

# Prof Ali Pourjavadi

## List of Publications by Year in descending order

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180  
papers

8,017  
citations

53794

45  
h-index

66911

78  
g-index

183  
all docs

183  
docs citations

183  
times ranked

8539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and mechanistic study of nano chitosan tetrazole as a novel and promising platform for CRISPR delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 116-126.	3.4	24
2	A Regioselective Approach to Synthesize Indolyl Diketone Derivatives via Magnetic Polymeric Copper-Catalyst. <i>Catalysis Letters</i> , 2022, 152, 1119-1130.	2.6	1
3	Magnetic, thermally stable, and superhydrophobic polyurethane sponge: A high efficient adsorbent for separation of the marine oil spill pollution. <i>Chemosphere</i> , 2022, 287, 132254.	8.2	25
4	Green metal-organic frameworks (MOFs) for biomedical applications. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111670.	4.4	65
5	Thermally Conductive and Superhydrophobic Polyurethane Sponge for Solar-Assisted Separation of High-Viscosity Crude Oil from Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 7329-7339.	8.0	27
6	Facile and tunable method for polymeric surface modification of magnetic nanoparticles via RAFT polymerization: Preparation, characterization, and drug release properties. <i>European Polymer Journal</i> , 2022, 167, 111067.	5.4	5
7	Synthesis and Properties of Multi-stimuli-Responsive Water-Soluble Hyperbranched Polymers Prepared Via Reversible Addition-Fragmentation Chain Transfer Self-Condensing Vinyl Polymerization. <i>ACS Applied Polymer Materials</i> , 2022, 4, 692-702.	4.4	12
8	An environmentally friendly wound dressing based on a self-healing, extensible and compressible antibacterial hydrogel. <i>Green Chemistry</i> , 2021, 23, 1312-1329.	9.0	69
9	Multi-stimuli-responsive hydrogels and their medical applications. <i>New Journal of Chemistry</i> , 2021, 45, 15705-15717.	2.8	36
10	An advancement in the synthesis of nano Pd@magnetic amine-Functionalized UiO-66-NH <sub>2</sub> catalyst for cyanation and O-arylation reactions. <i>Scientific Reports</i> , 2021, 11, 11387.	3.3	19
11	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8706-8720.	6.7	43
12	Enhanced photocatalytic activity of ZnO/g-C <sub>3</sub> N <sub>4</sub> nanofibers constituting carbonaceous species under simulated sunlight for organic dye removal. <i>Ceramics International</i> , 2021, 47, 26185-26196.	4.8	41
13	pH and thermal dual-responsive poly(NIPAM-co-GMA)-coated magnetic nanoparticles via surface-initiated RAFT polymerization for controlled drug delivery. <i>Materials Science and Engineering C</i> , 2020, 108, 110418.	7.3	73
14	A pH-sensitive carrier based-on modified hollow mesoporous carbon nanospheres with calcium-latched gate for drug delivery. <i>Materials Science and Engineering C</i> , 2020, 109, 110517.	7.3	16
15	Synthesis and characterization of multi stimuli-responsive block copolymer-silica hybrid nanocomposite with core-shell structure via RAFT polymerization. <i>Composites Science and Technology</i> , 2020, 188, 107951.	7.8	40
16	Magnetic and light-responsive nanogels based on chitosan functionalized with Au nanoparticles and poly( <i>N</i> -isopropylacrylamide) as a remotely triggered drug carrier. <i>New Journal of Chemistry</i> , 2020, 44, 17302-17312.	2.8	23
17	Highly stretchable, self-adhesive, and self-healable double network hydrogel based on alginate/polyacrylamide with tunable mechanical properties. <i>Journal of Polymer Science</i> , 2020, 58, 2062-2073.	3.8	37
18	Immobilization of Au nanoparticles on poly(glycidyl methacrylate)-functionalized magnetic nanoparticles for enhanced catalytic application in the reduction of nitroarenes and Suzuki reaction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5828.	3.5	14

