# Manuel Mora MÃ¡rquez

List of Publications by Year
in descending order



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|---|---|---|---|
| 36 papers | 963 citations | 361296 20 h-index | 434063 31 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1433 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Microwave atmospheric pressure plasma jets for wastewater treatment: Degradation of methylene blue as a model dye. Chemosphere, 2017, 180, 239-246. | 4.2 | 116 |
| 2 | Influence of the calcination temperature on the nano-structural properties, surface basicity, and catalytic behavior of alumina-supported lanthana samples. Journal of Catalysis, 2010, 272, 121-130. | 3.1 | 81 |
| 3 | TCE abatement with a plasma-catalytic combined system using MnO2 as catalyst. Applied Catalysis B: Environmental, 2014, 156-157, 94-100. | 10.8 | 81 |
| 4 | Recent Advances in the Heterogeneous Palladium-Catalysed Suzuki Cross-Coupling Reaction. Current Organic Chemistry, 2012, 16, 1128-1150. | 0.9 | 66 |
| 5 | Heterogeneous Suzuki cross-coupling reactions over palladium/hydrotalcite catalysts. Journal of Colloid and Interface Science, 2006, 302, 568-575. | 5.0 | 48 |
| 6 | Post plasma-catalysis for trichloroethylene decomposition over CeO2 catalyst: Synergistic effect and stability test. Applied Catalysis B: Environmental, 2019, 253, 49-59. | 10.8 | 45 |
| 7 | Slow pyrolysis of relevant biomasses in the Mediterranean basin. Part 2. Char characterisation for carbon sequestration and agricultural uses. Journal of Cleaner Production, 2016, 120, 191-197. | 4.6 | 44 |
| 8 | Palladium supported on hydrotalcite as a catalyst for the Suzuki cross-coupling reaction. Tetrahedron, 2006, 62, 2922-2926. | 1.0 | 39 |
| 9 | Suzuki cross-coupling reactions over Pd(II)-hydrotalcite catalysts in water. Journal of Molecular Catalysis A, 2008, 285, 79-83. | 4.8 | 32 |
| 10 | Study of the thermal decomposition of a sepiolite by mid- and near-infrared spectroscopies. Polyhedron, 2010, 29, 3046-3051. | 1.0 | 32 |
| 11 | Raman spectroscopy study of layered-double hydroxides containing magnesium and trivalent metals. Materials Letters, 2014, 120, 193-195. | 1.3 | 31 |
| 12 | Suzuki cross-coupling reaction of fluorobenzene with heterogeneous palladium catalysts. Journal of Fluorine Chemistry, 2006, 127, 443-445. | 0.9 | 28 |
| 13 | Suzuki cross-coupling reaction over a palladiumâ€“pyridine complex immobilized on hydrotalcite. Catalysis Communications, 2006, 7, 1025-1028. | 1.6 | 27 |
| 14 | Transformation of light paraffins in a microwave-induced plasma-based reactor at reduced pressure. International Journal of Hydrogen Energy, 2010, 35, 4111-4122. | 3.8 | 27 |
| 15 | Raman microspectroscopy of hydrotalcite-like compounds modified with sulphate and sulphonate organic anions. Journal of Molecular Structure, 2013, 1034, 38-42. | 1.8 | 26 |
| 16 | Hydrotalcite-supported palladium nanoparticles as catalysts for the Suzuki reaction of aryl halides in water. Applied Catalysis A: General, 2014, 485, 196-201. | 2.2 | 25 |
| 17 | Raman microspectroscopic analysis of decorative pigments from the Roman villa of El Ruedo (Almedinilla, Spain). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 16-21. | 2.0 | 24 |
