

Morteza Moradi

List of Publications by Year in descending order

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67
papers

1,929
citations

201674

27
h-index

276875

41
g-index

68
all docs

68
docs citations

68
times ranked

1865
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of surfactant assisted dispersive liquid-liquid microextraction for sample preparation of chlorophenols in water samples. <i>Talanta</i> , 2010, 82, 1864-1869.	5.5	172
2	CoxZn _{1-x} ZIF-derived binary Co ₃ O ₄ /ZnO wrapped by 3D reduced graphene oxide for asymmetric supercapacitor: Comparison of pure and heat-treated bimetallic MOF. <i>Ceramics International</i> , 2017, 43, 14413-14425.	4.8	91
3	Surfactant roles in modern sample preparation techniques: A review. <i>Journal of Separation Science</i> , 2012, 35, 2319-2340.	2.5	84
4	Cation-π interaction of alkali metal ions with C ₂₄ fullerene: a DFT study. <i>Journal of Molecular Modeling</i> , 2012, 18, 3535-3540.	1.8	81
5	Structural and electronic properties of pyrrolidine-functionalized [60]fullerenes. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1594-1598.	4.0	70
6	Application of vesicular coacervate phase for microextraction based on solidification of floating drop. <i>Journal of Chromatography A</i> , 2012, 1229, 30-37.	3.7	64
7	Controlled thermolysis of MIL-101 (Fe, Cr) for synthesis of Fe _x O _y /porous carbon as negative electrode and Cr ₂ O ₃ /porous carbon as positive electrode of supercapacitor. <i>Applied Surface Science</i> , 2019, 469, 192-203.	6.1	62
8	Cobalt terephthalate MOF-templated synthesis of porous nano-crystalline Co ₃ O ₄ by the new indirect solid state thermolysis as cathode material of asymmetric supercapacitor. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 94, 158-166.	2.7	58
9	Fabrication of hybrid supercapacitor based on rod-like HKUST-1@polyaniline as cathode and reduced graphene oxide as anode. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 99, 16-23.	2.7	49
10	A new strategy to simultaneous microextraction of acidic and basic compounds. <i>Journal of Chromatography A</i> , 2011, 1218, 3945-3951.	3.7	46
11	Analysis of abuse drugs in urine using surfactant-assisted dispersive liquid-liquid microextraction. <i>Journal of Separation Science</i> , 2011, 34, 1722-1729.	2.5	45
12	Synthesis of hybrid ZIF-derived binary ZnS/CoS composite as high areal-capacitance supercapacitor. <i>Synthetic Metals</i> , 2020, 260, 116262.	3.9	45
13	Hydrogen peroxide reduction in the oxygen vacancies of ZnO nanotubes. <i>Thin Solid Films</i> , 2014, 556, 566-570.	1.8	42
14	Development of a new and environment friendly hollow fiber-supported liquid phase microextraction using vesicular aggregate-based supramolecular solvent. <i>Analyst</i> , 2012, 137, 3549.	3.5	41
15	A new generation of nano-structured supramolecular solvents based on propanol/gemini surfactant for liquid phase microextraction. <i>Analytica Chimica Acta</i> , 2017, 953, 1-9.	5.4	40
16	First-principle study of methanol adsorption on Ni (Pd)-decorated graphene. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 751-756.	2.2	39
17	DFT investigation of hydrogen adsorption on the C ₃ N nanotube. <i>Vacuum</i> , 2016, 133, 7-12.	3.5	39
18	Tuning the electronic properties of C ₃₀ B ₁₅ N ₁₅ fullerene via encapsulation of alkali and alkali earth metals. <i>Synthetic Metals</i> , 2013, 177, 94-99.	3.9	37

