Jamal El Haskouri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6651944/publications.pdf

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Optical properties of GaSe, characterization and simulation. Materials Today: Proceedings, 2021, 37, 3789-3792.	1.8	8
10	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
11	Gold nanoparticles grown on a hydrophobic and texturally tunable PDMS-like framework. New Journal of Chemistry, 2021, 45, 10232-10239.	2.8	2
12	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
13	Chromogenic Chemodosimeter Based on Capped Silica Particles to Detect Spermine and Spermidine. Nanomaterials, 2021, 11, 818.	4.1	2
14	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
15	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
16	Ni/Zn Layered Double Hydroxide (LDH) Micro/Nanosystems and Their Azorubine Adsorption Performance. Applied Sciences (Switzerland), 2021, 11, 8899.	2.5	9
17	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
18	Niâ€“Zn hydroxide-based bi-phase multiscale porous nanohybrids: physico-chemical properties. Applied Nanoscience (Switzerland), 2020, 10, 2467-2477.	3.1	6

#	Article	IF	Citations
19	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
20	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
21	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
22	Peptideâ€Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. ChemistrySelect, 2020, 5, 3618-3625.	1.5	2
23	Comparison of silica-based materials for organophosphorus pesticides sampling and occupational risk assessment. Analytica Chimica Acta, 2020, 1110, 26-34.	5.4	12
24	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
25	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
26	Control of the pore wall thickness and thermal stability in low-cost bimodal porous silicas. Polyhedron, 2019, 170, 544-552.	2.2	3
27	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
28	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
29	Extraction of aflatoxins by using mesoporous silica (type UVM-7), and their quantitation by HPLC-MS. Mikrochimica Acta, 2019, 186, 792.	5.0	20
30	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
31	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
32	Layered-Expanded Mesostructured Silicas: Generalized Synthesis and Functionalization. Nanomaterials, 2018, 8, 817.	4.1	4
33	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
34	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
35	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
36	Study of silica-structured materials as sorbents for organophosphorus pesticides determination in environmental water samples. Talanta, 2018, 189, 560-567.	5.5	39

#	Article	IF	Citations
37	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
38	Lowâ€Cost Synthesis of Bimodal Mesoporous Silicaâ€Based Materials by Pseudomorphic Transformation. ChemPlusChem, 2015, 80, 1014-1028.	2.8	8
39	Mesoporous iron phosphate/phosphonate hybrid materials. Microporous and Mesoporous Materials, 2014, 187, 14-22.	4.4	13
40	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
41	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
42	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
43	Interconnected mesopores and high accessibility in UVM-7-like silicas. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	23
44	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
45	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
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	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
48	Mesoporous Tin-Triflate Based Catalysts for Transesterification of Sunflower Oil. Topics in Catalysis, 2010, 53, 763-772.	2.8	6
49	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
50	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
51	Stable anchoring of dispersed gold nanoparticles on hierarchic porous silica-based materials. Journal of Materials Chemistry, 2010, 20, 6780.	6.7	19
52	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
53	Metal Triflates Incorporated in Mesoporous Catalysts for Green Synthesis of Fine Chemicals. Topics in Catalysis, 2009, 52, 571-578.	2.8	8
54	Optical properties of exciton confinement in spherical ZnO quantum dots embedded in matrix. Superlattices and Microstructures, 2009, 46, 907-916.	3.1	20

