

# Ghasem Rezanejad Bardajee

## List of Publications by Year in descending order

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149  
papers

2,673  
citations

172457

29  
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289244

40  
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158  
all docs

158  
docs citations

158  
times ranked

3307  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A heterogeneous mesoporous catalyst based on anchored copper: Schiff base complex into SBA-15 for the synthesis of benzimidazoles from orthoesters. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 1226-1233.	1.6	1
4	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
5	Rapid and Highly Sensitive Detection of Target DNA Related to COVID-19 Virus With a Fluorescent Bio-conjugated Probe via a FRET Mechanism. <i>Journal of Fluorescence</i> , 2022, 32, 1959-1967.	2.5	3
6	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
7	Trends of biofuel cells for smart biomedical devices. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3220-3229.	7.1	32
8	Preparation of novel fluorescence nanosensor <sup>13</sup> C - CdTe/ZnS quantum dots for high accurate detection of Epirubicin. <i>Materials Today Communications</i> , 2021, 26, 101874.	1.9	4
9	Sonochemical synthesis and swelling behavior of Fe3O4 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
10	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
11	Synthesis of magnetic multi walled carbon nanotubes hydrogel nanocomposite based on poly (acrylic) Tj ETQq1 1 0.784314 rgBT /Over Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126350.	4.7	13
12	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
13	Fluorescent apta-nanobiosensors for fast and sensitive detection of digoxin in biological fluids using rQDs: Comparison of two approaches for immobilization of aptamer. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127133.	7.8	34
14	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
15	Ni(II)-Schiff base/SBA-15: a nanostructure and reusable catalyst for one-pot three-component green synthesis of 3,4-dihydropyrano[3,2-c]chromene derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 347-367.	2.7	18
16	Temperature/pH/magnetic triple-sensitive nanogel hydrogel nanocomposite for release of anticancer drug. <i>Polymer International</i> , 2020, 69, 156-164.	3.1	19
17	Determination of micropore volumes of ZSM-5 zeolite samples by diffuse reflectance infrared Fourier transform (DRIFT) spectroscopy using back-propagation artificial neural network (BP-ANN) and non-negative matrix factorization -alternating least squares (NMF-ALS) as chemometric approaches. <i>Infrared Physics and Technology</i> , 2020, 111, 103543.	2.9	8
18	Tungstate ion (WO4 <sup>2-</sup> ) confined in hydrophilic/hydrophobic nanomaterials functionalized by ionic liquid as highly active catalyst in the selective aerobic oxidation of alcohols in water. <i>Molecular Catalysis</i> , 2020, 497, 111202.	2.0	4

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19	Green and efficient synthesis of new pyrido[2,3-d]pyrimidine derivatives using Pd/SBA-15 as a nanocatalyst. <i>Arkivoc</i> , 2020, 2020, 84-93.	0.5	0
20	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
21	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
22	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
23	An efficient synthesis of highly substituted functionalized pyrroles via a four-component coupling reaction catalyzed by Fe(III)-Schiff base/SBA-15. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 1213-1220.	1.6	1
24	Synthesis, characterization, and applications of novel Co( $\text{II}$ )-pyridoxal $\text{phosphate}$ -Schiff base/SBA-15 as a nanocatalyst for the green synthesis of benzothiazole heterocycles. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1490-1500.	1.4	9
25	Stimuli-Responsive Hydrogel Based on Poly((2-Dimethylamino)Ethyl Methacrylate) Grafted onto Sodium Alginate as a Drug Delivery System. <i>Polymer Science - Series B</i> , 2019, 61, 642-652.	0.8	7
26	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
27	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
28	Fabrication of a nanomaterial-based fluorescence sensor constructed from ligand capped CdTe quantum dots for ultrasensitive and rapid detection of silver ions in aqueous samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 291-298.	3.9	17
29	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
30	Facile access to new pyrido[2,3-d]pyrimidine derivatives. <i>Molecular Diversity</i> , 2019, 23, 333-340.	3.9	5
31	Thermo/pH/magnetic-triple sensitive poly(N-isopropylacrylamide-co-2-dimethylaminoethyl) delivery. <i>Polymer Bulletin</i> , 2018, 75, 5403-5419.	3.3	24
32	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
33	Dye removal from aqueous solutions using novel nanocomposite hydrogel derived from sodium montmorillonite nanoclay and modified starch. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 2303-2316.	3.5	21
34	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
35	pH-Responsive fluorescent dye-labeled metal-chelating polymer with embedded cadmium telluride quantum dots for controlled drug release of doxorubicin. <i>Reactive and Functional Polymers</i> , 2018, 133, 45-56.	4.1	10
36	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