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19	Graphene oxide functionalized with oxygen-rich polymers as a pH-sensitive carrier for co-delivery of hydrophobic and hydrophilic drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101542.	3.0	28
20	A novel magnetic polyacrylonitrile-based palladium Core-Shell complex: A highly efficient catalyst for Synthesis of Diaryl ethers. <i>Journal of Organometallic Chemistry</i> , 2020, 916, 121266.	1.8	9
21	Polyacrylamide-grafted magnetic reduced graphene oxide nanocomposite: preparation and adsorption properties. <i>Colloid and Polymer Science</i> , 2019, 297, 917-926.	2.1	18
22	Poly(glycidyl methacrylate)-coated magnetic graphene oxide as a highly efficient nanocarrier: preparation, characterization, and targeted DOX delivery. <i>New Journal of Chemistry</i> , 2019, 43, 18647-18656.	2.8	18
23	Synthesis and characterization of magnetic hybrid nanomaterials via RAFT polymerization: A pH sensitive drug delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 153-160.	5.0	29
24	Injectable chitosan/β-carrageenan hydrogel designed with Au nanoparticles: A conductive scaffold for tissue engineering demands. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 310-317.	7.5	83
25	Facile fabrication of superhydrophobic nanocomposite coating using modified silica nanoparticles and non-fluorinated acrylic copolymer. <i>Polymer Bulletin</i> , 2018, 75, 4641-4655.	3.3	5
26	Covalent Immobilization of Cellulase Using Magnetic Poly(ionic liquid) Support: Improvement of the Enzyme Activity and Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 789-798.	5.2	104
27	Delivery of Hydrophobic Anticancer Drugs by Hydrophobically Modified Alginate Based Magnetic Nanocarrier. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 822-832.	3.7	47
28	Magnetic Nanocomposite of Cross-Linked Melamine Groups Decorated with Large Amounts of Gold NPs: Reduction of Nitro Compounds and Suzuki-Miyaura Coupling Reactions in Aqueous Media. <i>ChemistrySelect</i> , 2018, 3, 2716-2722.	1.5	12
29	Facile synthesis of extremely biocompatible double-network hydrogels based on chitosan and poly(vinyl alcohol) with enhanced mechanical properties. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45752.	2.6	16
30	Immobilization of nickel ions onto the magnetic nanocomposite based on cross-linked melamine groups: Effective heterogeneous catalyst for N-Arylation of Arylboronic acids. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4107.	3.5	8
31	Codelivery of Hydrophobic and Hydrophilic Drugs by Graphene-Decorated Magnetic Dendrimers. <i>Langmuir</i> , 2018, 34, 15304-15318.	3.5	41
32	Palladium nanoparticle-decorated magnetic pomegranate peel-derived porous carbon nanocomposite as an excellent catalyst for Suzuki-Miyaura and Sonogashira cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4480.	3.5	19
33	Gold-Decorated 3D 2,6-Diaminopyridine Network: A Robust Catalyst for the Bromination of Aromatic Compounds. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 12314-12322.	3.7	10
34	Tuning Composition of Electrospun ZnO/CuO Nanofibers: Toward Controllable and Efficient Solar Photocatalytic Degradation of Organic Pollutants. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3327-3338.	3.1	117
35	Tungstate-loaded triazine-based magnetic poly(Bis-imidazolium ionic liquid): An effective bi-functional catalyst for tandem selective oxidation/Knoevenagel condensation in water. <i>Polymer</i> , 2017, 112, 342-350.	3.8	26
36	Poly(N-isopropylacrylamide)-coated β-cyclodextrin-capped magnetic mesoporous silica nanoparticles exhibiting thermal and pH dual response for triggered anticancer drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 336-348.	3.4	23

