

Silvia R González

List of Publications by Year in descending order

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papers

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39
docs citations

39
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Synergy in the Oxidative Dehydrogenation of Propane over MgVO Catalysts. <i>Journal of Catalysis</i> , 1996, 158, 452-476.	6.2	73
2	An FT-IR spectroscopy study of the adsorption and oxidation of propene on multiphase Bi, Mo and Co catalysts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1996, 52, 1107-1118.	3.9	37
3	Effect of the nature of TiO ₂ support over the performances of Rh/TiO ₂ catalysts in the partial oxidation of methane. <i>Catalysis Today</i> , 2013, 203, 158-162.	4.4	32
4	Surface Species Formed upon Supporting Molybdena on Alumina by Mechanically Mixing Both Oxides. <i>Journal of Catalysis</i> , 1993, 141, 48-57.	6.2	30
5	Oxidative dehydrogenation of propane on Mg-V-Al mixed oxides. <i>Applied Catalysis A: General</i> , 2008, 342, 93-98.	4.3	30
6	Selective oxidation of isobutene to methacrolein on multiphasic molybdate-based catalysts. <i>Applied Catalysis A: General</i> , 1996, 135, 95-123.	4.3	25
7	Supported Rh nanoparticles on CaO-SiO ₂ binary systems for the reforming of methane by carbon dioxide in membrane reactors. <i>Applied Catalysis A: General</i> , 2014, 474, 114-124.	4.3	24
8	Synergetic effects in multiphase catalysts: the role of FeSbO ₄ as donor-acceptor of spillover oxygen. <i>Catalysis Today</i> , 1996, 32, 311-319.	4.4	22
9	Modulation of selective sites by introduction of N ₂ , CO ₂ and H ₂ as gaseous promoters into the feed during oxidation reactions. <i>Catalysis Today</i> , 2005, 99, 217-226.	4.4	20
10	Surface dispersion of molybdena supported on silica, alumina and titania. <i>Journal of Materials Chemistry</i> , 1993, 3, 1313-1318.	6.7	15
11	A laser Raman spectroscopy study of molybdenum oxide supported on alumina and titania. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1994, 50, 2215-2221.	0.1	15
12	Role of the mutual contamination in the synergetic effects between MoO ₃ and SnO ₂ . <i>Thermochimica Acta</i> , 2002, 388, 27-40.	2.7	14
13	Infrared optical properties and vibrational behavior of anisotropic crystals: Orthorhombic Ba[Fe(CN) ₅ NO]·3H ₂ O. <i>Physical Review B</i> , 1987, 36, 3125-3134.	3.2	13
14	Influence of Fine Structural Characteristics of VPO Catalysts on the Formation of Maleic and Phthalic Anhydrides in the Oxidation of n-Pentane. <i>Journal of Catalysis</i> , 1999, 185, 272-285.	6.2	13
15	Transition dipole-dipole coupling between the NO stretching vibrations of nitroprusside ions in Sr[Fe(CN) ₅ N(16O,18O)]·4H ₂ O and Ba[Fe(CN) ₅ N(16O,18O)]·3H ₂ O isotopic mixtures. <i>Physical Review B</i> , 1986, 33, 5818-5824.		12
16	A FT-IR Study of the Reactivity of Tungsta-Supported Catalysts toward Butan-2-ol. <i>Langmuir</i> , 2001, 17, 6968-6973.	3.5	12
17	Influence of the products of the partial oxidation of methane (POM) on the catalytic performances of Rh/Ti-modified support catalysts. <i>Applied Catalysis A: General</i> , 2011, 394, 245-256.	4.3	12
18	Influence of H ₂ , CO and CO ₂ co-feeding on the catalytic activity of Rh/Ti-SiO ₂ during the partial oxidation of methane. <i>Catalysis Today</i> , 2010, 149, 254-259.	4.4	11

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37	Further on the influence of the presence of small amount of N ₂ O in the reactant feed in the catalytic oxidation of methane over supported Rh catalysts. <i>Catalysis Today</i> , 2013, 213, 155-162.	4.4	2
38	Solid-state reaction between molybdena and alumina: effect of water vapour pressure on the dispersion and nature of the supported phases. <i>Journal of Materials Chemistry</i> , 1994, 4, 47-50.	6.7	1
39	A Laser Raman Study of Multiphase Co-Bi-Mo Oxide Catalysts. <i>Spectroscopy Letters</i> , 1998, 31, 1299-1311.	1.0	0