# Jamal El Haskouri

List of Publications by Year
in descending order



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|---|---|---|---|
| 88 papers | 2,539 citations | 236925 25 h-index | 206112 48 g-index |
| 89 all docs | 89 docs citations | 89 times ranked | 2479 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Surfactant-Assisted Synthesis of Mesoporous Alumina Showing Continuously Adjustable Pore Sizes. Advanced Materials, 1999, 11, 379-381. | 21.0 | 241 |
| 2 | Generalised syntheses of ordered mesoporous oxides: the atrane route. Solid State Sciences, 2000, 2, 405-420. | 3.2 | 208 |
| 3 | Silica-based powders and monoliths with bimodal pore systemsElectronic supplementary information (ESI) available: UVâ€“Vis spectrum of sample 3. See http://www.rsc.org/suppdata/cc/b1/b110883b/. Chemical Communications, 2002, , 330-331. | 4.1 | 152 |
| 4 | A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. Advanced Materials, 2002, 14, 966-969. | 21.0 | 129 |
| 5 | A Mesoporous 3D Hybrid Material with Dual Functionality for Hg<sup>2+</sup> Detection and Adsorption. Chemistry - A European Journal, 2008, 14, 8267-8278. | 3.3 | 123 |
| 6 | Enhanced surface area in thermally stable pure mesoporous TiO2. Solid State Sciences, 2000, 2, 513-518. | 3.2 | 97 |
| 7 | A new method for fluoride determination by using fluorophores and dyes anchored onto MCM-41Electronic supplementary information (ESI) available: IR spectra, SEM images, X-ray diffraction patterns and TG/TD analysis. See http://www.rsc.org/suppdata/cc/b1/b111128k/. Chemical Communications, 2002, , 562-563. | 4.1 | 80 |
| 8 | S+I-Ionic Formation Mechanism to New Mesoporous Aluminum Phosphonates and Diphosphonates. Chemistry of Materials, 2004, 16, 4359-4372. | 6.7 | 73 |
| 9 | Ordered Mesoporous Silicon Oxynitrides. Advanced Materials, 2001, 13, 192-195. | 21.0 | 66 |
| 10 | Nanoparticulated Silicas with Bimodal Porosity: Chemical Control of the Pore Sizes. Inorganic Chemistry, 2008, 47, 8267-8277. | 4.0 | 63 |
| 11 | A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. Advanced Materials, 2002, 14, 966-969. | 21.0 | 63 |
| 12 | Atrane Precursors in the One-Pot Surfactant-Assisted Synthesis of High Zirconium Content Porous Silicas. Chemistry of Materials, 2002, 14, 5015-5022. | 6.7 | 58 |
| 13 | Interface Charge Density Matching as Driving Force for New Mesostructured Oxovanadium Phosphates with Hexagonal Structure, [CTA]xVOPO4Â·zH2O. Chemistry of Materials, 1999, 11, 1446-1454. | 6.7 | 55 |
| 14 | High Cobalt Content Mesoporous Silicas. Chemistry of Materials, 2004, 16, 2805-2813. | 6.7 | 55 |
| 15 | The First Pure Mesoporous Aluminium Phosphonates and Diphosphonatesâ€' New Hybrid Porous Materials. European Journal of Inorganic Chemistry, 2004, 2004, 1804-1807. | 2.0 | 53 |
| 16 | Total oxidation of VOCs on Au nanoparticles anchored on Co doped mesoporous UVM-7 silica. Chemical Engineering Journal, 2012, 187, 391-400. | 12.7 | 44 |
| 17 | Very high titanium content mesoporous silicas. Chemical Communications, 2001, , 309-310. | 4.1 | 43 |
| 18 | Hierarchical Porous Nanosized Organosilicas. Chemistry of Materials, 2002, 14, 4502-4504. | 6.7 | 42 |

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|---|---|---|---|
| 19 | Study of silica-structured materials as sorbents for organophosphorus pesticides determination in environmental water samples. Talanta, 2018, 189, 560-567. | 5.5 | 39 |
| 20 | Biomimetic chitosan-mediated synthesis in heterogeneous phase of bulk and mesoporous silica nanoparticles. Chemical Communications, 2009, , 2694. | 4.1 | 36 |
| 21 | Surfactant-Assisted Synthesis of the SBA-8 Mesoporous Silica by Using Nonrigid Commercial Alkyltrimethyl Ammonium Surfactants. Chemistry of Materials, 2002, 14, 2637-2643. | 6.7 | 35 |
| 22 | Tuning the pore size from micro- to meso-porous in thermally stable aluminophosphates. Chemical Communications, 1999, , 333-334. | 4.1 | 30 |
| 23 | Towards the Loewenstein limit (Si/Al=1) in thermally stable mesoporous aluminosilicates. Chemical Communications, 1999, , 1679-1680. | 4.1 | 29 |
