 6681-6690.	2.1	15
18	Synthesis of polyoxymethylene dimethyl ethers from dimethoxymethane and trioxymethylene over graphene oxide: Probing the active species and relating the catalyst structure to performance. <i>Applied Catalysis A: General</i> , 2019, 570, 15-22.	2.2	14

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19	Preferential Oxidation of CO in H ₂ -Rich Stream Over Au/CeO ₂ @NiO Catalysts: Effect of the Preparation Method. <i>Catalysis Letters</i> , 2018, 148, 328-340.	1.4	11
20	A novel K ₂ Ti ₈ O ₁₇ nanorod photocatalyst rich in surface OH groups for efficient hydrogen production by water splitting. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 18115-18124.	3.8	11
21	Controllable decoration of palladium sub-nanoclusters on reduced graphene oxide with superior catalytic performance in selective oxidation of alcohols. <i>Catalysis Science and Technology</i> , 2017, 7, 5650-5661.	2.1	15
22	Graphene oxide: an effective acid catalyst for the synthesis of polyoxymethylene dimethyl ethers from methanol and trioxymethylene. <i>Catalysis Science and Technology</i> , 2016, 6, 993-997.	2.1	53
23	Highly active Au@Pd nanoparticles supported on three-dimensional graphene@carbon nanotube hybrid for selective oxidation of methanol to methyl formate. <i>RSC Advances</i> , 2015, 5, 44835-44839.	1.7	19
24	Graphene-supported Au@Pd bimetallic nanoparticles with excellent catalytic performance in selective oxidation of methanol to methyl formate. <i>Chemical Communications</i> , 2013, 49, 8250.	2.2	120