

Ghasem Rezanejade Bardajee

List of Publications by Year in descending order

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63
papers

1,168
citations

331670

21
h-index

434195

31
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64
all docs

64
docs citations

64
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of nanoscale zeolitic imidazolate frameworks with ciprofloxacin and their applications as antimicrobial agents. <i>New Journal of Chemistry</i> , 2017, 41, 7364-7370.	2.8	92
2	One-pot synthesis of biocompatible superparamagnetic iron oxide nanoparticles/hydrogel based on salep: Characterization and drug delivery. <i>Carbohydrate Polymers</i> , 2014, 101, 741-751.	10.2	53
3	Synthesis of a novel thermo/pH sensitive nanogel based on salep modified graphene oxide for drug release. <i>Materials Science and Engineering C</i> , 2017, 72, 558-565.	7.3	50
4	A novel biocompatible magnetic iron oxide nanoparticles/hydrogel based on poly (acrylic acid) grafted onto starch for controlled drug release. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	47
5	Kappa carrageenan-g-poly (acrylic acid)/SPION nanocomposite as a novel stimuli-sensitive drug delivery system. <i>Colloid and Polymer Science</i> , 2013, 291, 2791-2803.	2.1	45
6	UV-prepared salep-based nanoporous hydrogel for controlled release of tetracycline hydrochloride in colon. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 102, 232-240.	3.8	42
7	Multi-stimuli responsive nanogel/hydrogel nanocomposites based on $\hat{\text{I}}^{\text{e}}$ -carrageenan for prolonged release of levodopa as model drug. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 180-189.	7.5	42
8	Synthesis of a novel supermagnetic iron oxide nanocomposite hydrogel based on graft copolymerization of poly((2-dimethylamino)ethyl methacrylate) onto salep for controlled release of drug. <i>Materials Science and Engineering C</i> , 2014, 36, 277-286.	7.3	41
9	Synthesis and characterization of a novel pH-responsive nanocomposite hydrogel based on chitosan for targeted drug release. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	37
10	Synthesis and swelling behavior of a new superabsorbent hydrogel network based on polyacrylamide grafted onto salep. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2625-2633.	2.6	31
11	Ligand-Capped CdTe Quantum Dots as a Fluorescent Nanosensor for Detection of Copper Ions in Environmental Water Sample. <i>Journal of Fluorescence</i> , 2017, 27, 2323-2333.	2.5	31
12	Graphene oxide nanocomposite hydrogel based on poly(acrylic acid) grafted onto salep: an adsorbent for the removal of noxious dyes from water. <i>New Journal of Chemistry</i> , 2019, 43, 3572-3582.	2.8	31
13	pH sensitive release of doxorubicin anticancer drug from gold nanocomposite hydrogel based on poly(acrylic acid) grafted onto salep biopolymer. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	30
14	Optical Properties of Water-Soluble CdTe Quantum Dots Passivated by a Biopolymer Based on Poly((2-dimethylaminoethyl) methacrylate) Grafted onto $\hat{\text{I}}^{\text{e}}$ -Carrageenan. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3517-3525.	8.0	26
15	Release behavior, kinetic and antimicrobial study of nalidixic acid from $[\text{Zn}_2(\text{btc})_2(\text{dabco})]$ metal-organic frameworks. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2771-2784.	2.2	26
16	Heterojunction of N/B/RGO and g-C3N4 anchored magnetic ZnFe2O4@ZnO for promoting UV/Vis-induced photo-catalysis and in vitro toxicity studies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11430-11443.	5.3	25
17	Probing the interaction of a new synthesized CdTe quantum dots with human serum albumin and bovine serum albumin by spectroscopic methods. <i>Materials Science and Engineering C</i> , 2016, 62, 806-815.	7.3	24
18	Fluorescence enhancement of glutathione capped CdTe/ZnS quantum dots by embedding into cationic starch for sensitive detection of rifampicin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 144-150.	3.9	24

