

Yizhuo Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2953397/publications.pdf>

Version: 2024-02-01

23
papers

541
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective oxidation conversion of methanol/dimethyl ether. <i>Chemical Communications</i> , 2022, 58, 4687-4699.	4.1	11
2	Oxidative coupling of methane over Mo-Sn catalysts. <i>Chemical Communications</i> , 2021, 57, 13297-13300.	4.1	4
3	Effect of alkaline-earth metals on synthesis of isobutyraldehyde from methanol and ethanol over Cu-MeO _x /Ti-SBA-15 catalysts (Me = Mg, Ca, Sr, Ba). <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1139-1143.	1.9	0
4	Hierarchical H-MOR Zeolite Supported Vanadium Oxide for Dimethyl Ether Direct Oxidation. <i>Catalysts</i> , 2019, 9, 628.	3.5	6
5	Hydrogenation of CO ₂ into aromatics over a ZnCrO _x -zeolite composite catalyst. <i>Chemical Communications</i> , 2019, 55, 973-976.	4.1	102
6	Vanadium oxide modified H-beta zeolite for the synthesis of polyoxymethylene dimethyl ethers from dimethyl ether direct oxidation. <i>Fuel</i> , 2019, 238, 289-297.	6.4	14
7	Direct synthesis of isobutyraldehyde from methanol and ethanol on Cu-Mg/Ti-SBA-15 catalysts: the role of Ti. <i>New Journal of Chemistry</i> , 2017, 41, 9639-9648.	2.8	4
8	Low-Temperature Oxidation of Dimethyl Ether to Polyoxymethylene Dimethyl Ethers over CNT-Supported Rhenium Catalyst. <i>Catalysts</i> , 2016, 6, 43.	3.5	24
9	The effects of the Mo-Sn contact interface on the oxidation reaction of dimethyl ether to methyl formate at a low reaction temperature. <i>Catalysis Science and Technology</i> , 2016, 6, 6109-6117.	4.1	10
10	Synthesis of isoalkanes over a core (Fe-Zn-Zr)-shell (zeolite) catalyst by CO ₂ hydrogenation. <i>Chemical Communications</i> , 2016, 52, 7352-7355.	4.1	95
11	Ti-SBA-15 supported Cu-MgO catalyst for synthesis of isobutyraldehyde from methanol and ethanol. <i>RSC Advances</i> , 2016, 6, 85940-85950.	3.6	10
12	Application of modified CNTs with Ti(SO ₄) ₂ in selective oxidation of dimethyl ether. <i>Catalysis Science and Technology</i> , 2016, 6, 7193-7202.	4.1	16
13	Regulation of SBA-15, γ -Al ₂ O ₃ , ZSM-5 and MgO on Molybdenum oxide and Consequent Effect on DME Oxidation Reaction. <i>ChemistrySelect</i> , 2016, 1, 6127-6135.	1.5	5
14	Effects of tetrahedral molybdenum oxide species and MoO _x domains on the selective oxidation of dimethyl ether under mild conditions. <i>Catalysis Science and Technology</i> , 2016, 6, 2975-2983.	4.1	18
15	Effects of MoO ₃ crystalline structure of MoO ₃ -SnO ₂ catalysts on selective oxidation of glycol dimethyl ether to 1,2-propanediol. <i>Catalysis Science and Technology</i> , 2016, 6, 1842-1849.	4.1	12
16	Effects of the MoO ₃ structure of Mo-Sn catalysts on dimethyl ether oxidation to methyl formate under mild conditions. <i>Green Chemistry</i> , 2015, 17, 1057-1064.	9.0	19
17	Promotional effects of Sm ₂ O ₃ on Mn-H ₄ SiW ₁₂ O ₄₀ /SiO ₂ catalyst for dimethyl ether direct-oxidation to dimethoxymethane. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1869-1874.	5.8	20
18	Rhenium oxide-modified H ₃ PW ₁₂ O ₄₀ /TiO ₂ catalysts for selective oxidation of dimethyl ether to dimethoxy dimethyl ether. <i>Green Chemistry</i> , 2014, 16, 4708-4715.	9.0	41

#	ARTICLE	IF	CITATIONS
19	Selective oxidation of dimethyl ether to methyl formate over trifunctional MoO ₃ •SnO ₂ catalyst under mild conditions. <i>Green Chemistry</i> , 2013, 15, 1501.	9.0	29
20	Research on catalytic oxidation of dimethyl ether to dimethoxymethane over MnCl ₂ modified heteropolyacid catalysts. <i>Catalysis Communications</i> , 2008, 9, 1916-1919.	3.3	24
21	MnCl ₂ modified H ₄ SiW ₁₂ O ₄₀ /SiO ₂ catalysts for catalytic oxidation of dimethyl ether to dimethoxymethane. <i>Journal of Molecular Catalysis A</i> , 2007, 263, 149-155.	4.8	52
22	Catalytic Oxidation of Dimethyl Ether to Dimethoxymethane over Cs Modified H ₃ PW ₁₂ O ₄₀ /SiO ₂ Catalysts. <i>Journal of Natural Gas Chemistry</i> , 2007, 16, 322-325.	1.8	11
23	Catalytic Oxidation of Dimethyl Ether to Dimethoxymethane over MnCl ₂ -H ₄ SiW ₁₂ O ₄₀ /SiO ₂ Catalyst. <i>Chinese Journal of Catalysis</i> , 2006, 27, 916-920.	14.0	14