

César Jiménez-Sanchidrián

List of Publications by Year in descending order

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3129
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-complexed dipyridyl-pyridazine functionalized periodic mesoporous organosilica as a heterogeneous catalyst for styrene epoxidation. Dalton Transactions, 2022, 51, 4884-4897.	1.6	10
2	Hydroxyl-Decorated Diiron Complex as a [FeFe]-Hydrogenase Active Site Model Complex: Light-Driven Photocatalytic Activity and Heterogenization on Ethylene-Bridged Periodic Mesoporous Organosilica. Catalysts, 2022, 12, 254.	1.6	4
3	Efficient Removal of Nonylphenol Isomers from Water by Use of Organo-Hydrotalcites. International Journal of Environmental Research and Public Health, 2022, 19, 7214.	1.2	0
4	Three-Dimensional Hierarchical Hydrotalcite@Silica Sphere Composites as Catalysts for Baeyer-Villiger Oxidation Reactions Using Hydrogen Peroxide. Catalysts, 2022, 12, 629.	1.6	0
5	Analysis of mortars from the castle keep in Priego de Cordoba (Spain). Vibrational Spectroscopy, 2021, 112, 103184.	1.2	2
6	Microstructural analysis of 3D hierarchical composites of hydrotalcite-coated silica microspheres. Microporous and Mesoporous Materials, 2021, 323, 111247.	2.2	5
7	Oleate Epoxidation in a Confined Matrix of Hydrotalcite. ACS Omega, 2020, 5, 619-625.	1.6	1
8	A multi-analytical study of funerary wall paintings in the Roman necropolis of Camino Viejo de Almod�var (C�rdoba, Spain). European Physical Journal Plus, 2020, 135, 1.	1.2	2
9	Use of Raman spectroscopy to assess nitrate uptake by calcined LDH phases. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125066.	2.3	17
10	Preparation of graphene-based nanomaterials by pulsed RF discharges on liquid organic compounds. Journal Physics D: Applied Physics, 2020, 53, 435202.	1.3	3
11	Thiol-Functionalized Ethylene Periodic Mesoporous Organosilica as an Efficient Scavenger for Palladium: Confirming the Homogeneous Character of the Suzuki Reaction. Materials, 2020, 13, 623.	1.3	5
12	Tailoring Bifunctional Periodic Mesoporous Organosilicas for Cooperative Catalysis. ACS Applied Nano Materials, 2020, 3, 2373-2382.	2.4	19
13	Characterization of Wallpaintings from the Caliphal Baths of Cordoba (Spain) by X-Ray Diffraction and Raman Microspectroscopy. Analytical Letters, 2019, 52, 411-422.	1.0	3
14	Luminescent Graphene-Based Materials via Europium Complexation on Dipyridylpyridazine-Functionalized Graphene Sheets. Chemistry - A European Journal, 2019, 25, 6823-6830.	1.7	14
15	Identification of pigments in the Annunciation sculptural group (Cordoba, Spain) by micro-Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 139-145.	2.0	14
16	Microwave-assisted synthesis of hybrid organo-layered double hydroxides containing cholate and deoxycholate. Materials Chemistry and Physics, 2019, 225, 28-33.	2.0	10
17	Use of Raman microspectroscopy to characterize wallpaintings in Cerro de las Cabezas and the Roman villa of Priego de Cordoba (Spain). Vibrational Spectroscopy, 2018, 96, 143-149.	1.2	12
18	Micro-Raman analysis of mortars and wallpaintings in the Roman villa of Fuente Alamo (Puente Genil,) Tj ETQq0 0 0 rgBT /Overlock 10 TF 15-23.	2.0	13