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37	Gold nanoparticles anchored onto the magnetic poly(ionic-liquid) polymer as robust and recoverable catalyst for reduction of Nitroarenes. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3825.	3.5	28
38	Magnetic GO-PANI decorated with Au NPs: A highly efficient and reusable catalyst for reduction of dyes and nitro aromatic compounds. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3881.	3.5	20
39	Smart and Fragrant Garment via Surface Modification of Cotton Fabric With Cinnamon Oil/Stimuli Responsive PNIPAAm/Chitosan Nano Hydrogels. <i>IEEE Transactions on Nanobioscience</i> , 2017, 16, 455-462.	3.3	8
40	Magnetic nanocomposite based on functionalized salep as a green support for immobilization of palladium nanoparticles: Reusable heterogeneous catalyst for Suzuki coupling reactions. <i>Catalysis Communications</i> , 2017, 97, 27-31.	3.3	38
41	Gold nanoparticles supported on ionic liquid-modified cellulose as an efficient and recyclable catalyst for the oxidation of alcohols to aldehydes/ketones and reduction of nitroarenes. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3783.	3.5	8
42	Graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> )-based photocatalysts for solar hydrogen generation: recent advances and future development directions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23406-23433.	10.3	472
43	Synthesis of water dispersible reduced graphene oxide via supramolecular complexation with modified β <sup>2</sup> -cyclodextrin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 235-242.	3.4	6
44	Novel salep-based chelating hydrogel for heavy metal removal from aqueous solutions. <i>Polymers for Advanced Technologies</i> , 2016, 27, 999-1005.	3.2	5
45	Ultrafast and efficient removal of cationic dyes using a magnetic nanocomposite based on functionalized cross-linked poly(methylacrylate). <i>Reactive and Functional Polymers</i> , 2016, 105, 95-102.	4.1	16
46	Dendrimer-like supramolecular nanovalves based on polypseudorotaxane and mesoporous silica-coated magnetic graphene oxide: a potential pH-sensitive anticancer drug carrier. <i>Supramolecular Chemistry</i> , 2016, 28, 624-633.	1.2	12
47	Efficient removal of cationic dyes using a new magnetic nanocomposite based on starch-g-poly(vinylalcohol) and functionalized with sulfate groups. <i>RSC Advances</i> , 2016, 6, 38042-38051.	3.6	49
48	Graphene oxide/poly(imidazole/imidazolium) nanocomposite: An effective support for immobilization of large amounts of Pd nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 38, 82-92.	5.8	17
49	Immobilized tungstate on magnetic poly(2-ammonium ethyl acrylamide): A high loaded heterogeneous catalyst for selective oxidation of sulfides using H <sub>2</sub> O <sub>2</sub> . <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 44, 73-81.	5.8	16
50	Highly dispersible bis-imidazolium/WO <sub>4</sub> <sup>2-</sup> modified magnetic nanoparticles: a heterogeneous phase transfer catalyst for green and selective oxidations. <i>New Journal of Chemistry</i> , 2016, 40, 10325-10332.	2.8	16
51	Hydrazine-modified starch coated magnetic nanoparticles as an effective pH-responsive nanocarrier for doxorubicin delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 39, 203-209.	5.8	40
52	Immobilized copper(II) on nitrogen-rich polymer-entrapped Fe <sub>3</sub> O <sub>4</sub> nanoparticles: a highly loaded and magnetically recoverable catalyst for aqueous click chemistry. <i>Applied Organometallic Chemistry</i> , 2016, 30, 73-80.	3.5	28
53	Preparation of porous graphene oxide/hydrogel nanocomposites and their ability for efficient adsorption of methylene blue. <i>RSC Advances</i> , 2016, 6, 10430-10437.	3.6	88
54	Dendritic multi-walled carbon nanotube with thermoresponsive shells: A good carrier for anticancer drugs. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 35, 332-340.	5.8	5

