

# Yinghong

## List of Publications by Year in descending order

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65  
papers

1,936  
citations

331670

21  
h-index

265206

42  
g-index

65  
all docs

65  
docs citations

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times ranked

1870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethane conversion in the presence of CO <sub>2</sub> over Co-based ZSM-5 zeolite: Co species controlling the reaction pathway. <i>Molecular Catalysis</i> , 2022, 519, 112155.	2.0	5
2	Systematic Assessment of Precious Metal Recovery to Improve Environmental and Resource Protection. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1039-1052.	7.6	22
3	Ethane dehydrogenation over Co-based MOR zeolites. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 2045-2058.	1.7	2
4	Enhanced Catalytic Performance of Cr/MOR for Ethane Dehydrogenation Through Dealumination. <i>Catalysis Letters</i> , 2021, 151, 1499-1507.	2.6	3
5	Dehydrogenation of ethane assisted by CO <sub>2</sub> over Y-doped ceria supported Au catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 132, 417-429.	1.7	8
6	Cobaltous oxide supported on MFI zeolite as an efficient ethane dehydrogenation catalyst. <i>Microporous and Mesoporous Materials</i> , 2021, 312, 110791.	4.4	22
7	Enhancing BTX selectivity of the syngas to aromatics reaction through silylation of CTAB pretreated ZSM-5. <i>Catalysis Science and Technology</i> , 2021, 11, 4944-4952.	4.1	5
8	Morphology Effects of Nanoscale Er <sub>2</sub> O <sub>3</sub> and Sr-Er <sub>2</sub> O <sub>3</sub> Catalysts for Oxidative Coupling of Methane. <i>Catalysis Letters</i> , 2021, 151, 2197.	2.6	10
9	Nanosheet-Like Ho <sub>2</sub> O <sub>3</sub> and Sr-Ho <sub>2</sub> O <sub>3</sub> Catalysts for Oxidative Coupling of Methane. <i>Catalysts</i> , 2021, 11, 388.	3.5	5
10	Ga-Doped MgAl <sub>2</sub> O <sub>4</sub> Spinel as an Efficient Catalyst for Ethane Dehydrogenation to Ethylene Assisted by CO <sub>2</sub> . <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 11707-11714.	3.7	16
11	Oxidative coupling of methane over Y <sub>2</sub> O <sub>3</sub> and Sr-Y <sub>2</sub> O <sub>3</sub> nanorods. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 134, 711-725.	1.7	3
12	Photocatalytic Nitroaromatic Prodrug Activation by Functionalized Gold Nanoclusters. <i>ACS Applied Nano Materials</i> , 2021, 4, 13413-13424.	5.0	6
13	A Highly Efficient Bifunctional Catalyst CoOx/tri-g-C <sub>3</sub> N <sub>4</sub> for One-Pot Aerobic Oxidation-Knoevenagel Condensation Reaction. <i>Catalysts</i> , 2020, 10, 712.	3.5	8
14	Direct conversion of syngas into light aromatics over Cu-promoted ZSM-5 with ceria-zirconia solid solution. <i>Catalysis Science and Technology</i> , 2020, 10, 6562-6572.	4.1	18
15	Isobutane Dehydrogenation Assisted by CO <sub>2</sub> over Silicalite-1 Supported ZnO Catalysts: Influence of Support Crystallite Size. <i>Chinese Journal of Chemistry</i> , 2020, 38, 703-708.	4.9	3
16	Efficient Aerobic Oxidation of Ethyl Lactate to Ethyl Pyruvate over V <sub>2</sub> O <sub>5</sub> /g-C <sub>3</sub> N <sub>4</sub> Catalysts. <i>ACS Omega</i> , 2020, 5, 16200-16207.	3.5	13
17	Au/TiO <sub>2</sub> for Ethane Dehydrogenation: Effect of Silica Doping. <i>Catalysis Letters</i> , 2020, 150, 2013-2020.	2.6	10
18	g-C <sub>3</sub> N <sub>4</sub> modified Co <sub>3</sub> O <sub>4</sub> as efficient catalysts for aerobic oxidation of benzyl alcohol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 128, 109-120.	1.7	10

