Morteza Moradi

List of Publications by Year
in descending order

67	1,929	201674 27	276875 41
papers	citations	h-index	g-index

68	68	68	1865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced pseudocapacitive performance of two-dimensional Zn-metal organic framework through a post-synthetic amine functionalization. Thin Solid Films, 2022, 749, 139187.	1.8	3
2	MOF derived CeO2/CoFe2O4 wrapped by pure and oxidized g-C3N4 sheet as efficient supercapacitor electrode and oxygen reduction reaction electrocatalyst materials. Ceramics International, 2022, 48, 22254-22265.	4.8	29
3	Impact of linker/metal tuning on the performance of two-dimensional Ni3(HITP)2 MOF-based Mg ion batteries. FlatChem, 2022, 34, 100382.	5.6	1
4	Design and construction of ZIF(8 and 67) supported Fe3O4 composite as advanced materials of high performance supercapacitor. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 126, 114442.	2.7	32
5	High-rate supercapacitor based on NiCo-MOF-derived porous NiCoP for efficient energy storage. Journal of Materials Science: Materials in Electronics, 2021, 32, 13117-13128.	2.2	19
6	Development and challenges of supramolecular solvents in liquid-based microextraction methods. TrAC - Trends in Analytical Chemistry, 2021, 138, 116231.	11.4	26
7	Morphology control of Ni doped rod like MIL-88A derived FeS2 embedded in nitrogen-rich carbon as an efficient electrocatalyst for the oxygen reduction reaction. Journal of Molecular Structure, 2021, 1237, 130329.	3.6	5
8	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. Synthetic Metals, 2021, 278, 116815.	3.9	5
9	Co-electrophoretic deposition of Mn2O3/activated carbon on CuO nanowire array growth on copper foam as a binder-free electrode for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2021, 32, 27268-27278.	2.2	4
10	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. Surfaces and Interfaces, 2021, 26, 101313.	3.0	4
11	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. Solid State Ionics, 2021, 368, 115697.	2.7	10
12	Dispersion-corrected DFT design of nitrogen doped- or TMN4 embedded buckybowl-like porous carbon derived from zeolitic imidazolate frameworks as anode material of sodium-ion battery. Applied Surface Science, 2021, 562, 150156.	6.1	8
13	Tuning the crystallinity of ZrO2 nanostructures derived from thermolysis of Zr-based aspartic acid/succinic acid MOFs for energy storage application. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 134, 114921.	2.7	10
14	Surfactant-Based Extraction Systems. , 2020, , 209-239.		6
15	Synthesis of hybrid ZIF-derived binary ZnS/CoS composite as high areal-capacitance supercapacitor. Synthetic Metals, 2020, 260, 116262.	3.9	45
16	Decoration of metal organic frameworks with Fe2O3 for enhancing electrochemical performance of ZIF-(67 and 8) in energy storage application. Synthetic Metals, 2020, 269, 116540.	3.9	21
17	Comparative studies on electrochemical energy storage of NiFe-S nanoflake and NiFe-OH towards aqueous supercapacitor. Journal of Materials Science: Materials in Electronics, 2019, 30, 4499-4510.	2.2	8
18	Controlled thermolysis of MIL-101(Fe, Cr) for synthesis of FexOy/porous carbon as negative electrode and Cr2O3/porous carbon as positive electrode of supercapacitor. Applied Surface Science, 2019, 469, 192-203.	6.1	62