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55	A new functionalized magnetic nanocomposite of poly(methylacrylate) for the efficient removal of anionic dyes from aqueous media. <i>RSC Advances</i> , 2016, 6, 7982-7989.	3.6	12
56	Magnetic starch nanocomposite as a green heterogeneous support for immobilization of large amounts of copper ions: heterogeneous catalyst for click synthesis of 1,2,3-triazoles. <i>RSC Advances</i> , 2016, 6, 19128-19135.	3.6	44
57	Porous Carrageenan-g-polyacrylamide/bentonite superabsorbent composites: swelling and dye adsorption behavior. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	35
58	Synthesis of new electromagnetic nanocomposite based on modified Fe <sub>3</sub> O <sub>4</sub> nanoparticles with enhanced magnetic, conductive, and catalytic properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 384-390.	3.4	6
59	Mesoporous silica nanoparticles with bilayer coating of poly(acrylic acid-co-itaconic acid) and human serum albumin (HSA): A pH-sensitive carrier for gemcitabine delivery. <i>Materials Science and Engineering C</i> , 2016, 61, 782-790.	7.3	61
60	Highly dispersible and magnetically recyclable poly(1-vinyl imidazole) brush coated magnetic nanoparticles: an effective support for the immobilization of palladium nanoparticles. <i>New Journal of Chemistry</i> , 2016, 40, 1729-1736.	2.8	7
61	Folate-Conjugated pH-Responsive Nanocarrier Designed for Active Tumor Targeting and Controlled Release of Gemcitabine. <i>Pharmaceutical Research</i> , 2016, 33, 417-432.	3.5	29
62	PEG-co-Polyvinyl Pyridine Coated Magnetic Mesoporous Silica Nanoparticles for pH-Responsive Controlled Release of Doxorubicin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 570-577.	3.4	17
63	Dendritic magnetite decorated by pH-responsive PEGylated starch: a smart multifunctional nanocarrier for the triggered release of anti-cancer drugs. <i>RSC Advances</i> , 2015, 5, 48586-48595.	3.6	18
64	The effect of protein corona on doxorubicin release from the magnetic mesoporous silica nanoparticles with polyethylene glycol coating. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	19
65	Cellulose-immobilized NHC-Cu complex: an efficient and reusable catalyst for multicomponent synthesis of 1,2,3-triazoles. <i>RSC Advances</i> , 2015, 5, 99498-99501.	3.6	14
66	Graphene oxide/poly(vinyl imidazole) nanocomposite: an effective support for preparation of highly loaded heterogeneous copper catalyst. <i>Applied Organometallic Chemistry</i> , 2015, 29, 601-607.	3.5	32
67	Functionalized mesoporous silica-coated magnetic graphene oxide by polyglycerol-g-polycaprolactone with pH-responsive behavior: Designed for targeted and controlled doxorubicin delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 28, 45-53.	5.8	50
68	Magnetic graphene oxide mesoporous silica hybrid nanoparticles with dendritic pH sensitive moieties coated by PEGylated alginate-co-poly (acrylic acid) for targeted and controlled drug delivery purposes. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	12
69	Hydrogel nanocomposite based on chitosan-g-acrylic acid and modified nanosilica with high adsorption capacity for heavy metal ion removal. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 725-734.	2.4	34
70	Copper-loaded polymeric magnetic nanocatalysts as retrievable and robust heterogeneous catalysts for click reactions. <i>New Journal of Chemistry</i> , 2015, 39, 4591-4600.	2.8	42
71	Gold immobilized onto poly(ionic liquid) functionalized magnetic nanoparticles: a robust magnetically recoverable catalyst for the synthesis of propargylamine in water. <i>RSC Advances</i> , 2015, 5, 34502-34510.	3.6	59
72	Copper loaded cross-linked poly(ionic liquid): robust heterogeneous catalyst in ppm amount. <i>RSC Advances</i> , 2015, 5, 29609-29617.	3.6	26

