# Yinghong

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6223799/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 65 papers | 1,936 citations | 331670 21 h-index | 265206 42 g-index |
| 65 all docs | 65 docs citations | 65 times ranked | 1870 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dehydrogenation of propane to propene over different polymorphs of gallium oxide. Journal of Catalysis, 2005, 232, 143-151. | 6.2 | 257 |
| 2 | Support effect in dehydrogenation of propane in the presence of CO2 over supported gallium oxide catalysts. Journal of Catalysis, 2006, 239, 470-477. | 6.2 | 178 |
| 3 | Synthesis of mesoporous TiO2 with a crystalline framework. Chemical Communications, 2000, , 1755-1756. | 4.1 | 115 |
| 4 | Title is missing!. Catalysis Letters, 2002, 83, 19-25. | 2.6 | 94 |
| 5 | Dehydrogenation of ethane to ethylene over a highly efficient Ga2O3/HZSM-5 catalyst in the presence of CO2. Applied Catalysis A: General, 2009, 356, 148-153. | 4.3 | 91 |
| 6 | ZnO supported on high silica HZSM-5 as new catalysts for dehydrogenation of propane to propene in the presence of CO2. Catalysis Today, 2009, 148, 316-322. | 4.4 | 82 |
| 7 | Chromium oxide supported on ZSM-5 as a novel efficient catalyst for dehydrogenation of propane with CO2. Microporous and Mesoporous Materials, 2011, 145, 194-199. | 4.4 | 79 |
| 8 | Ceriaâ€Zirconia/Zeolite Bifunctional Catalyst for Highly Selective Conversion of Syngas into Aromatics. ChemCatChem, 2018, 10, 4519-4524. | 3.7 | 68 |
| 9 | Oxidative dehydrogenation of ethane with CO2 over Cr supported on submicron ZSM-5 zeolite. Chinese Journal of Catalysis, 2015, 36, 1242-1248. | 14.0 | 64 |
| 10 | Cr/ZSM-5 for ethane dehydrogenation: Enhanced catalytic activity through surface silanol. Applied Catalysis A: General, 2017, 532, 111-119. | 4.3 | 58 |
| 11 | Gas-phase photo-oxidations of organic compounds over different forms of zirconia. Journal of Molecular Catalysis A, 2005, 229, 233-239. | 4.8 | 51 |
| 12 | Enhanced Stability of HZSM-5 Supported Ga2O3 Catalyst in Propane Dehydrogenation by Dealumination. Catalysis Letters, 2007, 119, 283-288. | 2.6 | 47 |
| 13 | Ga2O3/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 |
| 14 | Chromium-based catalysts for ethane dehydrogenation: Effect of SBA-15 support. Microporous and Mesoporous Materials, 2016, 234, 370-376. | 4.4 | 41 |
| 15 | Catalytic decomposition of N2O over Cu-ZSM-5 nanosheets. Journal of Molecular Catalysis A, 2014, 394, 83-88. | 4.8 | 35 |
| 16 | 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. Green Chemistry, 2017, 19, 5582-5590. | 9.0 | 35 |
| 17 | Dehydrogenation of propane over MWW-type zeolites supported gallium oxide. Catalysis Communications, 2012, 18, 63-67. | 3.3 | 31 |
| 18 | Effect of modifiers on the activity of a Cr2O3/Al2O3 catalyst in the dehydrogenation of ethylbenzene with CO2. Green Chemistry, 2005, 7, 524. | 9.0 | 29 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Acidity and porosity modulation of MWW type zeolites for Nopol production by Prins condensation. Catalysis Communications, 2011, 12, 1131-1135. | 3.3 | 29 |
| 20 | Oxidative Dehydrogenation of Ethane with CO2 over Au/CeO2 Nanorod Catalysts. Catalysis Letters, 2018, 148, 1634-1642. | 2.6 | 23 |
| 21 | Cobaltous oxide supported on MFI zeolite as an efficient ethane dehydrogenation catalyst. Microporous and Mesoporous Materials, 2021, 312, 110791. | 4.4 | 22 |