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19	Thermo/pH/magnetic-triple sensitive poly(N-isopropylacrylamide-co-2-dimethylaminoethyl) delivery. <i>Polymer Bulletin</i> , 2018, 75, 5403-5419.	3.3	24
20	Drug release and swelling behavior of magnetic iron oxide nanocomposite hydrogels based on poly(acrylic acid) grafted onto sodium alginate. <i>Polymer Bulletin</i> , 2020, 77, 3001-3015.	3.3	23
21	Zirconium Schiff-Base Complex Modified Mesoporous Silica as an Efficient Catalyst for the Synthesis of Nitrogen Containing Pyrazine Based Heterocycles. <i>Catalysis Letters</i> , 2013, 143, 853-861.	2.6	22
22	A thermo/pH/magnetic-responsive nanogel based on sodium alginate by modifying magnetic graphene oxide: Preparation, characterization, and drug delivery. <i>Iranian Polymer Journal (English Edition)</i> , 2018, 27, 137-144.	2.4	22
23	A sensitive nano-sensor based on synthetic ligand-coated CdTe quantum dots for rapid detection of Cr(III) ions in water and wastewater samples. <i>Colloid and Polymer Science</i> , 2018, 296, 1581-1590.	2.1	19
24	Temperature/pH/magnetic triple sensitive nanogel hydrogel nanocomposite for release of anticancer drug. <i>Polymer International</i> , 2020, 69, 156-164.	3.1	19
25	Sonication Enhanced Removal of Nickel and Cobalt Ions from Polluted Water Using an Iron Based Sorbent. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	1.9	17
26	Development of a novel thermo-responsive hydrogel-coated gold nanorods as a drug delivery system. <i>Gold Bulletin</i> , 2019, 52, 9-17.	2.4	17
27	Efficient and Versatile Application of Fluorescence DNA-Conjugated CdTe Quantum Dots Nanoprobe for Detection of a Specific Target DNA of SARS Cov-2 Virus. <i>Langmuir</i> , 2021, 37, 10223-10232.	3.5	17
28	Novel highly swelling nanoporous hydrogel based on polysaccharide/protein hybrid backbone. <i>Journal of Polymer Research</i> , 2011, 18, 337-346.	2.4	16
29	An iron Schiff base complex loaded mesoporous silica nanoreactor as a catalyst for the synthesis of pyrazine-based heterocycles. <i>Transition Metal Chemistry</i> , 2014, 39, 47-54.	1.4	16
30	Capability of novel fluorescence DNA-conjugated CdTe/ZnS quantum dots nanoprobe for COVID-19 sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120702.	3.9	16
31	SbCl ₃ -catalyzed one-pot synthesis of 4,4'-diaminotriarylmethanes under solvent-free conditions: Synthesis, characterization, and DFT studies. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 135-144.	2.2	14
32	Nanocomposites of sodium alginate biopolymer and CdTe/ZnS quantum dots for fluorescent determination of amantadine. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	14
33	Sonochemical synthesis and swelling behavior of Fe ₃ O ₄ nanocomposite based on poly(acrylamide-co-acrylic acid) hydrogel for drug delivery application. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	14
34	Optical properties of water soluble CdSe quantum dots modified by a novel biopolymer based on sodium alginate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 622-626.	3.9	13
35	Temperature/pH/magnetic triple sensitive nanogel for doxorubicin anticancer drug delivery. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 1189-1200.	1.6	13
36	Synthesis of magnetic multi walled carbon nanotubes hydrogel nanocomposite based on poly (acrylic acid) Tj ETQq0 0 0 rgBT /Overlock 10 T Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126350.	4.7	13

