

Ali Nematollahzadeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1332749/publications.pdf>

Version: 2024-02-01

61
papers

1,783
citations

236612

25
h-index

288905

40
g-index

63
all docs

63
docs citations

63
times ranked

2329
citing authors

#	ARTICLE	IF	CITATIONS
1	Cinnamon Essential Oil Encapsulated into a Fish Gelatin-Bacterial Cellulose Nanocrystals Complex and Active Films Thereof. <i>Food Biophysics</i> , 2022, 17, 38-46.	1.4	16
2	Synthesize and multi-spectroscopic studies of zinc-naproxen nanodrug as DNA intercalator agent. <i>Analytical Biochemistry</i> , 2022, 642, 114454.	1.1	1
3	Preparation of Fe ₃ O ₄ /Ag ₃ VO ₄ /Au nanocomposite coated with <i>Caerophyllum macropodium</i> extract modified with oleic acid for theranostics agent in medical imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113724.	2.0	7
4	Production of Innovative Essential Oil-Based Emulsion Coatings for Fungal Growth Control on Postharvest Fruits. <i>Foods</i> , 2022, 11, 1602.	1.9	4
5	Impact of Bacterial Cellulose Nanocrystals-Gelatin/Cinnamon Essential Oil Emulsion Coatings on the Quality Attributes of "Red Delicious" Apples. <i>Coatings</i> , 2022, 12, 741.	1.2	4
6	Modelling the Effects of Al ₂ O ₃ -SiO ₂ Nanocomposite Additive in Biodiesel "Diesel Fuel on Diesel Engine Performance Using Hybrid ANN-ABC. <i>Acta Technologica Agriculturae</i> , 2021, 24, 20-26.	0.2	3
7	Hierarchically structured protein-based hollow-nanospheres for drug delivery. <i>Reactive and Functional Polymers</i> , 2021, 160, 104821.	2.0	5
8	Nitrobenzene adsorption from aqueous solution onto polythiophene-modified magnetite nanoparticles. <i>Materials Chemistry and Physics</i> , 2021, 262, 124266.	2.0	21
9	A New Investigation on Asphaltene Removal from Crude Oil: Experimental Study in Flow "Loop System Using Maghemite Nanoparticles. <i>Petroleum Chemistry</i> , 2021, 61, 640-648.	0.4	0
10	Molecularly imprinted polymer grafted on paper and flat sheet for selective sensing and diagnosis: a review. <i>Mikrochimica Acta</i> , 2021, 188, 279.	2.5	16
11	Protein-based nanoparticles synthesized at a high shear rate and optimized for drug delivery applications. <i>Journal of Molecular Liquids</i> , 2021, 335, 116133.	2.3	3
12	Molecular modeling prediction of albumin-based nanoparticles and experimental preparation, characterization, and in-vitro release kinetics of prednisolone from the nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102588.	1.4	6
13	A first-principles investigation of PH ₃ gas adsorption on the graphitic carbon nitride sheets modified with V/P, Nb/P, and Ta/P elements. <i>Materials Chemistry and Physics</i> , 2021, 269, 124282.	2.0	4
14	ﺩﺯﺩ ﺩﻭﺩ»ﺩﻣﻭﺩ ^{1/2} ﺩﻣﻭ ﺩﻭﻧﻥ,,ﺩﻭﺩ»ﻧﻌﻧﻥ,ﺩﻣﻭﺩ ^{1/2} ﺩ ^{3/4} ﺩ ² ﺩﻭﺩ. ﺩ ^{1/2} ﺩﻣﻥ,,ﻧﻭ, ﺩ ² ﻧﻭ,ﻧﻥ,ﺩﻣﻭﺩ ^{1/4} ﺩﻣﻭ ﺩ-ﺩﻭﺩ ^{3/4} ﺩ»ﻧﻌﻧﻥﺩ ^{3/4} ﺩ ² ﺩﻭﺩﻭ ² ﺩ ^{1/2} ﺩ ^{3/4}		
15	Synthesis and sorption properties of heparin imprinted zeolite beta/polydopamine composite nanoparticles. <i>Reactive and Functional Polymers</i> , 2020, 147, 104462.	2.0	10
16	Control of nectarine fruits postharvest fungal rots caused by <i>Botrytis Cinerea</i> and <i>Rhizopus Stolonifer</i> via some essential oils. <i>Journal of Food Science and Technology</i> , 2020, 57, 1647-1655.	1.4	11
17	How mycorrhiza symbiosis help coriander (<i>Coriandrum sativum</i> L.) plants grow better under contaminated soil?. <i>Journal of Plant Nutrition</i> , 2020, 43, 2040-2053.	0.9	10
18	Preparation of cinnamon essential oil emulsion by bacterial cellulose nanocrystals and fish gelatin. <i>Food Hydrocolloids</i> , 2020, 109, 106111.	5.6	47