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19	Spectroscopic analysis of corrosion products in a bronze cauldron from the Late Iberian Iron Age. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 489-496.	2.0	14
20	Microwave atmospheric pressure plasma jets for wastewater treatment: Degradation of methylene blue as a model dye. <i>Chemosphere</i> , 2017, 180, 239-246.	4.2	116
21	Identification by Raman microspectroscopy of pigments in seated statues found in the Torreparedones Roman archaeological site (Baena, Spain). <i>Microchemical Journal</i> , 2017, 130, 191-197.	2.3	22
22	Coumarin Derivatives Solvent-Free Synthesis under Microwave Irradiation over Heterogeneous Solid Catalysts. <i>Molecules</i> , 2017, 22, 2072.	1.7	35
23	Etherification of glycerol with tert-butyl alcohol over sulfonated hybrid silicas. <i>Applied Catalysis A: General</i> , 2016, 526, 155-163.	2.2	37
24	Use of Raman spectroscopy for analyzing edible vegetable oils. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 417-430.	3.4	48
25	Use of Raman spectroscopy to assess the efficiency of MgAl mixed oxides in removing cyanide from aqueous solutions. <i>Applied Surface Science</i> , 2016, 364, 428-433.	3.1	26
26	Recent Developments in Phytosterol Recovery from Oil Deodorizer Distillates. <i>Current Nutrition and Food Science</i> , 2015, 11, 4-10.	0.3	3
27	Vibrational spectroscopic study of sol-gel layered double hydroxides containing different tri- and tetravalent cations. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 614-620.	1.1	8
28	Eu ³⁺ @PMO: synthesis, characterization and luminescence properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2909-2917.	2.7	31
29	Evaluation of different bridged organosilicas as efficient adsorbents for the herbicide S-metolachlor. <i>RSC Advances</i> , 2015, 5, 24158-24166.	1.7	4
30	Transformation of 1-hexene on Pt supported ZSM-5 zeolite modified with tin, copper or chromium. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 116, 285-297.	0.8	3
31	Raman microspectroscopic analysis of decorative pigments from the Roman villa of El Ruedo (Almedinilla, Spain). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 16-21.	2.0	24
32	A one-step sulfonic acid PMO as a recyclable acid catalyst. <i>Journal of Catalysis</i> , 2015, 326, 139-148.	3.1	33
33	Characterization of macadamia and pecan oils and detection of mixtures with other edible seed oils by Raman spectroscopy. <i>Grasas Y Aceites</i> , 2015, 66, e094.	0.3	6
34	Raman spectroscopy study of layered-double hydroxides containing magnesium and trivalent metals. <i>Materials Letters</i> , 2014, 120, 193-195.	1.3	31
35	Delaminated layered double hydroxides as catalysts for the Meerwein-Ponndorf-Verley reaction. <i>Applied Catalysis A: General</i> , 2014, 470, 311-317.	2.2	30
36	Evaluation of phenylene-bridged periodic mesoporous organosilica as a stationary phase for solid phase extraction. <i>Journal of Chromatography A</i> , 2014, 1370, 25-32.	1.8	22

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37	Hydrotalcite-supported palladium nanoparticles as catalysts for the Suzuki reaction of aryl halides in water. <i>Applied Catalysis A: General</i> , 2014, 485, 196-201.	2.2	25
38	Pyrrrole PMOs, incorporating new N-heterocyclic compounds on an ethene-PMO through Dielsâ€Alder reactions. <i>Materials Chemistry and Physics</i> , 2014, 148, 403-410.	2.0	10
39	Vulcanized Ethene-PMO: A New Strategy to Create Ultrastable Support Materials and Adsorbents. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17862-17869.	1.5	10
40	Raman spectroscopy study of edible oils and determination of the oxidative stability at frying temperatures. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 1451-1456.	1.0	49
41	Tin-containing hydrotalcite-like compounds as catalysts for the Meerweinâ€Ponndorfâ€Verley reaction. <i>Applied Catalysis A: General</i> , 2014, 469, 367-372.	2.2	32
42	TCE abatement with a plasma-catalytic combined system using MnO ₂ as catalyst. <i>Applied Catalysis B: Environmental</i> , 2014, 156-157, 94-100.	10.8	81
43	Periodic Mesoporous Organosilicas as Catalysts for Organic Reactions. <i>Current Organic Chemistry</i> , 2014, 18, 1280-1295.	0.9	12
44	Near- and mid-infrared spectroscopy of layered double hydroxides containing various di- and tri-valent metals. <i>Journal of Porous Materials</i> , 2013, 20, 351-357.	1.3	11
45	Preparation of Palladium-Supported Periodic Mesoporous Organosilicas and their Use as Catalysts in the Suzuki Cross-Coupling Reaction. <i>Materials</i> , 2013, 6, 1554-1565.	1.3	22
46	Synthesis and characterization of Pd(II) complexes of 2â€ and 3â€ thiophenecarbaldehyde immobilized on silica obtained from sepiolite. <i>Applied Organometallic Chemistry</i> , 2013, 27, 542-545.	1.7	3
47	Transition metal exchanged \hat{I}^2 zeolites: Characterization of the metal state and catalytic application in the methanol conversion to hydrocarbons. <i>Microporous and Mesoporous Materials</i> , 2013, 179, 30-39.	2.2	36
48	Raman microspectroscopy of hydrotalcite-like compounds modified with sulphate and sulphonate organic anions. <i>Journal of Molecular Structure</i> , 2013, 1034, 38-42.	1.8	26
49	Application of Sulfonic Acid Functionalised Hybrid Silicas Obtained by Oxidative Cleavage of Tetrasulfide Bridges as Catalysts in Esterification Reactions. <i>ChemCatChem</i> , 2013, 5, 1002-1010.	1.8	11
50	Adsorption of the herbicide S-Metolachlor on periodic mesoporous organosilicas. <i>Chemical Engineering Journal</i> , 2013, 228, 205-213.	6.6	29
51	Metal-Exchanged \hat{I}^2 Zeolites as Catalysts for the Conversion of Acetone to Hydrocarbons. <i>Materials</i> , 2012, 5, 121-134.	1.3	46
52	Recent Advances in the Heterogeneous Palladium-Catalysed Suzuki Cross-Coupling Reaction. <i>Current Organic Chemistry</i> , 2012, 16, 1128-1150.	0.9	66
53	Enhanced Concentration of Medium Strength BrÃ¶nsted Acid Sites in Aluminium-Modified \hat{I}^2 Zeolite. <i>Catalysis Letters</i> , 2012, 142, 112-117.	1.4	6
54	Formation and functionalization of surface Dielsâ€Alder adducts on ethenylene-bridged periodic mesoporous organosilica. <i>Journal of Materials Chemistry</i> , 2011, 21, 10990.	6.7	37