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73	Synthesis of magnetic graphene oxide-containing nanocomposite hydrogels for adsorption of crystal violet from aqueous solution. <i>RSC Advances</i> , 2015, 5, 32263-32271.	3.6	70
74	Synthesis of a Series of PEG-Based ABA Triblock Copolymers and Their Influence on Rheology of Cement Slurries. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1113-1121.	1.9	1
75	Preparation of PVA nanocomposites using salep-reduced graphene oxide with enhanced mechanical and biological properties. <i>RSC Advances</i> , 2015, 5, 92428-92437.	3.6	20
76	Synthesis and characterization of semi-conductive nanocomposite based on hydrolyzed collagen and in vitro electrically controlled drug release study. <i>Polymer</i> , 2015, 76, 287-294.	3.8	29
77	Chitosan based supramolecular polypseudorotaxane as a pH-responsive polymer and their hybridization with mesoporous silica-coated magnetic graphene oxide for triggered anticancer drug delivery. <i>Polymer</i> , 2015, 76, 52-61.	3.8	45
78	Polymeric ionic liquid nanogel-anchored tungstate anions: a robust catalytic system for oxidation of sulfides to sulfoxides. <i>New Journal of Chemistry</i> , 2015, 39, 1348-1354.	2.8	13
79	Functionalized Poly(Amidoamine) Dendrimer as a Strong Ionic Brønsted Acid Organocatalyst for Protection/Deprotection of Aldehydes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1794-1801.	1.6	3
80	Adsorption characteristics of malachite green dye onto novel kappa-carrageenan-g-polyacrylic acid/TiO <sub>2</sub> -NH <sub>2</sub> hydrogel nanocomposite. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1057-1065.	2.2	33
81	Novel high loaded magnetic nanocatalyst based on multi-layered coating of poly(1-vinylimidazole). <i>Chemical Engineering Journal</i> , 2014, 247, 85-92.	12.7	11
82	Magnetic pH-responsive nanocarrier with long spacer length and high colloidal stability for controlled delivery of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 49-54.	5.0	43
83	Role of CdO addition on the growth and photocatalytic activity of electrospun ZnO nanofibers: UV vs. visible light. <i>Applied Surface Science</i> , 2014, 298, 147-154.	6.1	44
84	Preparation and evaluation of a polymeric gel containing ionic liquid-functionalized MWCNTs as a novel class of organic solvent absorbent. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3166-3172.	2.3	9
85	Albumin-graphene oxide conjugates; carriers for anticancer drugs. <i>RSC Advances</i> , 2014, 4, 33001.	3.6	41
86	Magnetic/pH-sensitive kappa-carrageenan/sodium alginate hydrogel nanocomposite beads: preparation, swelling behavior, and drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 1891-1906.	3.5	97
87	Mesoporous Silica Nanoparticles (MCM-41) Coated PEGylated Chitosan as a pH-Responsive Nanocarrier for Triggered Release of Erythromycin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 692-697.	3.4	50
88	Cross-linked poly(dimethylaminoethyl acrylamide) coated magnetic nanoparticles: a high loaded, retrievable, and stable basic catalyst for the synthesis of benzopyranes in water. <i>RSC Advances</i> , 2014, 4, 50047-50055.	3.6	28
89	Magnetic nanoparticles entrapped in the cross-linked poly(imidazole/imidazolium) immobilized Cu(II): an effective heterogeneous copper catalyst. <i>RSC Advances</i> , 2014, 4, 46418-46426.	3.6	33
90	Polymer-functionalized carbon nanotubes in cancer therapy: a review. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 387-403.	2.4	26



