# Ana MarÃ-a Dejoz GarcÃ-a

List of Publications by Year
in descending order

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| 52 | 2,586 | 159358 | 182168 |
|---|---|---|---|
| papers | citations | 30 h-index | 51 g-index |

| 52 | 52 | 52 | 2102 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evolution of the optimal catalytic systems for the oxidative dehydrogenation of ethane: The role of adsorption in the catalytic performance. Journal of Catalysis, 2022, 408, 388-400. | 3.1 | 12 |
| 2 | Highly Active Co3O4-Based Catalysts for Total Oxidation of Light C1â€“C3 Alkanes Prepared by a Simple Soft Chemistry Method: Effect of the Heat-Treatment Temperature and Mixture of Alkanes. Materials, 2021, 14, 7120. | 1.3 | 7 |
| 3 | Enhanced NiO Dispersion on a High Surface Area Pillared Heterostructure Covered by Niobium Leads to Optimal Behaviour in the Oxidative Dehydrogenation of Ethane. Chemistry - A European Journal, 2020, 26, 9371-9381. | 1.7 | 7 |
| 4 | Green synthesis of cavity-containing manganese oxides with superior catalytic performance in toluene oxidation. Applied Catalysis A: General, 2019, 582, 117107. | 2.2 | 8 |
| 5 | Ferric sludge derived from the process of water purification as an efficient catalyst and/or support for the removal of volatile organic compounds. Chemosphere, 2019, 219, 286-295. | 4.2 | 17 |
| 6 | Eco-Friendly Cavity-Containing Iron Oxides Prepared by Mild Routes as Very Efficient Catalysts for the Total Oxidation of VOCs. Materials, 2018, 11, 1387. | 1.3 | 15 |
| 7 | Total Oxidation of Propane Using CeO2 and CuO-CeO2 Catalysts Prepared Using Templates of Different Nature. Catalysts, 2017, 7, 96. | 1.6 | 39 |
| 8 | Insights into the catalytic production of hydrogen from propane in the presence of oxygen: Cooperative presence of vanadium and gold catalysts. Fuel Processing Technology, 2015, 134, 290-296. | 3.7 | 4 |
| 9 | Total oxidation of propane in vanadia-promoted platinum-alumina catalysts: Influence of the order of impregnation. Catalysis Today, 2015, 254, 12-20. | 2.2 | 32 |
| 10 | Enhanced H2O2 production over Au-rich bimetallic Auâ€“Pd nanoparticles on ordered mesoporous carbons. Catalysis Today, 2015, 248, 48-57. | 2.2 | 40 |
| 11 | Oxidative dehydrogenation of ethane: A study over the structure and robustness of Niâ€“Wâ€“O catalysts. Fuel Processing Technology, 2014, 119, 105-113. | 3.7 | 19 |
| 12 | The different catalytic behaviour in the propane total oxidation of cobalt and manganese oxides prepared by a wet combustion procedure. Chemical Engineering Journal, 2013, 229, 547-558. | 6.6 | 87 |
| 13 | Total oxidation of naphthalene using bulk manganese oxide catalysts. Applied Catalysis A: General, 2013, 450, 169-177. | 2.2 | 49 |
| 14 | Highly dispersed encapsulated AuPd nanoparticles on ordered mesoporous carbons for the direct synthesis of H2O2 from molecular oxygen and hydrogen. Chemical Communications, 2012, 48, 5316. | 2.2 | 32 |
| 15 | Total oxidation of VOCs on Au nanoparticles anchored on Co doped mesoporous UVM-7 silica. Chemical Engineering Journal, 2012, 187, 391-400. | 6.6 | 44 |
| 16 | Oxidative dehydrogenation of ethane over Niâ€“Wâ€“O mixed metal oxide catalysts. Journal of Catalysis, 2011, 280, 28-39. | 3.1 | 108 |
| 17 | Promoting the activity and selectivity of high surface area Niâ€“Ceâ€“O mixed oxides by gold deposition for VOC catalytic combustion. Chemical Engineering Journal, 2011, 175, 271-278. | 6.6 | 64 |
| 18 | Deep oxidation of volatile organic compounds using ordered cobalt oxides prepared by a nanocasting route. Applied Catalysis A: General, 2010, 386, 16-27. | 2.2 | 164 |

