

# Hamid sepehrian

## List of Publications by Year in descending order

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35  
papers

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citations

516215

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525886

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docs citations

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times ranked

961  
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#	ARTICLE	IF	CITATIONS
1	Development of Nanoporous Alumino-borosilicate as a Novel Matrix for the Sorption and Stable Immobilization of Cesium Ions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 369-378.	1.9	8
2	Selective Nanopores in Graphene Sheet for Separation I-129 Isotope from Air. <i>Journal of Advanced Physics</i> , 2017, 6, 10-17.	0.4	5
3	Gaseous Iodine Entrapping Onto Mesoporous Silica MCM-41 Supported <i>d</i> -Element Nitrate. <i>Materials Focus</i> , 2017, 6, 87-95.	0.4	1
4	Simulation studies of the separation of Kr-85 radionuclide gas from nitrogen and oxygen across nanoporous graphene membranes in different pore configurations. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	8
5	Molecular Perspective of Radionuclides Separation by Nanoporous Graphene Oxide Membrane. <i>Chemical Product and Process Modeling</i> , 2016, 11, 3-5.	0.5	7
6	Determination of the surface area of mesoporous silicates by X-ray diffraction patterns using partial least squares and multiple linear regressions. <i>Particulate Science and Technology</i> , 2016, 34, 347-351.	1.1	3
7	Cobalt (II) Adsorption from Aqueous Solution Using Alginate-SBA-15 Nanocomposite: Kinetic, Isotherm, Thermodynamic Studies and Neural Network Modeling. <i>Materials Focus</i> , 2016, 5, 91-99.	0.4	10
8	Comparative Sorption Potential of Gaseous Iodine Onto Nanoporous Silicate SBA-15 Supported Various <i>d</i> -Element Nitrates. <i>Energy and Environment Focus</i> , 2016, 5, 131-138.	0.3	0
9	Nanoporous graphene oxide membrane and its application in molecular sieving. <i>Carbon Letters</i> , 2015, 16, 183-191.	3.3	22
10	Synthesis, Characterization, and Cesium Sorption Performance of Potassium Nickel Hexacyanoferrate-Loaded Granular Activated Carbon. <i>Particulate Science and Technology</i> , 2014, 32, 348-354.	1.1	17
11	Supporting of Lead Hexacyanoferrate on Mesoporous MCM-41 and its use as Effective Adsorbent for Strontium: Equilibrium, Kinetic, and Thermodynamic Studies. <i>Separation Science and Technology</i> , 2014, 49, 241-248.	1.3	10
12	Uranium recovery from UCF liquid waste by nanoporous MCM-41: breakthrough capacity and elution behavior studies. <i>Research on Chemical Intermediates</i> , 2013, 39, 951-959.	1.3	4
13	Encapsulation of nanoporous MCM-41 in biopolymeric matrix of calcium alginate and its use as effective adsorbent for lead ions: Equilibrium, kinetic and thermodynamic studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 343-348.	2.7	18
14	Recovery of uranium from UCF liquid waste by anion exchange resin CG-400: Breakthrough curves, elution behavior and modeling studies. <i>Annals of Nuclear Energy</i> , 2013, 54, 149-153.	0.9	44
15	Adsorption of Thorium from Aqueous Solution using Nanoporous Adsorbents: Effect of Contact Time, pH, Initial Concentration, and Temperature. <i>Particulate Science and Technology</i> , 2013, 31, 372-378.	1.1	3
16	Studies on the recovery of uranium from nuclear industrial effluent using nanoporous silica adsorbent. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 629-636.	1.8	25
17	Fast and efficient method for the synthesis of 2-arylbenzimidazoles using MCM-41-SO <sub>3</sub> H. <i>Heterocyclic Communications</i> , 2012, 18, 33-37.	0.6	31
18	Preparation of Cu(OAc) <sub>2</sub> /MCM-41 catalyst and its application in the one-pot synthesis of 1,2,3-triazoles in water. <i>Heteroatom Chemistry</i> , 2012, 23, 415-421.	0.4	18