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55	Thermal behaviour, sulfonation and catalytic activity of phenylene-bridged periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2011, 21, 724-733.	6.7	36
56	Near- and mid-infrared spectroscopy study of synthetic hydrocalumites. <i>Solid State Sciences</i> , 2011, 13, 101-105.	1.5	20
57	Comparison of the thermal and hydrothermal stabilities of ethylene, ethylidene, phenylene and biphenylene bridged periodic mesoporous organosilicas. <i>Materials Letters</i> , 2011, 65, 1460-1462.	1.3	26
58	Selectivity Control in a Microwave Surface-Wave Plasma Reactor for Hydrocarbon Conversion. <i>Plasma Processes and Polymers</i> , 2011, 8, 709-717.	1.6	9
59	Local environment and acidity in alkaline and alkaline-earth exchanged \hat{I}^2 zeolite: Structural analysis and catalytic properties. <i>Microporous and Mesoporous Materials</i> , 2011, 142, 672-679.	2.2	32
60	Near-infrared spectroscopy of palladium-containing layered double hydroxides used as catalysts. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 214-219.	1.9	3
61	Study of organo-hybrid layered double hydroxides by medium and near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 989-995.	2.0	12
62	Synthesis of (E)-nitroalkenes Catalysed by Ethanamine Supported on Silica. <i>Catalysis Letters</i> , 2010, 134, 131-137.	1.4	6
63	Ca/Al Mixed Oxides as Catalysts for the Meerwein-Ponndorf-Verley Reaction. <i>Catalysis Letters</i> , 2010, 136, 192-198.	1.4	21
64	MIR and NIR spectroscopy of sol-gel hydrotalcites with various trivalent cations. <i>Journal of Sol-Gel Science and Technology</i> , 2010, 55, 59-65.	1.1	11
65	Sepiolite as environmental friendly and reusable catalyst for the selective synthesis of (E)-nitrostyrenes. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 99, 303.	0.8	3
66	Influence of the calcination temperature on the nano-structural properties, surface basicity, and catalytic behavior of alumina-supported lanthana samples. <i>Journal of Catalysis</i> , 2010, 272, 121-130.	3.1	81
67	Isolation of sterols from sunflower oil deodorizer distillate. <i>Journal of Food Engineering</i> , 2010, 101, 210-213.	2.7	31
68	Study of the thermal decomposition of a sepiolite by mid- and near-infrared spectroscopies. <i>Polyhedron</i> , 2010, 29, 3046-3051.	1.0	32
69	Transformation of light paraffins in a microwave-induced plasma-based reactor at reduced pressure. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 4111-4122.	3.8	27
70	Valorization of \hat{I}^{\pm} -olefins: Double bond shift and skeletal isomerization of 1-pentene and 1-hexene on zirconia-based catalysts. <i>Catalysis Today</i> , 2010, 149, 275-280.	2.2	20
71	Formation of Stable Nanolayers of Meixnerite via a Combined Delamination-Ion Exchange Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6562-6566.	0.9	5
72	Suzuki cross-coupling reaction of aryl and heterocyclic bromides and aromatic polybromides on a Pd(II)-hydrotalcite catalyst. <i>Applied Organometallic Chemistry</i> , 2008, 22, 122-127.	1.7	17