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|---|---|---|---|
| 19 | Reaction products and pathways in the selective oxidation of C2â€“C4 alkanes on MoVTeNb mixed oxide catalysts. Catalysis Today, 2010, 157, 291-296. | 2.2 | 39 |
| 20 | Stable anchoring of dispersed gold nanoparticles on hierarchic porous silica-based materials. Journal of Materials Chemistry, 2010, 20, 6780. | 6.7 | 19 |
| 21 | Supported Niâ€“Wâ€“O Mixed Oxides as Selective Catalysts for the Oxidative Dehydrogenation of Ethane. Topics in Catalysis, 2009, 52, 751-757. | 1.3 | 38 |
| 22 | Total oxidation of naphthalene with high selectivity using a ceria catalyst prepared by a combustion method employing ethylene glycol. Journal of Hazardous Materials, 2009, 171, 393-399. | 6.5 | 24 |
| 23 | Selective oxidation of ethane: Developing an orthorhombic phase in Moâ€“Vâ€“X (X=Nb, Sb, Te) mixed oxides. Catalysis Today, 2009, 142, 272-277. | 2.2 | 57 |
| 24 | Total oxidation of propane using nanocrystalline cobalt oxide and supported cobalt oxide catalysts. Applied Catalysis B: Environmental, 2008, 84, 176-184. | 10.8 | 221 |
| 25 | Selective oxidation of propane and ethane on diluted Moâ€“Vâ€“Nbâ€“Te mixed-oxide catalysts. Journal of Catalysis, 2007, 252, 271-280. | 3.1 | 94 |
| 26 | Molybdenumâ€“vanadium supported on mesoporous alumina catalysts for the oxidative dehydrogenation of ethane. Catalysis Today, 2006, 117, 228-233. | 2.2 | 78 |
| 27 | Selective oxidative dehydrogenation of ethane over MoVSbO mixed oxide catalysts. Applied Catalysis A: General, 2006, 298, 16-23. | 2.2 | 72 |
| 28 | Selective oxidation of short-chain alkanes over hydrothermally prepared MoVTeNbO catalysts. Topics in Catalysis, 2006, 38, 59-67. | 1.3 | 39 |
| 29 | Oxidative dehydrogenation of ethane on Te-containing MoVNbO catalysts. Catalysis Today, 2004, 91-92, 241-245. | 2.2 | 52 |
| 30 | Selective oxidative dehydrogenation of ethane on MoVTeNbO mixed metal oxide catalysts. Journal of Catalysis, 2004, 225, 428-438. | 3.1 | 229 |
| 31 | Moâ€“Vâ€“Nb mixed oxides as catalysts in the selective oxidation of ethane. Catalysis Today, 2003, 78, 507-512. | 2.2 | 56 |
| 32 | The selective oxidative dehydrogenation of ethane over hydrothermally synthesised MoVTeNb catalysts. Chemical Communications, 2002, , 1906-1907. | 2.2 | 134 |
| 33 | SiO2-supported vanadium magnesium mixed oxides as selective catalysts for the oxydehydrogenation of short chain alkanes. Applied Catalysis A: General, 2001, 208, 99-110. | 2.2 | 26 |
| 34 | V-containing MCM-41 and MCM-48 catalysts for the selective oxidation of propane in gas phase. Applied Catalysis A: General, 2001, 209, 155-164. | 2.2 | 112 |
| 35 | Textural and Spectroscopic Characterisation of vanadium MCM-41 materials. Application to gas-phase catalysis.. Studies in Surface Science and Catalysis, 2000, 128, 279-288. | 1.5 | 1 |
| 36 | Oxidative dehydrogenation of n-butane and 1-butene on undoped and K-doped VOx/Al2O3 catalysts. Catalysis Today, 2000, 61, 361-367. | 2.2 | 26 |