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19	MCM-41-SO <sub>3</sub> H as a Highly Efficient Sulfonic Acid Nanoreactor for the Rapid and Green Synthesis of Some Novel Highly Substituted Imidazoles under Solvent-Free Condition. Chinese Journal of Chemistry, 2012, 30, 703-708.	2.6	34
20	Uranium(VI) sorption behavior onto amberlite CG-400 anion exchange resin: Effects of pH, contact time, temperature and presence of phosphate. Annals of Nuclear Energy, 2012, 48, 21-24.	0.9	69
21	Modified Mesoporous Cerium(III) Silicate: Synthesis, Characterization and Adsorption Studies of Heavy Metal Ions. Oriental Journal of Chemistry, 2012, 28, 715-723.	0.1	0
22	Cu(OAc) <sub>2</sub> /MCM-41: An efficient and solid acid catalyst for synthesis of 2-arylbenzothiazoles under ultrasound irradiation. Ultrasonics Sonochemistry, 2011, 18, 480-483.	3.8	21
23	Adsorption Studies of Radionuclides and Toxic Metal Ions on a Modified Mesoporous Lanthanum(III) Silicate. Chinese Journal of Chemistry, 2010, 28, 561-566.	2.6	4
24	Influence of the Synthesis pH on Sorption Behavior of Mesoporous MCM-41 for Toxic Metal Ions. Chinese Journal of Chemistry, 2010, 28, 1923-1926.	2.6	2
25	Adsorption Studies of Heavy Metal Ions on Mesoporous Aluminosilicate, Novel Cation Exchanger. Journal of Hazardous Materials, 2010, 176, 252-256.	6.5	50
26	Ultrasound promoted rapid and green synthesis of 1,8-dioxo-octahydroxanthenes derivatives using nanosized MCM-41-SO <sub>3</sub> H as a nanoreactor, nanocatalyst in aqueous media. Ultrasonics Sonochemistry, 2010, 17, 306-309.	3.8	82
27	Synthesis of Some Novel 2-Aryl-Substituted 2,3-Dihydroquinazolin-4(1H)-ones under Solvent-Free Conditions Using MCM-41-SO <sub>3</sub> H as a Highly Efficient Sulfonic Acid. Synthesis, 2010, 2010, 1356-1360.	1.2	73
28	Adsorption Behavior of Molybdenum on Modified Mesoporous Zirconium Silicates. Separation Science and Technology, 2010, 45, 421-426.	1.3	15
29	Modified Mesoporous Silicate MCM-41 for Zinc Ion Adsorption: Synthesis, Characterization and Its Adsorption Behavior. Chinese Journal of Chemistry, 2009, 27, 2171-2174.	2.6	2
30	Development of Thiol-Functionalized Mesoporous Silicate MCM-41 as a Modified Sorbent and Its Use in Chromatographic Separation of Metal Ions from Aqueous Nuclear Waste. Chromatographia, 2009, 70, 277-280.	0.7	8
31	Adsorption Behavior Studies of Picric Acid on Mesoporous MCM-41. Industrial & Engineering Chemistry Research, 2009, 48, 6772-6775.	1.8	45
32	Sorption studies of radionuclides on a modified mesoporous cerium(IV) silicate. Journal of Radioanalytical and Nuclear Chemistry, 2008, 275, 145-153.	0.7	16
33	MCM-41 anchored sulfonic acid (MCM-41-R-SO <sub>3</sub> H): A mild, reusable and highly efficient heterogeneous catalyst for the Biginelli reaction. Chinese Chemical Letters, 2008, 19, 1435-1439.	4.8	58
34	Zinc hexacyanoferrate loaded mesoporous MCM-41 as a new adsorbent for cesium: equilibrium, kinetic and thermodynamic studies. Desalination and Water Treatment, 0, , 1-9.	1.0	4
35	Preparation, characterization, and iodide sorption performance of silver-loaded mesoporous MCM-41. Desalination and Water Treatment, 0, , 1-10.	1.0	3