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37	An efficient one-pot synthesis of tri-substituted thiophenes via a multicomponent reaction in water. <i>Journal of Sulfur Chemistry</i> , 2010, 31, 387-393.	2.0	12
38	Novel potentially biocompatible nanoporous hydrogel based on poly ((2-dimethylaminoethyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 <i>Polymer Research</i> , 2013, 20, 1.	2.4	12
39	Non-isothermal dehydration kinetic study of a new swollen biopolymer silver nanocomposite hydrogel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 1383-1391.	3.6	12
40	Drug release study by a novel thermo sensitive nanogel based on salep modified graphene oxide. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	12
41	Embedded of Nanogel into Multi-responsive Hydrogel Nanocomposite for Anticancer Drug Delivery. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2196-2205.	3.7	11
42	A novel dual thermo- and pH-responsive silver nanocomposite hydrogel as a drug delivery system. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 541-549.	2.2	10
43	A novel thermo-sensitive nanogel composing of poly(N-isopropylacrylamide) grafted onto alginate-modified graphene oxide for hydrophilic anticancer drug delivery. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 121-129.	2.2	10
44	A Novel pH, Thermo, and Magnetic Responsive Hydrogel Nanocomposite Containing Nanogel for Anticancer Drug Delivery. <i>Polymer Science - Series B</i> , 2019, 61, 376-386.	0.8	10
45	Synthesis, characterization and energy transfer studies of fluorescent dye-labeled metal-chelating polymers anchoring pendant thiol groups for surface modification of quantum dots and investigation on their application for pH-responsive controlled release of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 544-552.	5.0	9
46	Facile one-pot synthesis of chromeno[4,3- <i>b</i>]quinoline derivatives catalyzed by Cu(II)-Schiff base/SBA-15. <i>Heterocyclic Communications</i> , 2014, 20, 181-184.	1.2	7
47	Salep- <i>g</i> -poly(sodium acrylate)/alumina superabsorbent hydrogel composite as a smart material: Irradiation synthesis and investigation of its swelling behavior. <i>Journal of Vinyl and Additive Technology</i> , 2011, 17, 265-273.	3.4	6
48	FeCl ₃ Mediated Simple, Green, and Efficient Method for the One-Pot Synthesis of Pyrazine-based Polycyclic Aromatic Compounds under Mild Conditions. <i>Polycyclic Aromatic Compounds</i> , 2013, 33, 419-429.	2.6	6
49	Synthesis of Nano-Polymer Supported on Nano-Hydrogel Chitosan Base and Its Application for DOX Delivery. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2457-2468.	5.0	6
50	Novel CMC-CdTe / ZnS QDs Nanosensor for the Detection of Anticancer Drug Epirubicin. <i>Journal of Fluorescence</i> , 2021, 31, 651-658.	2.5	6
51	Surface passivation of CdSe-TOPO quantum dots by poly(acrylic acid): solvent sensitivity and photo-induced emission in water. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 885-890.	2.4	5
52	Interaction of a novel starch-capped CdS quantum dots with human serum albumin and bovine serum albumin. <i>Starch/Staerke</i> , 2016, 68, 329-338.	2.1	5
53	The Effect of Multidentate Biopolymer Based on Polyacrylamide Grafted onto Kappa-Carrageenan on the Spectrofluorometric Properties of Water-Soluble CdS Quantum Dots. <i>International Journal of Spectroscopy</i> , 2011, 2011, 1-6.	1.6	3
54	Spectroscopic studies on the interactions of capped CdS quantum dots with human serum albumin (HSA) and bovine serum albumin (BSA). <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 688-696.	1.6	3

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55	Application of robust syringe-to-syringe dispersive liquid-phase microextraction method for preconcentration and determination of mercury with the aid of an experimental design. <i>Separation Science and Technology</i> , 2022, 57, 274-283.	2.5	3
56	Nano-[Fe ₃ O ₄ @SiO ₂ -R-NHMe ₂][H ₂ PO ₄] as a Highly Effectual and Magnetically Recyclable Catalyst for the Preparation of bis(6-Amino-1,3-dimethyluracil-5-yl)methanes under Solvent-Free Conditions. <i>Organic Preparations and Procedures International</i> , 2021, 53, 379-386.	1.3	3
57	Production, characterization, and application of a novel chitosan-g-maleic anhydride and modified graphene oxide nanocomposite, supported methane sulfonic acid, for efficient synthesis of 1-(benzothiazolylamino) methyl-2-naphtols. <i>Research on Chemical Intermediates</i> , 2021, 47, 4721-4743.	2.7	3
58	CdTe Quantum Dots Embedded in Multidentate Biopolymer Based on Salep: Characterization and Optical Properties. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	2
59	OH ⁺ /Silica-Mediated One-Pot Synthesis of Dithiocarbamates Under Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 871-878.	1.6	1
60	Theoretical investigation on conformational preferences and structural properties of 2-lithio-1,3-diphosphinane and 2-lithio-1,3-dimethyl-1,3-diphosphinane. <i>Structural Chemistry</i> , 2013, 24, 1063-1069.	2.0	1
61	Optical and structural properties of hydrophilic CdTe quantum dots in cationic starch polymeric matrix. <i>Starch/Staerke</i> , 2016, 68, 213-219.	2.1	1
62	5,6-Dimethylpyrazine-2,3-dicarbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3220-o3220.	0.2	0
63	Application of a nanocomposite based on modified salep glucomannan for monitoring controlled release of tetracycline as a model drug. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	0