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19	Role of sodium decoration on the methane storage properties of BC3 nanosheet. <i>Structural Chemistry</i> , 2014, 25, 1083-1090.	2.0	36
20	Monitoring of trace amounts of some anti-fungal drugs in biological fluids by hollow fiber based liquid phase microextraction followed by high performance liquid chromatography. <i>Analytical Methods</i> , 2010, 2, 387.	2.7	33
21	Li interactions with the B 40 fullerene and its application in Li-ion batteries: DFT studies. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 89, 148-154.	2.7	33
22	Theoretical study on the phenylpropanolamine drug interaction with the pristine, Si and Al doped [60] fullerenes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 87, 186-191.	2.7	33
23	Design and construction of ZIF(8 and 67) supported Fe ₃ O ₄ composite as advanced materials of high performance supercapacitor. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 126, 114442.	2.7	32
24	Optimization of supramolecular solvent microextraction prior to graphite furnace atomic absorption spectrometry for total selenium determination in food and environmental samples. <i>Journal of Molecular Liquids</i> , 2017, 232, 243-250.	4.9	30
25	ULTRASOUND-ASSISTED EMULSIFICATION MICROEXTRACTION OF VARIOUS PRESERVATIVES FROM COSMETICS, BEVERAGES, AND WATER SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2623-2642.	1.0	29
26	Reverse micelle-mediated dispersive liquid-liquid microextraction of 2,4-dichlorophenoxyacetic acid and 4-chloro-2-methylphenoxyacetic acid. <i>Journal of Separation Science</i> , 2012, 35, 2491-2498.	2.5	29
27	MOF derived CeO ₂ /CoFe ₂ O ₄ wrapped by pure and oxidized g-C ₃ N ₄ sheet as efficient supercapacitor electrode and oxygen reduction reaction electrocatalyst materials. <i>Ceramics International</i> , 2022, 48, 22254-22265.	4.8	29
28	Influence of antisite defect upon decomposition of nitrous oxide over graphene-analogue SiC. <i>Thin Solid Films</i> , 2014, 552, 111-115.	1.8	28
29	Emulsion-based liquid-phase microextraction: a review. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1087-1101.	2.2	28
30	Development and challenges of supramolecular solvents in liquid-based microextraction methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 138, 116231.	11.4	26
31	First principle study of hydrogen storage on the graphene-like aluminum nitride nanosheet. <i>Structural Chemistry</i> , 2014, 25, 1289-1296.	2.0	25
32	Ultrasound-assisted liquid-phase microextraction based on a nanostructured supramolecular solvent. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4235-4243.	3.7	24
33	Ultrasound-assisted emulsification microextraction using low density solvent for analysis of toxic nitrophenols in natural waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 199-212.	3.3	23
34	In-situ growth of ultrathin Ni ₆ MnO ₈ nanosheets on nickel foam as a binder-free positive electrode for asymmetric supercapacitor: Effects of alkaline aqueous and redox additive electrolytes. <i>Journal of Molecular Liquids</i> , 2017, 244, 269-278.	4.9	23
35	Rapid determination of ultra-trace amounts of acrylamide contaminant in water samples using dispersive liquid-liquid microextraction coupled to gas chromatography-electron capture detector. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1493-1505.	3.3	22
36	Metal-organic framework based micro solid phase extraction coupled with supramolecular solvent microextraction to determine copper in water and food samples. <i>New Journal of Chemistry</i> , 2018, 42, 5806-5813.	2.8	21

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37	Decoration of metal organic frameworks with Fe ₂ O ₃ for enhancing electrochemical performance of ZIF-(67 and 8) in energy storage application. <i>Synthetic Metals</i> , 2020, 269, 116540.	3.9	21
38	Solubilities of Flutamide, Dutasteride, and Finasteride as Antiandrogenic Agents, in Supercritical Carbon Dioxide: Measurement and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1056-1059.	1.9	20
39	Dynamic three-phase hollow fiber microextraction based on two immiscible organic solvents with automated movement of the acceptor phase. <i>Journal of Separation Science</i> , 2011, 34, 98-106.	2.5	20
40	Influence of topological defects on the nitrogen monoxide-sensing characteristics of graphene-analogue BN. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 274-279.	7.8	19
41	High-rate supercapacitor based on NiCo-MOF-derived porous NiCoP for efficient energy storage. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13117-13128.	2.2	19
42	MEASUREMENT OF FLUOROQUINOLONE ANTIBIOTICS FROM HUMAN PLASMA USING HOLLOW FIBER LIQUID-PHASE MICROEXTRACTION BASED ON CARRIER MEDIATED TRANSPORT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 343-354.	1.0	17
43	Nanostructured gemini-based supramolecular solvent for the microextraction of cyhalothrin and fenvalerate. <i>Journal of Separation Science</i> , 2016, 39, 3400-3409.	2.5	16
44	Analysis of trace amounts of chlorobenzenes in water samples: An approach towards the automation of dynamic hollow fiber liquid-phase microextraction. <i>Mikrochimica Acta</i> , 2012, 176, 367-374.	5.0	14
45	Synthesis and electrochemical properties of Mg-doped chromium-based metal organic framework/reduced graphene oxide composite for supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8421-8430.	2.2	14
46	DFT study on the adsorption and dissociation of hydrogen sulfide on MgO nanotube. <i>Structural Chemistry</i> , 2014, 25, 495-501.	2.0	13
47	N ₂ O reduction over hexagonal BN nanosheet: effects of Stone-Wales defect and carbon pair doping. <i>Structural Chemistry</i> , 2014, 25, 1457-1463.	2.0	12
48	Application of a nanostructured supramolecular solvent for the microextraction of diphenylamine and its mono-nitrated derivatives from unburned single-base propellants. <i>Journal of Separation Science</i> , 2015, 38, 276-282.	2.5	11
49	Nanostructured gemini-based supramolecular solvent coupled with ultrasound-assisted back extraction as a preconcentration step before GC-MS. <i>Journal of Separation Science</i> , 2017, 40, 4788-4795.	2.5	11
50	Graphene oxide-based solid phase extraction of vitamin B ₁₂ from pharmaceutical formulations and its determination by X-ray fluorescence. <i>X-Ray Spectrometry</i> , 2015, 44, 16-23.	1.4	10
51	A review in the sample preparation of aqueous solutions combined with X-ray fluorescence detection. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 831-838.	2.2	10
52	Impact of silver incorporation on cobalt rich 3-D porous carbon arising from solid state thermolysis of ZIF-67 as a pseudocapacitor electrode: Improvement of diffusion-controlled charge storage. <i>Solid State Ionics</i> , 2021, 368, 115697.	2.7	10
53	Tuning the crystallinity of ZrO ₂ nanostructures derived from thermolysis of Zr-based aspartic acid/succinic acid MOFs for energy storage application. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 134, 114921.	2.7	10
54	Microextraction of methyl and ethyl centralites using an alkanol-based nanostructured solvent followed by high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1595-1601.	2.2	9