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19	Metalâ€“organic framework based micro solid phase extraction coupled with supramolecular solvent microextraction to determine copper in water and food samples. New Journal of Chemistry, 2018, 42, 5806-5813.	2.8	21
20	Synthesis and electrochemical properties of Mg-doped chromium-based metal organic framework/reduced graphene oxide composite for supercapacitor application. Journal of Materials Science: Materials in Electronics, 2018, 29, 8421-8430.	2.2	14
21	Electrophoretic deposition of mixed copper oxide/GO as cathode and N-doped GO as anode for electrochemical energy storage. Electrochimica Acta, 2018, 268, 392-402.	5.2	7
22	Fabrication of hybrid supercapacitor based on rod-like HKUST-1@polyaniline as cathode and reduced graphene oxide as anode. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 99, 16-23.	2.7	49
23	Li interactions with the B 40 fullerene and its application in Li-ion batteries: DFT studies. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 89, 148-154.	2.7	33
24	Optimization of supramolecular solvent microextraction prior to graphite furnace atomic absorption spectrometry for total selenium determination in food and environmental samples. Journal of Molecular Liquids, 2017, 232, 243-250.	4.9	30
25	Nanostructured geminiâ€based supramolecular solvent coupled with ultrasoundâ€assisted back extraction as a preconcentration step before GCâ€“MS. Journal of Separation Science, 2017, 40, 4788-4795.	2.5	11
26	In-situ growth of ultrathin Ni6MnO8 nanosheets on nickel foam as a binder-free positive electrode for asymmetric supercapacitor: Effects of alkaline aqueous and redox additive electrolytes. Journal of Molecular Liquids, 2017, 244, 269-278.	4.9	23
27	CoxZn1â^'x ZIF-derived binary Co3O4/ZnO wrapped by 3D reduced graphene oxide for asymmetric supercapacitor: Comparison of pure and heat-treated bimetallic MOF. Ceramics International, 2017, 43, 14413-14425.	4.8	91
28	Cobalt terephthalate MOF-templated synthesis of porous nano-crystalline Co3O4 by the new indirect solid state thermolysis as cathode material of asymmetric supercapacitor. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 94, 158-166.	2.7	58
29	A new generation of nano-structured supramolecular solvents based on propanol/gemini surfactant for liquid phase microextraction. Analytica Chimica Acta, 2017, 953, 1-9.	5.4	40
30	Theoretical study on the phenylpropanolamine drug interaction with the pristine, Si and Al doped [60] fullerenes. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 87, 186-191.	2.7	33
31	DFT investigation of hydrogen adsorption on the C3N nanotube. Vacuum, 2016, 133, 7-12.	3.5	39
32	Nanoâ€structured geminiâ€based supramolecular solvent for the microextraction of cyhalothrin and fenvalerate. Journal of Separation Science, 2016, 39, 3400-3409.	2.5	16
33	Dispersion-corrected DFT study on the carbon monoxide sensing by B2C nanotubes: effects of dopant and interferences. Structural Chemistry, 2016, 27, 535-542.	2.0	4
34	A theoretical study on the adsorption of neutral and zwitterionic glycine on an MgO nanotube. Monatshefte FÃ¼r Chemie, 2015, 146, 1613-1619.	1.8	1
35	Microextraction of methyl and ethyl centralites using an alkanol-based nanostructured solvent followed by high-performance liquid chromatography. Journal of the Iranian Chemical Society, 2015, 12, 1595-1601.	2.2	9
36	First-principle study of methanol adsorption on Ni (Pd)-decorated graphene. Journal of the Iranian Chemical Society, 2015, 12, 751-756.	2.2	39