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37	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
38	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
39	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
40	Biocompatible Magnetic Hydrogel Nanocomposite Based on Carboxymethylcellulose: Synthesis, Cell Culture Property and Drug Delivery. <i>Polymer Science - Series B</i> , 2018, 60, 231-242.	0.8	20
41	Fabrication and optimization of a sensitive tetracycline fluorescent nano-sensor based on oxidized starch polysaccharide biopolymer-capped CdTe/ZnS quantum dots: Boxâ€Behnken design. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 367, 188-199.	3.9	16
42	Cds and Cdse Quantum Dot Solar Cells Production and Improving Efficiency of the Cells by Ion-Doped Quantum Points Cds Holmium. <i>Biomedical Journal of Scientific &amp; Technical Research</i> , 2018, 11, .	0.1	0
43	Application of central composite design for methyl red dispersive solid phase extraction based on silver nanocomposite hydrogel: Microwave assisted synthesis. <i>Microchemical Journal</i> , 2017, 133, 358-369.	4.5	17
44	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
45	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
46	A green and efficient synthesis of 2-thioxoquinazolinone derivatives in water using potassium thiocyanate. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 519-529.	2.0	4
47	Dendrimer-reinforced sol-gel based hollow fiber solid-phase microextraction for citalopram determination using response surface methodology. <i>Journal of Separation Science</i> , 2017, 40, 2246-2252.	2.5	6
48	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
49	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
50	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
51	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
52	Release behavior, kinetic and antimicrobial study of nalidixic acid from [Zn <sub>2</sub> (bdc) <sub>2</sub> (dabco)] metal-organic frameworks. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2771-2784.	2.2	26
53	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
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	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
56	Cu(II)-Schiff base/SBA-15 as an efficient catalyst for synthesis of decahydroacridine-1,8-diones. <i>Asian Journal of Green Chemistry</i> , 2017, 2, 89-97.	0.7	12
57	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
58	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
59	Ultrasonically accelerated synthesis of silver nanocomposite hydrogel based on salep biopolymer: application in Rhodamine dye adsorption. <i>Iranian Polymer Journal (English Edition)</i> , 2016, 25, 1047-1063.	2.4	11
60	Magnetic dispersive micro solid-phase extraction for trace mercury pre-concentration and determination in water, hemodialysis solution and fish samples. <i>Microchemical Journal</i> , 2016, 127, 170-177.	4.5	33
61	Copper(II)-diaminosarcophagine-functionalized SBA-15: a heterogeneous nanocatalyst for the synthesis of benzimidazole, benzoxazole and benzothiazole derivatives under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 51-58.	3.5	20
62	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
63	Nano-Ni(II)/Y Zeolite Catalyzed Synthesis of 2-Aryl- and 2-Alkyl Benzimidazoles Under Solvent-Free Conditions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1526-1531.	0.6	18
64	Simple and efficient protocol for the synthesis of benzoxazole, benzoimidazole and benzothiazole heterocycles using Fe(III)-Schiff base/SBA-15 as a nanocatalyst. <i>Chinese Chemical Letters</i> , 2016, 27, 265-270.	9.0	39
65	Molecular Docking and Spectroscopic Study on the Interaction of Serum Albumin with Iron(III) Diamine Sarcophagine. <i>Australian Journal of Chemistry</i> , 2015, 68, 999.	0.9	3
66	Transition metal doping for enhancing quantum dot sensitized solar cells performance. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 095101.	2.8	9
67	Synthesis and characterization of a novel Schiff-base/SBA-15 nanoadsorbent for removal of methylene blue from aqueous solutions. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1737-1748.	3.5	11
68	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
69	Facile, novel and efficient synthesis of new pyrazolo[3,4-b]pyridine products from condensation of pyrazole-5-amine derivatives and activated carbonyl groups. <i>RSC Advances</i> , 2015, 5, 89652-89658.	3.6	35
70	Efficient solvent-free synthesis of pyridopyrazine and quinoxaline derivatives using copper-DiAmSar complex anchored on SBA-15 as a reusable catalyst. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1379-1386.	14.0	8
71	Simple and efficient syntheses of novel benzo[4,5]imidazo[1,2-a]pyridine derivatives. <i>Tetrahedron Letters</i> , 2015, 56, 743-746.	1.4	21
72	Investigations on the interactions of DiAmsar with serum albumins: Insights from spectroscopic and molecular docking techniques. <i>Luminescence</i> , 2015, 30, 538-548.	2.9	7