| 18 | Preparation of Palladium-Supported Periodic Mesoporous Organosilicas and their Use as Catalysts in the Suzuki Cross-Coupling Reaction. Materials, 2013, 6, 1554-1565. | 1.3 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ca/Al Mixed Oxides as Catalysts for the Meerweinâ€“Ponndorfâ€“Verley Reaction. Catalysis Letters, 2010, 136, 192-198. | 1.4 | 21 |
| 20 | Near- and mid-infrared spectroscopy study of synthetic hydrocalumites. Solid State Sciences, 2011, 13, 101-105. | 1.5 | 20 |
| 21 | Suzuki crossâ€coupling reaction of aryl and heterocyclic bromides and aromatic polybromides on a Pd(II)â€hydrotalcite catalyst. Applied Organometallic Chemistry, 2008, 22, 122-127. | 1.7 | 17 |
| 22 | Trabajando el acercamiento a la naturaleza de los niÃ±os y niÃ±as en el Grado de EducaciÃ³n Infantil. Crucial en la sociedad actual. Revista Eureka Sobre EnseÃ±anza Y DivulgaciÃ³n De Las Ciencias, 2017, 14, 258-270. | 0.2 | 13 |
| 23 | Study of organo-hybrid layered double hydroxides by medium and near infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 989-995. | 2.0 | 12 |
| 24 | MIR and NIR spectroscopy of solâ€“gel hydrotalcites with various trivalent cations. Journal of Sol-Gel Science and Technology, 2010, 55, 59-65. | 1.1 | 11 |
| 25 | Near- and mid-infrared spectroscopy of layered double hydroxides containing various di- and tri-valent metals. Journal of Porous Materials, 2013, 20, 351-357. | 1.3 | 11 |
| 26 | Preparation and characterization of Pt-modified Co-based catalysts through the microemulsion technique: Preliminary results on the Fischerâ€“Tropsch synthesis. Catalysis Today, 2014, 223, 66-75. | 2.2 | 10 |
| 27 | Obesity, Body Fat Distribution, and Physical Activity in School-age Children: an Urban and Rural Comparison in ValparaÃso, Chile. Biomedical and Environmental Sciences, 2016, 29, 834-839. | 0.2 | 10 |
| 28 | Selectivity Control in a Microwave Surfaceâ€Wave Plasma Reactor for Hydrocarbon Conversion. Plasma Processes and Polymers, 2011, 8, 709-717. | 1.6 | 9 |
| 29 | Classcraft: English and role play in the primary school classroom. Apertura, 2019, 11, 56-73. | 0.2 | 8 |
| 30 | Synthesis of (E)-nitroalkenes Catalysed by Ethanolamine Supported on Silica. Catalysis Letters, 2010, 134, 131-137. | 1.4 | 6 |
| 31 | Formation of Stable Nanolayers of Meixnerite via a Combined Delamination-Ion Exchange Process. Journal of Nanoscience and Nanotechnology, 2010, 10, 6562-6566. | 0.9 | 5 |
| 32 | Â¿Son los huertos escolares en educaciÃ³n infantil una realidad o una innovaciÃ³n educativa? Estudio de centros escolares de la ciudad de CÃ³rdoba (EspaÃ±a) y propuestas de cambio desde la Universidad. DidÃctica De Las Ciencias Experimentales Y Sociales, 2019, , 79. | 0.3 | 4 |
| 33 | Sepiolite as environmental friendly and reusable catalyst for the selective synthesis of (E)-nitrostyrenes. Reaction Kinetics, Mechanisms and Catalysis, 2010, 99, 303. | 0.8 | 3 |
| 34 | Near-infrared spectroscopy of palladium-containing layered double hydroxides used as catalysts. Journal of Physics and Chemistry of Solids, 2011, 72, 214-219. | 1.9 | 3 |
| 35 | Synthesis and characterization of Pd(II) complexes of 2â€•and 3â€thiophenecarbaldehyde immobilized on silica obtained from sepiolite. Applied Organometallic Chemistry, 2013, 27, 542-545. | 1.7 | 3 |
| 36 | Preparation of graphene-based nanomaterials by pulsed RF discharges on liquid organic compounds. Journal Physics D: Applied Physics, 2020, 53, 435202. | 1.3 | 3 |