| 22 | Systematic Assessment of Precious Metal Recovery to Improve Environmental and Resource Protection. ACS ES&T Engineering, 2022, 2, 1039-1052. | 7.6 | 22 |
| 23 | Ga2O3/HSSZ-13 for dehydrogenation of ethane: Effect of pore geometry of support. Catalysis Communications, 2015, 71, 42-45. | 3.3 | 21 |
| 24 | Single-Site CrO x Moieties on Silicalite: Highly Active and Stable for Ethane Dehydrogenation with CO2. Catalysis Letters, 2018, 148, 1375-1382. | 2.6 | 21 |
| 25 | Catalytic decomposition of N<sub>2</sub>O over Rh/Znâ€“Al<sub>2</sub>O<sub>3</sub> catalysts. RSC Advances, 2017, 7, 4243-4252. | 3.6 | 19 |
| 26 | Direct conversion of syngas into light aromatics over Cu-promoted ZSM-5 with ceriaâ€“zirconia solid solution. Catalysis Science and Technology, 2020, 10, 6562-6572. | 4.1 | 18 |
| 27 | Sulfated tin oxide: An efficient catalyst for alkylation of hydroquinone with tert-butanol. Catalysis Communications, 2008, 9, 2274-2277. | 3.3 | 17 |
| 28 | Dehydrogenation of Isobutane with Carbon Dioxide over SBA-15-Supported Vanadium Oxide Catalysts. Catalysts, 2016, 6, 171. | 3.5 | 17 |
| 29 | 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>. Industrial & Engineering Chemistry Research, 2021, 60, 11707-11714. | 3.7 | 16 |
| 30 | Title is missing!. Catalysis Letters, 2003, 89, 41-47. | 2.6 | 15 |
| 31 | Dehydrogenation of Propane to Propylene in the Presence of CO<sub>2</sub> over Steamingâ€treated HZSMâ€5 Supported ZnO. Chinese Journal of Chemistry, 2012, 30, 929-934. | 4.9 | 15 |
| 32 | Catalytic activities and properties of mesoporous sulfated Al2O3â€“ZrO2. Catalysis Letters, 2007, 116, 27-34. | 2.6 | 14 |
| 33 | Dehydrogenation of Propane to Propylene over Ga<sub>2</sub>O<sub>3</sub>Supported on Mesoporous HZSMâ€5 in the Presence of CO<sub>2</sub>. Chinese Journal of Chemistry, 2010, 28, 1559-1564. | 4.9 | 14 |
| 34 | Dehydrogenation of Isobutane to Isobutene with Carbon Dioxide over SBAâ€15â€Supported Chromiaâ€Ceria Catalysts. Chinese Journal of Chemistry, 2017, 35, 1619-1626. | 4.9 | 14 |
| 35 | Mn-doped CeO2 Nanorod Supported Au Catalysts for Dehydrogenation of Ethane with CO2. Catalysts, 2019, 9, 119. | 3.5 | 14 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | Chromium Oxide Supported on Silicalite-1 Zeolite as a Novel Efficient Catalyst for Dehydrogenation of Isobutane Assisted by CO2. Catalysts, 2019, 9, 1040. | 3.5 | 13 |
| 38 | 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. ACS Omega, 2020, 5, 16200-16207. | 3.5 | 13 |
| 39 | Dehydrogenation of propane to propene over phosphorus-modified HZSM-5 supported Ga2O3. Reaction Kinetics and Catalysis Letters, 2008, 95, 113-122. | 0.6 | 12 |
| 40 | Characterization and Catalytic Activities of Al2O3-Promoted Sulfated Tin Oxides. Catalysis Letters, 2009, 133, 119-124. | 2.6 | 12 |
| 41 | Delamination and aromatic amine intercalation of layered aluminophosphate with [Al3P4O16]3â^' stoichiometry. Journal of Colloid and Interface Science, 2005, 285, 731-736. | 9.4 | 11 |
| 42 | 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 |
| 43 | g-C3N4 modified Co3O4 as efficient catalysts for aerobic oxidation of benzyl alcohol. Reaction Kinetics, Mechanisms and Catalysis, 2019, 128, 109-120. | 1.7 | 10 |