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19	Mn-doped CeO <sub>2</sub> Nanorod Supported Au Catalysts for Dehydrogenation of Ethane with CO <sub>2</sub> . <i>Catalysts</i> , 2019, 9, 119.	3.5	14
20	Chromium Oxide Supported on Silicalite-1 Zeolite as a Novel Efficient Catalyst for Dehydrogenation of Isobutane Assisted by CO <sub>2</sub> . <i>Catalysts</i> , 2019, 9, 1040.	3.5	13
21	Oxidative Dehydrogenation of Ethane with CO <sub>2</sub> over Au/CeO <sub>2</sub> Nanorod Catalysts. <i>Catalysis Letters</i> , 2018, 148, 1634-1642.	2.6	23
22	Single-Site CrO <sub>x</sub> Moieties on Silicalite: Highly Active and Stable for Ethane Dehydrogenation with CO <sub>2</sub> . <i>Catalysis Letters</i> , 2018, 148, 1375-1382.	2.6	21
23	Ceria/Zirconia/Zeolite Bifunctional Catalyst for Highly Selective Conversion of Syngas into Aromatics. <i>ChemCatChem</i> , 2018, 10, 4519-4524.	3.7	68
24	Oxidative Dehydrogenation of 1-Butene to 1,3-Butadiene Using CO <sub>2</sub> over Cr-SiO <sub>2</sub> Catalysts Prepared by Sol-gel Method. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 609-615.	2.6	7
25	Catalytic decomposition of N <sub>2</sub> O over Rh/Zn-Al <sub>2</sub> O <sub>3</sub> catalysts. <i>RSC Advances</i> , 2017, 7, 4243-4252.	3.6	19
26	Cr/ZSM-5 for ethane dehydrogenation: Enhanced catalytic activity through surface silanol. <i>Applied Catalysis A: General</i> , 2017, 532, 111-119.	4.3	58
27	Direct conversion of bio-ethanol to propylene in high yield over the composite of In <sub>2</sub> O <sub>3</sub> and zeolite beta. <i>Green Chemistry</i> , 2017, 19, 5582-5590.	9.0	35
28	Dehydrogenation of Isobutane to Isobutene with Carbon Dioxide over SBA-15-Supported Chromia-Ceria Catalysts. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1619-1626.	4.9	14
29	Dehydrogenation of Isobutane with Carbon Dioxide over SBA-15-Supported Vanadium Oxide Catalysts. <i>Catalysts</i> , 2016, 6, 171.	3.5	17
30	Chromium-based catalysts for ethane dehydrogenation: Effect of SBA-15 support. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 370-376.	4.4	41
31	Ga <sub>2</sub> O <sub>3</sub> /HSSZ-13 for dehydrogenation of ethane: Effect of pore geometry of support. <i>Catalysis Communications</i> , 2015, 71, 42-45.	3.3	21
32	Oxidative dehydrogenation of ethane with CO <sub>2</sub> over Cr supported on submicron ZSM-5 zeolite. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1242-1248.	14.0	64
33	Preparation and catalytic performance of perfluorosulfonic acid-functionalized carbon nanotubes. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1874-1882.	14.0	3
34	Synthesis of zirconia porous phosphate heterostructures (Zr-PPH) for Prins condensation. <i>Catalysis Communications</i> , 2014, 43, 97-101.	3.3	9
35	Catalytic decomposition of N <sub>2</sub> O over Cu-ZSM-5 nanosheets. <i>Journal of Molecular Catalysis A</i> , 2014, 394, 83-88.	4.8	35
36	Enhanced activity over alkyl/aryl functionalized porous pillared-zirconium phosphates in liquid-phase reaction. <i>Journal of Molecular Catalysis A</i> , 2013, 380, 84-89.	4.8	7