| 24 | A new efficient, highly dispersed, Pd nanoparticulate silica supported catalyst synthesized from an organometallic precursor. Study of the homogeneous vs. heterogeneous activity in the Suzuki-Miyaura reaction. Journal of Catalysis, 2018, 367, 283-295. | 6.2 | 29 |
| 25 | Refractive index controlled by film morphology and free carrier density in undoped ZnO through sol-pH variation. Optik, 2018, 158, 1139-1146. | 2.9 | 28 |
| 26 | Improving epoxide production using Ti-UVM-7 porous nanosized catalysts. New Journal of Chemistry, 2002, 26, 1093-1095. | 2.8 | 26 |
| 27 | Mesosynthesis of ZnOâ€“SiO<sub>2</sub>porous nanocomposites with low-defect ZnO nanometric domains. Nanotechnology, 2008, 19, 225603. | 2.6 | 25 |
| 28 | Nanosized Mesoporous Silica Coatings on Ceramic Foams:Â New Hierarchical Rigid Monoliths. Chemistry of Materials, 2007, 19, 1082-1088. | 6.7 | 24 |
| 29 | Direct oxidation of isobutane to methacrolein over V-MCM-41 catalysts. Catalysis Today, 2004, 91-92, 43-47. | 4.4 | 23 |
| 30 | Interconnected mesopores and high accessibility in UVM-7-like silicas. Journal of Nanoparticle Research, 2012, 14, 1. | 1.9 | 23 |
| 31 | Ordered mesoporous materials: composition and topology control through chemistry. Solid State Sciences, 2001, 3, 1157-1163. | 0.7 | 22 |
| 32 | Oxidative dehydrogenation of isobutane over Co-MCM-41 catalysts. Catalysis Today, 2004, 91-92, 127-130. | 4.4 | 22 |
| 33 | New heterogeneous catalysts for greener routes in the synthesis of fine chemicals. Journal of Catalysis, 2007, 251, 388-399. | 6.2 | 22 |
| 34 | Magnetic and structural approach for understanding the electrochemical behavior of LiNi0.33Co0.33Mn0.33O2 positive electrode material. Electrochimica Acta, 2013, 111, 567-574. | 5.2 | 21 |
| 35 | New multicomponent catalysts for the selective aerobic oxidative condensation of benzylamine to N-benzylidenebenzylamine. Catalysis Science and Technology, 2014, 4, 4340-4355. | 4.1 | 21 |
| 36 | Optical properties of exciton confinement in spherical ZnO quantum dots embedded in matrix. Superlattices and Microstructures, 2009, 46, 907-916. | 3.1 | 20 |

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| 37 | Phosphorylated micro- vs. nano-cellulose: a comparative study on their surface functionalisation, growth of titanium-oxo-phosphate clusters and removal of chemical pollutants. New Journal of Chemistry, 2019, 43, 15555-15562. | 2.8 | 20 |
| 38 | Extraction of aflatoxins by using mesoporous silica (type UVM-7), and their quantitation by HPLC-MS. Mikrochimica Acta, 2019, 186, 792. | 5.0 | 20 |
| 39 | Stable anchoring of dispersed gold nanoparticles on hierarchic porous silica-based materials. Journal of Materials Chemistry, 2010, 20, 6780. | 6.7 | 19 |
| 40 | In situ growth of metal-organic framework HKUST-1 in an organic polymer as sorbent for nitrated and oxygenated polycyclic aromatic hydrocarbon in environmental water samples prior to quantitation by HPLC-UV. Mikrochimica Acta, 2020, 187, 301. | 5.0 | 18 |
| 41 | ZnO nanoparticles embedded in UVM-7-like mesoporous silica materials: Synthesis and characterization. Physica E: Low-Dimensional Systems and Nanostructures, 2009, 42, 25-31. | 2.7 | 17 |
| 42 | Design, characterization and comparison of materials based on Î² and Î³ cyclodextrin covalently connected to microporous silica for environmental analysis. Journal of Chromatography A, 2018, 1563, 10-19. | 3.7 | 17 |
| 43 | Synthesis of a New Mesostructured Lamellar Oxovanadium Phosphate Assembled through an S+X-I0 Mechanism. Inorganic Chemistry, 1999, 38, 4243-4248. | 4.0 | 13 |
| 44 | Mesoporous iron phosphate/phosphonate hybrid materials. Microporous and Mesoporous Materials, 2014, 187, 14-22. | 4.4 | 13 |
| 45 | Synthesis, characterization and catalytic behavior of SnTf/MCM-41 and SnTf/UVM-7 as new green catalysts for etherification reactions. Journal of Materials Science, 2009, 44, 6693-6700. | 3.7 | 12 |