#	ARTICLE	IF	CITATIONS
19	Chromium removal from water using granular ferric hydroxide adsorbents: An in-depth adsorption investigation and the optimization. <i>Chemical Physics Letters</i> , 2020, 748, 137395.	1.2	11
20	CFD modeling of black powder particles deposition in 3D 90-degree bend of natural gas pipelines. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 78, 103330.	2.1	14
21	Removal of phenol and 1-naphthol from aqueous solution by decorated graphene oxide with magnetic iron for modified polyrhodanine as nanocomposite adsorbents: Kinetic, equilibrium and thermodynamic studies. <i>Reactive and Functional Polymers</i> , 2020, 156, 104718.	2.0	32
22	Second-order isothermal reaction in a semi-batch reactor: modeling, exact analytical solution, and experimental verification. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 2011-2020.	1.9	0
23	Removal of methylene blue via bioinspired catecholamine/starch superadsorbent and the efficiency prediction by response surface methodology and artificial neural network-particle swarm optimization. <i>Bioresource Technology</i> , 2019, 294, 122084.	4.8	43
24	New insights into mechanistic aspects and structure of polycrystalline Cu/Cr/Ni metal oxide nanoclusters synthesized using <i>Eryngium campestre</i> and <i>Froriepia subpinnata</i> . <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 489-499.	1.2	6
25	Plant-mediated Cu/Cr/Ni nanoparticle formation strategy for simultaneously separation of the mixed ions from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 148-159.	2.7	15
26	Bioinspired catecholamine/starch composites as superadsorbent for the environmental remediation. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 690-699.	3.6	28
27	Revalorization of Spent Bleaching Earth a Waste from Vegetable Oil Refinery Plant by an Efficient Solvent Extraction System. <i>Waste and Biomass Valorization</i> , 2019, 10, 3045-3055.	1.8	8
28	Rapid biosynthesis of novel Cu/Cr/Ni trimetallic oxide nanoparticles with antimicrobial activity. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1898-1911.	3.3	34
29	Molecularly imprinted ultrafiltration polysulfone membrane with specific nano-cavities for selective separation and enrichment of paclitaxel from plant extract. <i>Reactive and Functional Polymers</i> , 2018, 126, 9-19.	2.0	36
30	Competitive adsorption of nitrate in fixed-bed column packed with bio-inspired polydopamine coated zeolite. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2232-2240.	3.3	55
31	Preparation and characterization of polysulfone/graphene oxide nanocomposite membranes for the separation of methylene blue from water. <i>Polymer Bulletin</i> , 2018, 75, 469-484.	1.7	63
32	Green methods for the synthesis of metal nanoparticles using biogenic reducing agents: a review. <i>Reviews in Chemical Engineering</i> , 2018, 34, 529-559.	2.3	95
33	Molecularly imprinted polymer membrane for the removal of naphthalene from petrochemical wastewater streams. <i>Advances in Polymer Technology</i> , 2018, 37, 2288-2293.	0.8	13
34	Preparation and characterization of cross-linked poly (vinyl alcohol)-graphene oxide nanocomposites as an interlayer for Schottky barrier diodes. <i>International Journal of Modern Physics B</i> , 2018, 32, 1750276.	1.0	8
35	Iron-oxide nano-particles effect on the blood hemodynamics in atherosclerotic coronary arteries. <i>Chemical Engineering Science</i> , 2018, 177, 293-300.	1.9	5
36	Engineered maghemite nanoparticles with polyrhodanine for efficient removal of Cr(VI) from water. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 94-103.	1.7	11