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|---|---|---|---|
| 37 | MoO3/MgO as a catalyst in the oxidative dehydrogenation of n-butane in a two-zone fluidized bed reactor. Catalysis Today, 2000, 61, 101-107. | 2.2 | 33 |
| 38 | Vaporâ€“liquid equilibrium of binary mixtures of trichloroethylene with 1-pentanol, 2-methyl-1-butanol and 3-methyl-1-butanol at 100 kPa. Fluid Phase Equilibria, 1999, 155, 229-239. | 1.4 | 9 |
| 39 | Vaporâ^'Liquid Equilibrium of Binary Mixtures of Tetrachloroethylene with 1-Pentanol, 3-Methyl-1-butanol, and 2-Methyl-1-butanol. Journal of Chemical & Engineering Data, 1999, 44, 286-290. | 1.0 | 3 |
| 40 | Phase equilibria and variation of the azeotropic composition with pressure for binary mixtures of 1-propanol + chlorobenzene and 1-butanol + chlorobenzene. Fluid Phase Equilibria, 1998, 145, 287-299. | 1.4 | 10 |
| 41 | Vaporâ€“liquid equilibrium of binary mixtures of chlorobenzene with 3-methyl-1-butanol, 3-methyl-2-butanol and 2-methyl-2-butanol, at 100 kPa. Fluid Phase Equilibria, 1998, 153, 265-277. | 1.4 | 4 |
| 42 | Isobaric Vaporâ^'Liquid Equilibrium of Binary Mixtures of 1-Butanol + Chlorobenzene and 2-Butanol + Chlorobenzene at 20 and 100 kPa. Journal of Chemical & Engineering Data, 1997, 42, 374-378. | 1.0 | 14 |
| 43 | Kinetic Study of the Oxidation ofn-Butane on Vanadium Oxide Supported on Al/Mg Mixed Oxide. Industrial & Engineering Chemistry Research, 1997, 36, 2588-2596. | 1.8 | 34 |
| 44 | Isobaric vapor-liquid equilibrium of binary mixtures of 1-propanol + chlorobenzene and 2-propanol + chlorobenzene. Fluid Phase Equilibria, 1997, 134, 151-161. | 1.4 | 18 |
| 45 | Isobaric Vaporâ^'Liquid Equilibria of Trichloroethylene with 1-Butanol and 2-Butanol at 20 and 100 kPa. Journal of Chemical & Engineering Data, 1996, 41, 89-92. | 1.0 | 15 |
| 46 | Isobaric Vaporâ^'Liquid Equilibria of Tetrachloroethylene + 1-Propanol and +2-Propanol at 20 and 100 kPa. Journal of Chemical & Engineering Data, 1996, 41, 1361-1365. | 1.0 | 16 |
| 47 | Isobaric Vaporâ^'Liquid Equilibria for Binary Systems Composed of Octane, Decane, and Dodecane at 20 kPa. Journal of Chemical & Engineering Data, 1996, 41, 93-96. | 1.0 | 38 |
| 48 | Preparation, characterization and catalytic properties of vanadium oxides supported on calcined Mg/Al-hydrotalcite. Applied Catalysis A: General, 1995, 132, 41-59. | 2.2 | 55 |
| 49 | Influence of the Acid-Base Character of Supported Vanadium Catalysts on Their Catalytic Properties for the Oxidative Dehydrogenation of n-Butane. Journal of Catalysis, 1995, 157, 271-282. | 3.1 | 162 |
| 50 | The effect of potassium on the selective oxidation ofn-butane and ethane over Al2O3-supported vanadia catalysts. Catalysis Letters, 1995, 34, 51-58. | 1.4 | 64 |
| 51 | Isobaric Vapor-Liquid Equilibria of Tetrachloroethylene with 1-Butanol and 2-Butanol at 6 and 20 kPa. Journal of Chemical & Engineering Data, 1995, 40, 290-292. | 1.0 | 15 |
| 52 | Oxidative dehydrogenation of propane and n-butane on V-Mg based catalysts. Studies in Surface Science and Catalysis, 1994, , 113-123. | 1.5 | 31 |