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73	In vitro study on the interaction of Mn(II)-DiAmsar with human serum albumin (HSA) and bovine serum albumin (BSA) by spectroscopic and molecular docking methods. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 715-725.	2.2	15
74	Study on the interaction of Co (III) DiAmsar with serum albumins: Spectroscopic and molecular docking methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 410-416.	3.9	16
75	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
76	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
77	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
78	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
79	A novel method for the synthesis of benzothiazole heterocycles catalyzed by a copper-DiAmsar complex loaded on SBA-15 in aqueous media. <i>RSC Advances</i> , 2014, 4, 62888-62894.	3.6	20
80	Combined spectroscopic and molecular docking techniques to study interaction of Zn (II) DiAmsar with serum albumins. <i>Journal of Luminescence</i> , 2014, 156, 55-62.	3.1	13
81	Improving optical properties of CdTe quantum dots by a new multidentate biopolymer based on salep. <i>Materials Science in Semiconductor Processing</i> , 2014, 19, 89-94.	4.0	16
82	Dye fluorescence quenching by newly synthesized silver nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 276, 113-121.	3.9	29
83	Novel potentially biocompatible nanoporous hydrogel based on poly ((2-dimethylaminoethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 107 Polymer Research, 2013, 20, 1.	2.4	12
84	A facile route to functionalized naphthalimide dyes via copper-catalyzed C-N, C-O, and C-S cross-coupling reactions in aqueous medium. <i>Tetrahedron Letters</i> , 2013, 54, 4937-4941.	1.4	10
85	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
86	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
87	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
88	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
89	Antibacterial and optical properties of a new water soluble CdSe quantum dots coated by multidentate biopolymer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 252, 46-52.	3.9	12
90	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