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37	Graphene oxide-based solid phase extraction of vitamin B₁₂from pharmaceutical formulations and its determination by X-ray fluorescence. X-Ray Spectrometry, 2015, 44, 16-23.	1.4	10
38	Application of a nanostructured supramolecular solvent for the microextraction of diphenylamine and its monoâ€nitrated derivatives from unburned singleâ€base propellants. Journal of Separation Science, 2015, 38, 276-282.	2.5	11
39	A review in the sample preparation of aqueous solutions combined with X-ray fluorescence detection. Journal of the Iranian Chemical Society, 2015, 12, 831-838.	2.2	10
40	Hydrogen peroxide reduction in the oxygen vacancies of ZnO nanotubes. Thin Solid Films, 2014, 556, 566-570.	1.8	42
41	Influence of antisite defect upon decomposition of nitrous oxide over graphene-analogue SiC. Thin Solid Films, 2014, 552, 111-115.	1.8	28
42	DFT study on the adsorption and dissociation of hydrogen sulfide on MgO nanotube. Structural Chemistry, 2014, 25, 495-501.	2.0	13
43	Mercuric chloride adsorption on sulfur-containing BC2N nanotube: toward HSAB concept. Structural Chemistry, 2014, 25, 1091-1097.	2.0	8
44	Role of sodium decoration on the methane storage properties of BC3 nanosheet. Structural Chemistry, 2014, 25, 1083-1090.	2.0	36
45	First principle study of hydrogen storage on the graphene-like aluminum nitride nanosheet. Structural Chemistry, 2014, 25, 1289-1296.	2.0	25
46	Emulsion-based liquid-phase microextraction: a review. Journal of the Iranian Chemical Society, 2014, 11, 1087-1101.	2.2	28
47	N2O reduction over hexagonal BN nanosheet: effects of Stoneâ€“Wales defect and carbon pair doping. Structural Chemistry, 2014, 25, 1457-1463.	2.0	12
48	Influence of topological defects on the nitrogen monoxide-sensing characteristics of graphene-analogue BN. Sensors and Actuators B: Chemical, 2014, 197, 274-279.	7.8	19
49	Tuning the electronic properties of C30B15N15 fullerene via encapsulation of alkali and alkali earth metals. Synthetic Metals, 2013, 177, 94-99.	3.9	37
50	Ultrasound-assisted liquid-phase microextraction based on a nanostructured supramolecular solvent. Analytical and Bioanalytical Chemistry, 2013, 405, 4235-4243.	3.7	24
51	Structural and electronic properties of pyrrolidine-functionalized [60]fullerenes. Journal of Physics and Chemistry of Solids, 2013, 74, 1594-1598.	4.0	70
52	Ultrasound-assisted emulsification microextraction using low density solvent for analysis of toxic nitrophenols in natural waters. International Journal of Environmental Analytical Chemistry, 2013, 93, 199-212.	3.3	23
53	MEASUREMENT OF FLUOROQUINOLONE ANTIBIOTICS FROM HUMAN PLASMA USING HOLLOW FIBER LIQUID-PHASE MICROEXTRACTION BASED ON CARRIER MEDIATED TRANSPORT. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 343-354.	1.0	17
54	Rapid determination of ultra-trace amounts of acrylamide contaminant in water samples using dispersive liquidâ€“liquid microextraction coupled to gas chromatography-electron capture detector. International Journal of Environmental Analytical Chemistry, 2012, 92, 1493-1505.	3.3	22

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55	ULTRASOUND-ASSISTED EMULSIFICATION MICROEXTRACTION OF VARIOUS PRESERVATIVES FROM COSMETICS, BEVERAGES, AND WATER SAMPLES. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 2623-2642.	1.0	29
56	Cation-Ï€ interaction of alkali metal ions with C24 fullerene: a DFT study. Journal of Molecular Modeling, 2012, 18, 3535-3540.	1.8	81
57	Surfactant roles in modern sample preparation techniques: A review. Journal of Separation Science, 2012, 35, 2319-2340.	2.5	84
58	Development of a new and environment friendly hollow fiber-supported liquid phase microextraction using vesicular aggregate-based supramolecular solvent. Analyst, The, 2012, 137, 3549.	3.5	41
59	Reverse micelleâ€mediated dispersive liquidâ€“liquid microextraction of 2,4â€dichlorophenoxyacetic acid and 4â€chloroâ€2â€methylphenoxyacetic acid. Journal of Separation Science, 2012, 35, 2491-2498.	2.5	29
60	Application of vesicular coacervate phase for microextraction based on solidification of floating drop. Journal of Chromatography A, 2012, 1229, 30-37.	3.7	64
61	Analysis of trace amounts of chlorobenzenes in water samples: An approach towards the automation of dynamic hollow fiber liquid-phase microextraction. Mikrochimica Acta, 2012, 176, 367-374.	5.0	14
62	A new strategy to simultaneous microextraction of acidic and basic compounds. Journal of Chromatography A, 2011, 1218, 3945-3951.	3.7	46
63	Dynamic threeâ€phase hollow fiber microextraction based on two immiscible organic solvents with automated movement of the acceptor phase. Journal of Separation Science, 2011, 34, 98-106.	2.5	20
64	Analysis of abuse drugs in urine using surfactantâ€assisted dispersive liquidâ€“liquid microextraction. Journal of Separation Science, 2011, 34, 1722-1729.	2.5	45
65	Solubilities of Flutamide, Dutasteride, and Finasteride as Antiandrogenic Agents, in Supercritical Carbon Dioxide: Measurement and Correlation. Journal of Chemical & Engineering Data, 2010, 55, 1056-1059.	1.9	20
66	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. Analytical Methods, 2010, 2, 387.	2.7	33
67	Application of surfactant assisted dispersive liquidâ€“liquid microextraction for sample preparation of chlorophenols in water samples. Talanta, 2010, 82, 1864-1869.	5.5	172