| 46 | The Li Ni0.2Mn0.2Co0.6O2 electrode materials: A structural and magnetic study. Materials Research Bulletin, 2012, 47, 1004-1009. | 5.2 | 12 |
| 47 | Solid-phase extraction of phospholipids using mesoporous silica nanoparticles: application to human milk samples. Analytical and Bioanalytical Chemistry, 2018, 410, 4847-4854. | 3.7 | 12 |
| 48 | Comparison of silica-based materials for organophosphorus pesticides sampling and occupational risk assessment. Analytica Chimica Acta, 2020, 1110, 26-34. | 5.4 | 12 |
| 49 | Mesoporous silica sorbent with gold nanoparticles for solid-phase extraction of organochlorine pesticides in water samples. Journal of Chromatography A, 2022, 1662, 462729. | 3.7 | 12 |
| 50 | Combination of silica nanoparticles with hydroxyapatite reinforces poly (<scp>l</scp>-lactide acid) scaffolds without loss of bioactivity. Journal of Bioactive and Compatible Polymers, 2014, 29, 15-31. | 2.1 | 11 |
| 51 | Supramolecular self-assembling in mesostructured materials through charge tuning in the inorganic phase. Chemical Communications, 1998, , 1883-1884. | 4.1 | 10 |
| 52 | Enhancing extraction performance of organophosphorus flame retardants in water samples using titanium hierarchical porous silica materials as sorbents. Journal of Chromatography A, 2021, 1639, 461938. | 3.7 | 10 |
| 53 | One-Pot Synthesis of Superparamagnetic CoO-MCM-41 Nanocomposites with Uniform and Highly Dispersed Magnetic Nanoclusters. European Journal of Inorganic Chemistry, 2004, 2004, 1799-1803. | 2.0 | 9 |
| 54 | Efficient Sc triflate mesoporous-based catalysts for the synthesis of 4,4â€²-methylenedianiline from aniline and 4-aminobenzylalcohol. Journal of Catalysis, 2012, 287, 76-85. | 6.2 | 9 |

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| 55 | Highly Active Hydrogenation Catalysts Based on Pd Nanoparticles Dispersed along Hierarchical Porous Silica Covered with Polydopamine as Interfacial Glue. Catalysts, 2020, 10, 449. | 3.5 | 9 |
| 56 | Ni/Zn Layered Double Hydroxide (LDH) Micro/Nanosystems and Their Azorubine Adsorption Performance. Applied Sciences (Switzerland), 2021, 11, 8899. | 2.5 | 9 |
| 57 | Spectroscopic characterization and binding interaction of heavy metal onto the surface receptor of the azobenzene: DFT and experimental approach. Journal of Molecular Structure, 2021, 1244, 130962. | 3.6 | 9 |
| 58 | Metal Triflates Incorporated in Mesoporous Catalysts for Green Synthesis of Fine Chemicals. Topics in Catalysis, 2009, 52, 571-578. | 2.8 | 8 |
| 59 | Lowâ€Cost Synthesis of Bimodal Mesoporous Silicaâ€Based Materials by Pseudomorphic Transformation. ChemPlusChem, 2015, 80, 1014-1028. | 2.8 | 8 |
| 60 | Precatalyst or dosing-device? The [Pd2{Î¼-(C6H4) PPh2}2{Î¼-O2C(C6H5)}2] complex anchored on a carboxypolystyrene polymer as an effective supplier of palladium catalytically active nanoparticles for the Suzuki-Miyaura reaction. Journal of Catalysis, 2020, 381, 26-37. | 6.2 | 8 |
| 61 | Phosphorylation triggered growth of metal phosphate on halloysite and sepiolite nanoparticles: preparation, entrapment in chitosan hydrogels and application as recyclable scavengers. New Journal of Chemistry, 2020, 44, 14136-14144. | 2.8 | 8 |
| 62 | Optical properties of GaSe, characterization and simulation. Materials Today: Proceedings, 2021, 37, 3789-3792. | 1.8 | 8 |
| 63 | Mesoporous aluminum phosphite. Journal of Solid State Chemistry, 2009, 182, 2122-2129. | 2.9 | 7 |
| 64 | Synthesis, characterization and catalytic behavior of AlTf/UVM-7 as new green catalysts for the glycols etherification reactions. Applied Catalysis A: General, 2010, 372, 58-66. | 4.3 | 7 |
| 65 | AlTf-UVM-7â€"Highly active catalysts for the synthesis of long chain symmetrical ethers and non-ionic surfactant structures. Chemical Engineering Journal, 2010, 161, 363-370. | 12.7 | 7 |
| 66 | Energy of excitons and acceptorâ€"exciton complexes to explain the origin of ultraviolet photoluminescence in ZnO quantum dots embedded in a SiO2 matrix. Solid State Communications, 2011, 151, 822-825. | 1.9 | 7 |
