

# Afshin Pourahmad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8142367/publications.pdf>

Version: 2024-02-01

38  
papers

744  
citations

567281

15  
h-index

552781

26  
g-index

39  
all docs

39  
docs citations

39  
times ranked

929  
citing authors

#	ARTICLE	IF	CITATIONS
1	GNP/Al-MOF nanocomposite as an efficient fiber coating of headspace solid-phase micro-extraction for the determination of organophosphorus pesticides in food samples. <i>Mikrochimica Acta</i> , 2022, 189, 45.	5.0	12
2	Synthesis of Fused Azo-linked Acridine Derivatives Using MCM-41/Ag <sub>2</sub> S-RHA Nanocomposite. <i>Current Organic Synthesis</i> , 2021, 18, 719-725.	1.3	3
3	Synthesis of MTW@MOF nanocomposite for removal of methylene blue. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2174-2184.	2.2	13
4	Synthesis of Novel fused Azo-linked acridine derivatives using GO-ZnO nanocomposite. <i>Journal of Molecular Structure</i> , 2021, 1245, 131081.	3.6	6
5	Synthesis of zeolite Y @ metal-organic framework core@shell. <i>Journal of Coordination Chemistry</i> , 2020, 73, 3412-3419.	2.2	10
6	Matrices based on meso antibacterial framework. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1579-1590.	1.4	3
7	Magnetite-metal organic framework core@shell for degradation of ampicillin antibiotic in aqueous solution. <i>Journal of Solid State Chemistry</i> , 2020, 288, 121420.	2.9	24
8	Preparation and Application of CuO@RHA/MCM-41 Nanocomposite for the Synthesis of Fused pyrano[4,3-b]chromenones. <i>Letters in Organic Chemistry</i> , 2020, 17, 360-365.	0.5	3
9	Synthesis and characterization of MCM-41 ropes. <i>Materials Letters</i> , 2018, 212, 16-19.	2.6	31
10	Preparation of ZSM-12 Zeolite from RHS and Its Application for Synthesis of n-type ZnO Semiconductor Nanoparticles: A Green Chemistry Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2213-2220.	3.7	7
11	Fabrication, Characterization and Antibacterial Properties of MgO Nanoparticles in Zeolite Matrix. <i>Iranian Journal of Medical Microbiology</i> , 2018, 12, 116-124.	0.6	1
12	Rice husk based MCM-41 nanoparticles loaded with Ag <sub>2</sub> S nanostructures by a green and room temperature method and its antimicrobial property. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1552-1559.	1.6	6
13	Preparation and spectroscopic studies of PbS/nanoMCM-41 nanocomposite. <i>Arabian Journal of Chemistry</i> , 2014, 7, 788-792.	4.9	10
14	Nanocomposite prepared from ZnS nanoparticles and molecular sieves nanoparticles by ion exchange method: Characterization and its photocatalytic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 193-198.	3.9	15
15	Ag <sub>2</sub> S nanoparticle encapsulated in mesoporous material nanoparticles and its application for photocatalytic degradation of dye in aqueous solution. <i>Superlattices and Microstructures</i> , 2012, 52, 276-287.	3.1	56
16	Octahedral and tetrahedral cobalt species in nanodimensional pores of mordenite zeolite as modified carbon paste electrode for determination of ascorbic acid. <i>Micro and Nano Letters</i> , 2012, 7, 511.	1.3	5
17	As-synthesis of nanostructure AgCl/Ag/MCM-41 composite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 271-275.	3.9	24
18	Photocatalytic activity of quantum dots incorporated in molecular sieves for generation of hydrogen. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 18-22.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of CoS nanoparticles encapsulated in mesoporous aluminosilicate material by solid-state reaction. <i>Materials Letters</i> , 2011, 65, 205-207.	2.6	12
20	Lead sulfide quantum dots embedded in mesoporous material by ion-exchange method. <i>Materials Letters</i> , 2011, 65, 2551-2553.	2.6	2
21	Ternary metal sulphide nanocrystals in MCM-41 nanoparticles matrix: preparation and properties. <i>Micro and Nano Letters</i> , 2011, 6, 918.	1.3	5
22	Synthesis of silver/poly (diallyldimethylammonium chloride) hybride nanocomposite. <i>Advanced Powder Technology</i> , 2011, 22, 669-673.	4.1	17
23	Removal of methyl orange from aqueous solution by <i>Azolla filicoides</i> : Synthesis of Fe <sub>3</sub> O <sub>4</sub> nano-particles and its surface modification by the extracted pectin of <i>Azolla</i> . <i>Chinese Chemical Letters</i> , 2011, 22, 501-504.	9.0	21
24	Degradation of basic blue 9 dye by CoS/nanoAlMCM-41 catalyst under visible light irradiation. <i>Journal of Porous Materials</i> , 2010, 17, 367-375.	2.6	20
25	Catalytic reduction of methylene blue by sulfide ions in the presence of nanoAlMCM-41 material. <i>Superlattices and Microstructures</i> , 2010, 47, 411-421.	3.1	23
26	Comparison absorption of new methylene blue dye in zeolite and nanocrystal zeolite. <i>Desalination</i> , 2010, 256, 84-89.	8.2	83
27	CdS semiconductor nanoparticles embedded in AlMCM-41 by solid-state reaction. <i>Journal of Alloys and Compounds</i> , 2010, 505, 324-327.	5.5	13
28	Studying effect of cell wall's carboxylâ€“carboxylate ratio change of <i>Lemna minor</i> to remove heavy metals from aqueous solution. <i>Journal of Hazardous Materials</i> , 2009, 163, 165-173.	12.4	65
29	Photocatalytic degradation of basic blue 9 by CoS nanoparticles supported on AlMCM-41 material as a catalyst. <i>Journal of Hazardous Materials</i> , 2009, 170, 184-190.	12.4	78
30	Incorporation of CoS nanoparticles into ZSM-5 zeolite by hydrothermal and ion exchange methods. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 612-619.	2.2	8
31	Preparation and characterization of Ag nanowires in mesoporous MCM-41 nanoparticles template by chemical reduction method. <i>Journal of Alloys and Compounds</i> , 2009, 484, 314-316.	5.5	36
32	Nickel cobalt sulfide nanoparticles grown on AlMCM-41 molecular sieve. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 684-688.	2.7	6
33	Growth and characterization of NiS and NiCoS nanoparticles in mordenite zeolite host. <i>Materials Science and Engineering C</i> , 2008, 28, 202-205.	7.3	25
34	Host (nanodimensional pores of mesoporous material)â€“guest (semiconductor nanoparticles) nanocomposite materials. <i>Materials Chemistry and Physics</i> , 2008, 111, 396-399.	4.0	2
35	Preparation and characterization of host (mesoporous aluminosilicate material)â€“guest (semiconductor nanoparticles) nanocomposite materials. <i>Materials Letters</i> , 2008, 62, 655-658.	2.6	15
36	New Methylene Blue (NMB) Encapsulated in Mesoporous AlMCMâ€“41 Material and Its Application for Amperometric Determination of Ascorbic Acid in Real Samples. <i>Electroanalysis</i> , 2007, 19, 1635-1641.	2.9	14

#	ARTICLE	IF	CITATIONS
37	New methylene blue incorporated in mordenite zeolite as humidity sensor material. Materials Letters, 2007, 61, 2311-2314.	2.6	30
38	Formation of NiS and CoS semiconductor nanoparticles inside mordenite-type zeolite. Materials Letters, 2007, 61, 2923-2926.	2.6	34