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37	Dehydrogenation of Propane to Propylene in the Presence of CO <sub>2</sub> over Steaming-treated HZSM-5 Supported ZnO. Chinese Journal of Chemistry, 2012, 30, 929-934.	4.9	15
38	Dehydrogenation of propane over MWW-type zeolites supported gallium oxide. Catalysis Communications, 2012, 18, 63-67.	3.3	31
39	Ga <sub>2</sub> O <sub>3</sub> /HZSM-48 for dehydrogenation of propane: Effect of acidity and pore geometry of support. Journal of Industrial and Engineering Chemistry, 2012, 18, 731-736.	5.8	47
40	Acidity and porosity modulation of MWW type zeolites for Nopol production by Prins condensation. Catalysis Communications, 2011, 12, 1131-1135.	3.3	29
41	Chromium oxide supported on ZSM-5 as a novel efficient catalyst for dehydrogenation of propane with CO <sub>2</sub> . Microporous and Mesoporous Materials, 2011, 145, 194-199.	4.4	79
42	Liquid-phase $\alpha$ -Pinene Isomerization over Fe-doped Sulfated Zirconia Prepared by a Hydrothermal Treatment-assisted Process. Chinese Journal of Chemistry, 2011, 29, 1095-1100.	4.9	9
43	Dehydrogenation of Propane to Propylene over Ga <sub>2</sub> O <sub>3</sub> Supported on Mesoporous HZSM-5 in the Presence of CO <sub>2</sub> . Chinese Journal of Chemistry, 2010, 28, 1559-1564.	4.9	14
44	Characterization and Catalytic Activities of Al <sub>2</sub> O <sub>3</sub> -Promoted Sulfated Tin Oxides. Catalysis Letters, 2009, 133, 119-124.	2.6	12
45	Isomerization of $\alpha$ -Pinene Over Porous Phosphate Heterostructure Materials: Effects of Porosity and Acidity. Catalysis Letters, 2009, 131, 560-565.	2.6	9
46	ZnO supported on high silica HZSM-5 as new catalysts for dehydrogenation of propane to propene in the presence of CO <sub>2</sub> . Catalysis Today, 2009, 148, 316-322.	4.4	82
47	Dehydrogenation of ethane to ethylene over a highly efficient Ga <sub>2</sub> O <sub>3</sub> /HZSM-5 catalyst in the presence of CO <sub>2</sub> . Applied Catalysis A: General, 2009, 356, 148-153.	4.3	91
48	Dehydrogenation of propane to propene over phosphorus-modified HZSM-5 supported Ga <sub>2</sub> O <sub>3</sub> . Reaction Kinetics and Catalysis Letters, 2008, 95, 113-122.	0.6	12
49	Sulfated tin oxide: An efficient catalyst for alkylation of hydroquinone with tert-butanol. Catalysis Communications, 2008, 9, 2274-2277.	3.3	17
50	Catalytic activities and properties of mesoporous sulfated Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> . Catalysis Letters, 2007, 116, 27-34.	2.6	14
51	Enhanced Stability of HZSM-5 Supported Ga <sub>2</sub> O <sub>3</sub> Catalyst in Propane Dehydrogenation by Dealumination. Catalysis Letters, 2007, 119, 283-288.	2.6	47
52	MSU-S(BEA) mesoporous molecular sieve: An active and stable catalyst for alkylation of hydroquinone. Microporous and Mesoporous Materials, 2006, 88, 191-196.	4.4	11
53	Support effect in dehydrogenation of propane in the presence of CO <sub>2</sub> over supported gallium oxide catalysts. Journal of Catalysis, 2006, 239, 470-477.	6.2	178
54	Role of surface pockets on MCM-49 structure in the alkylation of hydroquinone with tert-butanol. Journal of Catalysis, 2006, 240, 31-38.	6.2	13

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55	Gas-phase photo-oxidations of organic compounds over different forms of zirconia. Journal of Molecular Catalysis A, 2005, 229, 233-239.	4.8	51
56	Delamination and aromatic amine intercalation of layered aluminophosphate with [Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> ] <sup>3-</sup> stoichiometry. Journal of Colloid and Interface Science, 2005, 285, 731-736.	9.4	11
57	Dehydrogenation of propane to propene over different polymorphs of gallium oxide. Journal of Catalysis, 2005, 232, 143-151.	6.2	257
58	Hydrogenation of Methyl Benzoate over Mn/Al Catalysts: Comparison among Catalyst Preparation Routes. Topics in Catalysis, 2005, 35, 177-185.	2.8	3
59	Effect of modifiers on the activity of a Cr <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> catalyst in the dehydrogenation of ethylbenzene with CO <sub>2</sub> . Green Chemistry, 2005, 7, 524.	9.0	29
60	Ethylbenzene dehydrogenation to styrene in the presence of carbon dioxide over chromia-based catalysts. New Journal of Chemistry, 2004, 28, 373.	2.8	9
61	Title is missing!. Catalysis Letters, 2003, 89, 41-47.	2.6	15
62	Title is missing!. Catalysis Letters, 2002, 83, 19-25.	2.6	94
63	Synthesis of mesoporous TiO <sub>2</sub> with a crystalline framework. Chemical Communications, 2000, , 1755-1756.	4.1	115
64	High Efficiency and Long Life Synergetic Dual Oxide/Zeolite Catalyst for Direct Conversion of Syngas into Aromatics. ChemCatChem, 0, , .	3.7	3
65	Direct and Highly Selective Conversion of Bioethanol to Propylene Over Y-CeO <sub>2</sub> and Zeolite Beta Composite. Catalysis Letters, 0, , 1.	2.6	1