#	ARTICLE	IF	CITATIONS
37	Amino functionalized hierarchically produced porous polyacrylamide microspheres for the removal of chromium(VI) from aqueous solution. <i>Journal of Porous Materials</i> , 2017, 24, 1705-1715.	1.3	6
38	CFD modeling of high inertia asphaltene aggregates deposition in 3D turbulent oil production wells. <i>Journal of Petroleum Science and Engineering</i> , 2017, 150, 257-264.	2.1	20
39	Eulerian Model To Predict Asphaltene Deposition Process in Turbulent Oil Transport Pipelines. <i>Energy & Fuels</i> , 2017, 31, 8061-8071.	2.5	22
40	Synthesis of lysozyme imprinted column with macroporous structure and enhanced selectivity: Utilization of cryogelation technique and electrostatic functional monomers. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	3
41	Enhanced water flux through ultrafiltration polysulfone membrane via addition–removal of silica nano–particles: Synthesis and characterization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	28
42	Poly-dopamine films: Voltammetric sensor for pH monitoring. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 53-58.	4.0	59
43	Bimodal porous silica microspheres decorated with polydopamine nano-particles for the adsorption of methylene blue in fixed-bed columns. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 172-182.	5.0	74
44	Nano-scale modification of polysulfone membrane matrix and the surface for the separation of chromium ions from water. <i>Chemical Engineering Journal</i> , 2015, 267, 306-316.	6.6	97
45	Adsorption and Removal of Asphaltene Using Synthesized Maghemite and Hematite Nanoparticles. <i>Energy & Fuels</i> , 2015, 29, 1397-1406.	2.5	78
46	Poly-dopamine thin film for voltammetric sensing of atenolol. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 551-557.	4.0	38
47	Catecholamine coated maghemite nanoparticles for the environmental remediation: Hexavalent chromium ions removal. <i>Chemical Engineering Journal</i> , 2015, 277, 21-29.	6.6	79
48	Synthesis and characterization of magnetic maghemite/catecholamine core/shell nanoparticles. <i>Powder Technology</i> , 2015, 270, 185-191.	2.1	20
49	Effect of electrostatic functional monomers on lysozyme recognition by molecularly imprinted hydrogel. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	7
50	Chemically modified organic/inorganic nanoporous composite particles for the adsorption of reactive black 5 from aqueous solution. <i>Reactive and Functional Polymers</i> , 2015, 86, 7-15.	2.0	44
51	NITRITE REMOVAL FROM AQUEOUS SOLUTION USING SURFACE MODIFIED MAGHEMITE NANOPARTICLES. <i>Nano</i> , 2014, 09, 1450013.	0.5	13
52	Robust and selective nano cavities for protein separation: An interpenetrating polymer network modified hierarchically protein imprinted hydrogel. <i>Journal of Chromatography A</i> , 2014, 1345, 154-163.	1.8	46
53	Superparamagnetic maghemite/polyrhodanine core/shell nanoparticles: Synthesis and characterization. <i>Advanced Powder Technology</i> , 2014, 25, 1520-1526.	2.0	24
54	Adsorption kinetics and catalytic oxidation of asphaltene on synthesized maghemite nanoparticles. <i>Journal of Petroleum Science and Engineering</i> , 2014, 121, 134-141.	2.1	37

#	ARTICLE	IF	CITATIONS
55	Molecularly imprinted polydopamine nano-layer on the pore surface of porous particles for protein capture in HPLC column. <i>Journal of Colloid and Interface Science</i> , 2013, 404, 117-126.	5.0	68
56	Column study of Cr (VI) adsorption onto modified silica-polyacrylamide microspheres composite. <i>Chemical Engineering Journal</i> , 2012, 210, 280-288.	6.6	91
57	Submicron nanoporous polyacrylamide beads with tunable size for verapamil imprinting. <i>Journal of Applied Polymer Science</i> , 2012, 125, 189-199.	1.3	38
58	Effect of regenerated soil structure on unsaturated transport of <i>Escherichia coli</i> and bromide. <i>Journal of Hydrology</i> , 2012, 430-431, 80-90.	2.3	33
59	High-Capacity Hierarchically Imprinted Polymer Beads for Protein Recognition and Capture. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 495-498.	7.2	156
60	Viscosity and rheological behavior of castor-canola mixture. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 1026-1030.	1.0	7
61	Increasing the Interfacial Adhesion in Poly(methyl methacrylate)/Carbon Fibre Composites by Laser Surface Treatment. <i>Polymers and Polymer Composites</i> , 2006, 14, 585-589.	1.0	7