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73	Suzuki cross-coupling reactions over Pd(II)-hydrotalcite catalysts in water. <i>Journal of Molecular Catalysis A</i> , 2008, 285, 79-83.	4.8	32
74	The Baeyer-Villiger reaction on heterogeneous catalysts. <i>Tetrahedron</i> , 2008, 64, 2011-2026.	1.0	110
75	Effect of the impregnation order on the nature of metal particles of bi-functional Pt/Pd-supported zeolite Beta materials and on their catalytic activity for the hydroisomerization of alkanes. <i>Journal of Catalysis</i> , 2008, 254, 12-26.	3.1	60
76	Heterogeneous Catalysis in the Meerwein-Ponndorf-Verley Reduction of Carbonyl Compounds. <i>Current Organic Chemistry</i> , 2007, 11, 1113-1125.	0.9	67
77	Meerwein-Ponndorf-Verley reaction of acetophenones with 2-propanol over MgAl mixed oxide: The substituent effect. <i>Catalysis Communications</i> , 2007, 8, 1036-1040.	1.6	33
78	Heterogeneous Baeyer-Villiger oxidation of ketones with H ₂ O ₂ /nitrile, using Mg/Al hydrotalcite as catalyst. <i>Tetrahedron</i> , 2007, 63, 1435-1439.	1.0	54
79	Transformation of α -olefins over Pt-M (M=Re, Sn, Ge) supported chlorinated alumina. <i>Fuel</i> , 2007, 86, 1000-1007.	3.4	12
80	Excited-state equilibration in a meso-/microporous material-hosted bichromophoric [Ruthenium (2,2'-bipyridine) ₃] ²⁺ : Reversible energy transfer and photosensitized electron pumping. <i>Inorganica Chimica Acta</i> , 2007, 360, 987-994.	1.2	18
81	Influence of pH and Si content on Si incorporation in SAPO-5 and their catalytic activity for isomerisation of n-heptane over Pt loaded catalysts. <i>Microporous and Mesoporous Materials</i> , 2007, 99, 288-298.	2.2	64
82	Environmentally friendly Baeyer-Villiger oxidation with H ₂ O ₂ /nitrile over Mg(OH) ₂ and MgO. <i>Applied Catalysis B: Environmental</i> , 2007, 72, 18-25.	10.8	56
83	Metal hydroxides as catalysts for the Baeyer-Villiger oxidation of cyclohexanone with hydrogen peroxide. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 90, 309-313.	0.6	8
84	Suzuki cross-coupling reaction over a palladium-pyridine complex immobilized on hydrotalcite. <i>Catalysis Communications</i> , 2006, 7, 1025-1028.	1.6	27
85	Baeyer-Villiger oxidation of cyclohexanone with hydrogen peroxide/benzonitrile over hydrotalcites as catalysts. <i>Applied Catalysis A: General</i> , 2006, 312, 86-94.	2.2	66
86	Heterogeneous Suzuki cross-coupling reactions over palladium/hydrotalcite catalysts. <i>Journal of Colloid and Interface Science</i> , 2006, 302, 568-575.	5.0	48
87	Suzuki cross-coupling reaction of fluorobenzene with heterogeneous palladium catalysts. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 443-445.	0.9	28
88	Palladium supported on hydrotalcite as a catalyst for the Suzuki cross-coupling reaction. <i>Tetrahedron</i> , 2006, 62, 2922-2926.	1.0	39
89	Hydrotalcites as catalysts for the Baeyer-Villiger oxidation of acyclic ketones with hydrogen peroxide/benzonitrile. <i>Tetrahedron</i> , 2006, 62, 11697-11703.	1.0	45
90	Reduction of heterocyclic carboxaldehydes via Meerwein-Ponndorf-Verley reaction. <i>Applied Catalysis A: General</i> , 2006, 303, 23-28.	2.2	30

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91	Reduction of ketones and aldehydes to alcohols with magnesiumâ€“aluminium mixed oxide and 2-propanol. <i>Journal of Molecular Catalysis A</i> , 2006, 246, 190-194.	4.8	49
92	Influence of acidity and pore geometry on the product distribution in the hydroisomerization of light paraffins on zeolites. <i>Applied Catalysis A: General</i> , 2005, 288, 104-115.	2.2	78