#	Article	IF	Citations
55	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
56	Mesoporous aluminum phosphite. Journal of Solid State Chemistry, 2009, 182, 2122-2129.	2.9	7
57	Biomimetic chitosan-mediated synthesis in heterogeneous phase of bulk and mesoporous silica nanoparticles. Chemical Communications, 2009, , 2694.	4.1	36
58	A Mesoporous 3D Hybrid Material with Dual Functionality for Hg²⁺ Detection and Adsorption. Chemistry - A European Journal, 2008, 14, 8267-8278.	3.3	123
59	Nanoparticulated Silicas with Bimodal Porosity: Chemical Control of the Pore Sizes. Inorganic Chemistry, 2008, 47, 8267-8277.	4.0	63
60	Mesosynthesis of ZnOâ€“SiO₂porous nanocomposites with low-defect ZnO nanometric domains. Nanotechnology, 2008, 19, 225603.	2.6	25
61	Nanosized Mesoporous Silica Coatings on Ceramic Foams:Â New Hierarchical Rigid Monoliths. Chemistry of Materials, 2007, 19, 1082-1088.	6.7	24
62	New heterogeneous catalysts for greener routes in the synthesis of fine chemicals. Journal of Catalysis, 2007, 251, 388-399.	6.2	22
63	Enhanced manganese content in Mn-MCM-41 mesoporous silicas. European Physical Journal Special Topics, 2005, 123, 65-69.	0.2	0
64	Direct oxidation of isobutane to methacrolein over V-MCM-41 catalysts. Catalysis Today, 2004, 91-92, 43-47.	4.4	23
65	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
66	The First Pure Mesoporous Aluminium Phosphonates and Diphosphonatesâ˜† New Hybrid Porous Materials. European Journal of Inorganic Chemistry, 2004, 2004, 1804-1807.	2.0	53
67	Oxidative dehydrogenation of isobutane over Co-MCM-41 catalysts. Catalysis Today, 2004, 91-92, 127-130.	4.4	22
68	High Cobalt Content Mesoporous Silicas. Chemistry of Materials, 2004, 16, 2805-2813.	6.7	55
69	S+I-Ionic Formation Mechanism to New Mesoporous Aluminum Phosphonates and Diphosphonates. Chemistry of Materials, 2004, 16, 4359-4372.	6.7	73
70	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
71	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
72	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

#	Article	IF	Citations
73	Improving epoxide production using Ti-UVM-7 porous nanosized catalysts. New Journal of Chemistry, 2002, 26, 1093-1095.	2.8	26
74	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
75	Hierarchical Porous Nanosized Organosilicas. Chemistry of Materials, 2002, 14, 4502-4504.	6.7	42
76	A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. Advanced Materials, 2002, 14, 966-969.	21.0	129
77	A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. Advanced Materials, 2002, 14, 966-969.	21.0	63
78	Ordered mesoporous materials: composition and topology control through chemistry. Solid State Sciences, 2001, 3, 1157-1163.	0.7	22
79	Very high titanium content mesoporous silicas. Chemical Communications, 2001, , 309-310.	4.1	43
80	Ordered Mesoporous Silicon Oxynitrides. Advanced Materials, 2001, 13, 192-195.	21.0	66
81	Enhanced surface area in thermally stable pure mesoporous TiO2. Solid State Sciences, 2000, 2, 513-518.	3.2	97
82	Generalised syntheses of ordered mesoporous oxides: the atrane route. Solid State Sciences, 2000, 2, 405-420.	3.2	208
83	Surfactant-Assisted Synthesis of Mesoporous Alumina Showing Continuously Adjustable Pore Sizes. Advanced Materials, 1999, 11, 379-381.	21.0	241
84	Towards the Loewenstein limit (Si/Al=1) in thermally stable mesoporous aluminosilicates. Chemical Communications, 1999, , 1679-1680.	4.1	29
85	Tuning the pore size from micro- to meso-porous in thermally stable aluminophosphates. Chemical Communications, 1999, , 333-334.	4.1	30
86	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
87	Synthesis of a New Mesostructured Lamellar Oxovanadium Phosphate Assembled through an S+X-I0 Mechanism. Inorganic Chemistry, 1999, 38, 4243-4248.	4.0	13
88	Supramolecular self-assembling in mesostructured materials through charge tuning in the inorganic phase. Chemical Communications, 1998, , 1883-1884.	4.1	10