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91	Microwave-assisted solvent-free synthesis of fluorescent naphthalimide dyes. <i>Dyes and Pigments</i> , 2013, 99, 52-58.	3.7	12
92	ZrOCl <sub>2</sub> ·8H <sub>2</sub> O in water: An efficient catalyst for rapid one-pot synthesis of pyridopyrazines, pyrazines and 2,3-disubstituted quinoxalines. <i>Comptes Rendus Chimie</i> , 2013, 16, 872-877.	0.5	12
93	Palladium Schiff-base complex loaded SBA-15 as a novel nanocatalyst for the synthesis of 2,3-disubstituted quinoxalines and pyridopyrazine derivatives. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 67-74.	4.4	41
94	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
95	THE SURFACE MODIFICATION OF CdSe TGA QUANTUM DOTS WITH MULTIDENTATE BIOPOLYMER LIGAND BASED ON SALEP: AN EASY ROUTE FOR ENHANCING FLUORESCENCE INTENSITY. <i>Nano</i> , 2013, 08, 1350012.	1.0	0
96	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
97	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
98	FeCl <sub>3</sub> 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
99	5,6-Dimethylpyrazine-2,3-dicarbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3220-o3220.	0.2	0
100	Preparation and Characterization of Water-soluble and Highly Fluorescent Biopolymer-conjugated CdS Quantum Dots. <i>Current Nanoscience</i> , 2012, 8, 361-366.	1.2	2
101	Highly fluorescent water-soluble CdTe quantum dots: coating by a natural biopolymer based on kappa-carrageenan in water. <i>Micro and Nano Letters</i> , 2012, 7, 667.	1.3	4
102	OH <sup>-</sup> /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
103	Covalent anchoring of copper-Schiff base complex into SBA-15 as a heterogeneous catalyst for the synthesis of pyridopyrazine and quinoxaline derivatives. <i>Catalysis Communications</i> , 2012, 27, 49-53.	3.3	36
104	Optical Properties of Water-Soluble CdTe Quantum Dots Passivated by a Biopolymer Based on Poly((2-dimethylaminoethyl) methacrylate) Grafted onto $\kappa$ -Carrageenan. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3517-3525.	8.0	26
105	A superabsorbent hydrogel network based on poly((2-dimethylaminoethyl) methacrylate) and sodium alginate obtained by $\beta$ -radiation: synthesis and characterization. <i>Iranian Polymer Journal (English)</i> Tj ETQq1 1 0.784214 rgBT 10overloc	1.7	13
106	A novel and green biomaterial based silver nanocomposite hydrogel: Synthesis, characterization and antibacterial effect. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 367-373.	3.5	62
107	Preparation and Investigation on Swelling and Drug Delivery Properties of a Novel Silver/Salep-g-Poly(Acrylic Acid) Nanocomposite Hydrogel. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2635-2641.	1.9	20
108	Salep-poly(sodium acrylate)/alumina as an environmental-sensitive biopolymer superabsorbent composite: Synthesis and investigation of its swelling behavior. <i>Advances in Polymer Technology</i> , 2012, 31, 41-51.	1.7	13

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109	SbCl <sub>3</sub> -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
110	Synthesis and fluorescent properties investigation of CdSe quantum dots embedded in a biopolymer based on poly((2-dimethylaminoethyl) methacrylate) grafted onto Î-carrageenan. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 387, 92-98.	4.7	4
111	Novel nano-porous hydrogel as a carrier matrix for oral delivery of tetracycline hydrochloride. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 392, 16-24.	4.7	41
112	Hydrophilic alginate based multidentate biopolymers for surface modification of CdS quantum dots. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 202-207.	5.0	15
113	Salep-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
114	Novel highly swelling nanoporous hydrogel based on polysaccharide/protein hybrid backbone. <i>Journal of Polymer Research</i> , 2011, 18, 337-346.	2.4	16
115	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
116	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
117	ZrOCl <sub>2</sub> · 8H <sub>2</sub> O: An efficient catalyst for rapid one-pot synthesis of 3-carboxycoumarins under ultrasound irradiation in water. <i>Open Chemistry</i> , 2010, 8, 370-374.	1.9	8
118	Gamma irradiation mediated synthesis of a new superabsorbent hydrogel network based on poly(acrylic acid) grafted onto salep. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 652-662.	2.2	16
119	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
120	Reagent-Free Facile Synthesis of Silver Nanoparticles/ Nanorods Hybrid. , 2010, , .		0
121	Irradiation synthesis of biopolymer-based superabsorbent hydrogel: Optimization using the Taguchi method and investigation of its swelling behavior. <i>Advances in Polymer Technology</i> , 2009, 28, 131-140.	1.7	17
122	An Efficient Solvent-Free Synthetic Technique of 4,4'-Diaminotriarylmethane Leuco Materials. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1415-1419.	4.9	14
123	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
124	Preparative size-exclusion chromatography for purification and characterization of colloidal quantum dots bound by chromophore-labeled polymers and low-molecular-weight chromophores. <i>Journal of Chromatography A</i> , 2009, 1216, 5011-5019.	3.7	24
125	Bi(NO <sub>3</sub> ) <sub>3</sub> · 5H <sub>2</sub> O mediated synthesis of 4,4'-diaminotriarylmethane leuco malachite compounds under solvent-free conditions. <i>Open Chemistry</i> , 2009, 7, 138-142.	1.9	6
126	Determination of the Förster Distance in Polymer Films by Fluorescence Decay for Donor Dyes with a Nonexponential Decay Profile. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2262-2272.	2.6	31



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