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55	Mercuric chloride adsorption on sulfur-containing BC2N nanotube: toward HSAB concept. <i>Structural Chemistry</i> , 2014, 25, 1091-1097.	2.0	8
56	Comparative studies on electrochemical energy storage of NiFe-S nanoflake and NiFe-OH towards aqueous supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4499-4510.	2.2	8
57	Dispersion-corrected DFT design of nitrogen doped- or TMN4 embedded bucky bowl-like porous carbon derived from zeolitic imidazolate frameworks as anode material of sodium-ion battery. <i>Applied Surface Science</i> , 2021, 562, 150156.	6.1	8
58	Electrophoretic deposition of mixed copper oxide/GO as cathode and N-doped GO as anode for electrochemical energy storage. <i>Electrochimica Acta</i> , 2018, 268, 392-402.	5.2	7
59	Surfactant-Based Extraction Systems. , 2020, , 209-239.		6
60	Morphology control of Ni doped rod like MIL-88A derived FeS ₂ embedded in nitrogen-rich carbon as an efficient electrocatalyst for the oxygen reduction reaction. <i>Journal of Molecular Structure</i> , 2021, 1237, 130329.	3.6	5
61	Synthesis of rod-like ternary Cu(Cd)-In-S and quaternary Cu-Cd-In-S by controlled ion exchange of MIL-68(In) derived indium sulfide for high energy-storage capacitor. <i>Synthetic Metals</i> , 2021, 278, 116815.	3.9	5
62	Dispersion-corrected DFT study on the carbon monoxide sensing by B2C nanotubes: effects of dopant and interferences. <i>Structural Chemistry</i> , 2016, 27, 535-542.	2.0	4
63	Co-electrophoretic deposition of Mn ₂ O ₃ /activated carbon on CuO nanowire array growth on copper foam as a binder-free electrode for high-performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 27268-27278.	2.2	4
64	A DFT-D guided surface engineering of 2-D functionalized graphyne analogue covalent triazine frameworks as a high-capacity anode material of Mg-ion battery. <i>Surfaces and Interfaces</i> , 2021, 26, 101313.	3.0	4
65	Enhanced pseudocapacitive performance of two-dimensional Zn-metal organic framework through a post-synthetic amine functionalization. <i>Thin Solid Films</i> , 2022, 749, 139187.	1.8	3
66	A theoretical study on the adsorption of neutral and zwitterionic glycine on an MgO nanotube. <i>Monatshefte für Chemie</i> , 2015, 146, 1613-1619.	1.8	1
67	Impact of linker/metal tuning on the performance of two-dimensional Ni ₃ (HITP) ₂ MOF-based Mg ion batteries. <i>FlatChem</i> , 2022, 34, 100382.	5.6	1