| 67 | Assessment of migrating endocrine-disrupting chemicals in bottled acidic juice using type UVM-7 mesoporous silica modified with cyclodextrin. Food Chemistry, 2022, 380, 132207. | 8.2 | 7 |
| 68 | Mesoporous Tin-Triflate Based Catalysts for Transesterification of Sunflower Oil. Topics in Catalysis, 2010, 53, 763-772. | 2.8 | 6 |
| 69 | Atrane complexes chemistry as a tool for obtaining trimodal UVM-7-like porous silica. Journal of Coordination Chemistry, 2018, 71, 776-785. | 2.2 | 6 |
| 70 | Mesoporous silica microparticles gated with a bulky azo derivative for the controlled release of dyes/drugs in colon. Royal Society Open Science, 2018, 5, 180873. | 2.4 | 6 |
| 71 | Niâ€"Zn hydroxide-based bi-phase multiscale porous nanohybrids: physico-chemical properties. Applied Nanoscience (Switzerland), 2020, 10, 2467-2477. | 3.1 | 6 |
| 72 | A Î²-cyclodextrin sorbent based on hierarchical mesoporous silica for the determination of endocrine-disrupting chemicals in urine samples. Journal of Chromatography A, 2022, 1671, 463007. | 3.7 | 5 |

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| 73 | Layered-Expanded Mesostructured Silicas: Generalized Synthesis and Functionalization. Nanomaterials, 2018, 8, 817. | 4.1 | 4 |
| 74 | Use of Silica Based Materials as Modulators of the Lipase Catalyzed Hydrolysis of Fats under Simulated Duodenal Conditions. Nanomaterials, 2020, 10, 1927. | 4.1 | 4 |
| 75 | New sonochemical magnetite nanoparticles functionalization approach of dithiooxamideâ€"formaldehyde developed cellulose: From easy synthesis to recyclable 4â€nitrophenol reduction. Applied Organometallic Chemistry, 2021, 35, e6257. | 3.5 | 4 |
| 76 | Structural and optical properties of a layered Îµ-GaSe thin film under elastic deformation from flexible PET substrate. Superlattices and Microstructures, 2022, 163, 107152. | 3.1 | 4 |
| 77 | Generalized â€œone-potâ€•preparative strategy to obtain highly functionalized silica-based mesoporous spherical particles. Microporous and Mesoporous Materials, 2022, 337, 111942. | 4.4 | 4 |
| 78 | Control of the pore wall thickness and thermal stability in low-cost bimodal porous silicas. Polyhedron, 2019, 170, 544-552. | 2.2 | 3 |
| 79 | Not always what closes best opens better: mesoporous nanoparticles capped with organic gates. Science and Technology of Advanced Materials, 2019, 20, 699-709. | 6.1 | 3 |
| 80 | High content and dispersion of Gd in bimodal porous silica: T2 contrast agents under ultra-high magnetic fields. Microporous and Mesoporous Materials, 2022, 336, 111863. | 4.4 | 3 |
| 81 | A type UVM-7 mesoporous silica with Î³-cyclodextrin for the isolation of three veterinary antibiotics (ofloxacin, norfloxacin, and ciprofloxacin) from different fat-rate milk samples. Journal of Food Composition and Analysis, 2022, 109, 104463. | 3.9 | 3 |
| 82 | Peptideâ€Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. ChemistrySelect, 2020, 5, 3618-3625. | 1.5 | 2 |
| 83 | A review on LiNixCo1â^'2xMnxO2 (0.1â€¯â‰¤â€¯xâ€¯â‰¤â€¯0.33) cathode materials for rechargeable Li-ion batteries. Materials Today: Proceedings, 2021, 37, 3921-3927. | 1.8 | 2 |
| 84 | Gold nanoparticles grown on a hydrophobic and texturally tunable PDMS-like framework. New Journal of Chemistry, 2021, 45, 10232-10239. | 2.8 | 2 |
| 85 | Chromogenic Chemodosimeter Based on Capped Silica Particles to Detect Spermine and Spermidine. Nanomaterials, 2021, 11, 818. | 4.1 | 2 |
| 86 | Nitroarene hydrogenation catalysts based on Pd nanoparticles glued with PDA on inorganic supports: Multivariate Curve Resolution as an useful tool to compare the catalytic activity in multi-step reactions. Applied Catalysis A: General, 2021, 619, 118125. | 4.3 | 2 |
| 87 | Enhanced manganese content in Mn-MCM-41 mesoporous silicas. European Physical Journal Special Topics, 2005, 123, 65-69. | 0.2 | 0 |
| 88 | Iron-Doped Bimodal Mesoporous Silica Nanomaterials as Sorbents for Solid-Phase Extraction of Perfluoroalkyl Substances in Environmental Water Samples. Nanomaterials, 2022, 12, 1441. | 4.1 | 0 |