| 44 | Morphology Effects of Nanoscale Er2O3 and Sr-Er2O3 Catalysts for Oxidative Coupling of Methane. Catalysis Letters, 2021, 151, 2197. | 2.6 | 10 |
| 45 | Au/TiO2 for Ethane Dehydrogenation: Effect of Silica Doping. Catalysis Letters, 2020, 150, 2013-2020. | 2.6 | 10 |
| 46 | Ethylbenzene dehydrogenation to styrene in the presence of carbon dioxide over chromia-based catalysts. New Journal of Chemistry, 2004, 28, 373. | 2.8 | 9 |
| 47 | Isomerization of Î±-Pinene Over Porous Phosphate Heterostructure Materials: Effects of Porosity and Acidity. Catalysis Letters, 2009, 131, 560-565. | 2.6 | 9 |
| 48 | Liquid-phase Î± -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 |
| 49 | Synthesis of zirconia porous phosphate heterostructures (Zr-PPH) for Prins condensation. Catalysis Communications, 2014, 43, 97-101. | 3.3 | 9 |
| 50 | A Highly Efficient Bifunctional Catalyst CoOx/tri-g-C3N4 for One-Pot Aerobic Oxidationâ€“Knoevenagel Condensation Reaction. Catalysts, 2020, 10, 712. | 3.5 | 8 |
| 51 | Dehydrogenation of ethane assisted by CO2 over Y-doped ceria supported Au catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2021, 132, 417-429. | 1.7 | 8 |
| 52 | Enhanced activity over alkyl/aryl functionalized porous pillared-zirconium phosphates in liquid-phase reaction. Journal of Molecular Catalysis A, 2013, 380, 84-89. | 4.8 | 7 |
| 53 | Oxidative Dehydrogenation of 1-Butene to 1,3-Butadiene Using CO2 over Cr-SiO2 Catalysts Prepared by Sol-gel Method. Chemical Research in Chinese Universities, 2018, 34, 609-615. | 2.6 | 7 |
| 54 | Photocatalytic Nitroaromatic Prodrug Activation by Functionalized Gold Nanoclusters. ACS Applied Nano Materials, 2021, 4, 13413-13424. | 5.0 | 6 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 55 | Enhancing BTX selectivity of the syngas to aromatics reaction through silylation of CTAB pretreated ZSM-5. Catalysis Science and Technology, 2021, 11, 4944-4952. | 4.1 | 5 |
| 56 | Nanosheet-Like Ho2O3 and Sr-Ho2O3 Catalysts for Oxidative Coupling of Methane. Catalysts, 2021, 11, 388. | 3.5 | 5 |
| 57 | Ethane conversion in the presence of CO2 over Co-based ZSM-5 zeolite: Co species controlling the reaction pathway. Molecular Catalysis, 2022, 519, 112155. | 2.0 | 5 |
| 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 | Preparation and catalytic performance of perfluorosulfonic acid-functionalized carbon nanotubes. Chinese Journal of Catalysis, 2014, 35, 1874-1882. | 14.0 | 3 |
| 60 | Isobutane Dehydrogenation Assisted by CO 2 over Silicaliteâ€1â€Supported ZnO Catalysts: Influence of Support Crystallite Size. Chinese Journal of Chemistry, 2020, 38, 703-708. | 4.9 | 3 |
| 61 | Enhanced Catalytic Performance of Cr/MOR for Ethane Dehydrogenation Through Dealumination. Catalysis Letters, 2021, 151, 1499-1507. | 2.6 | 3 |
| 62 | Oxidative coupling of methane over Y2O3 and Srâ€“Y2O3 nanorods. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 711-725. | 1.7 | 3 |
| 63 | Highâ€Efficiency and Longâ€life Synergetic Dualâ€Oxide/Zeolite Catalyst for Direct Conversion of Syngas into Aromatics. ChemCatChem, 0, , . | 3.7 | 3 |
| 64 | Ethane dehydrogenation over Co-based MOR zeolites. Reaction Kinetics, Mechanisms and Catalysis, 2022, 135, 2045-2058. | 1.7 | 2 |
| 65 | Direct and Highly Selective Conversion of Bioethanol to Propylene Over Y-CeO2 and Zeolite Beta Composite. Catalysis Letters, 0, , 1. | 2.6 | 1 |