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91	Multiwalled carbon nanotubeâ€“polyelectrolyte gels: Preparation and swelling behavior for organic solvents. <i>Solid State Ionics</i> , 2014, 257, 32-37.	2.7	4
92	Protein-Directed Synthesis of $\text{Fe}_3\text{O}_4$ Nanoparticles and Their Magnetic Properties Investigation. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1375-1378.	1.9	3
93	Magnetic removal of crystal violet from aqueous solutions using polysaccharideâ€“based magnetic nanocomposite hydrogels. <i>Polymer International</i> , 2013, 62, 1038-1044.	3.1	31
94	Novel carbonâ€“nanotubeâ€“based organogels as candidates for oil recovery. <i>Polymer International</i> , 2013, 62, 179-183.	3.1	55
95	Cross-linked basic nanogel; robust heterogeneous organocatalyst. <i>Chemical Engineering Journal</i> , 2013, 232, 453-457.	12.7	13
96	Interactions between superabsorbent polymers and cement-based composites incorporating colloidal silica nanoparticles. <i>Cement and Concrete Composites</i> , 2013, 37, 196-204.	10.7	113
97	Tungstate based poly(ionic liquid) entrapped magnetic nanoparticles: a robust oxidation catalyst. <i>Green Chemistry</i> , 2013, 15, 2913.	9.0	61
98	Ionic modified crosslinked salep: A highly loaded and efficient heterogeneous organocatalyst. <i>Carbohydrate Polymers</i> , 2013, 92, 2252-2256.	10.2	9
99	Synthesis and characterization of salep sulfate and its utilization in preparation of heavy metal ion adsorbent. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3001-3008.	2.6	7
100	Fully supramolecular vesicles as anticancer drug delivery systems. <i>New Journal of Chemistry</i> , 2013, 37, 295-298.	2.8	23
101	Synergism of oxygen vacancy and carbonaceous species on enhanced photocatalytic activity of electrospun ZnO-carbon nanofibers: Charge carrier scavengers mechanism. <i>Applied Catalysis A: General</i> , 2013, 466, 153-160.	4.3	89
102	Water dispersed magnetic nanoparticles (H <sub>2</sub> O-DMNPs) of $\text{Fe}_3\text{O}_4$ for multicomponent coupling reactions: a green, single-pot technique for the synthesis of tetrahydro-4H-chromenes and hexahydroquinoline carboxylates. <i>Tetrahedron Letters</i> , 2013, 54, 3344-3347.	1.4	93
103	Novel cationic-modified salep as an efficient flocculating agent for settling of cement slurries. <i>Carbohydrate Polymers</i> , 2013, 93, 506-511.	10.2	46
104	Poly(basic ionic liquid) coated magnetic nanoparticles: High-loaded supported basic ionic liquid catalyst. <i>Comptes Rendus Chimie</i> , 2013, 16, 906-911.	0.5	24
105	Surface modification of cotton fabric with dualâ€“responsive PNIPAAm/chitosan nano hydrogel. <i>Polymers for Advanced Technologies</i> , 2013, 24, 797-806.	3.2	41
106	Improvement in Oil Absorbency by Using Modified Carbon Nanotubes in Preparation of Oil Sorbents. <i>Advances in Polymer Technology</i> , 2013, 32, .	1.7	15
107	Magnetic nanoparticles coated by acidic functionalized poly(amidoamine) dendrimer: Effective acidic organocatalyst. <i>Catalysis Communications</i> , 2012, 28, 86-89.	3.3	40
108	Synthesis and characterization of a novel (salep phosphate)-based hydrogel as a carrier matrix for fertilizer release. <i>Reactive and Functional Polymers</i> , 2012, 72, 667-672.	4.1	42

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109	Multi-Layer Functionalized Poly(Ionic Liquid) Coated Magnetic Nanoparticles: Highly Recoverable and Magnetically Separable Brønsted Acid Catalyst. <i>ACS Catalysis</i> , 2012, 2, 1259-1266.	11.2	148
110	Improving the performance of cement-based composites containing superabsorbent polymers by utilization of nano-SiO <sub>2</sub> particles. <i>Materials &amp; Design</i> , 2012, 42, 94-101.	5.1	114
111	A superabsorbent hydrogel network based on poly((2-dimethylaminoethyl) methacrylate) and sodium alginate obtained by <sup>137</sup> Cs-radiation: synthesis and characterization. <i>Iranian Polymer Journal (English)</i> Tj ETQq1 1 0.784214 rgBT \$0verloc	4.8	114
112	Novel polyelectrolyte gels as absorbent polymers for nonpolar organic solvents based on polymerizable ionic liquids. <i>Polymer</i> , 2012, 53, 5737-5742.	3.8	29
113	Crosslinked poly(ionic liquid) as high loaded dual acidic organocatalyst. <i>Journal of Molecular Catalysis A</i> , 2012, 365, 55-59.	4.8	61
114	Use of a novel initiator for synthesis of amino-end functionalized polystyrene (NH <sub>2</sub> -PS) by atom transfer radical polymerization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	7
115	Visible light photocatalytic activity of novel MWCNT-doped ZnO electrospun nanofibers. <i>Journal of Molecular Catalysis A</i> , 2012, 359, 42-48.	4.8	180
116	Salep- <i>g</i> -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
117	Novel silver nano-wedges for killing microorganisms. <i>Materials Research Bulletin</i> , 2011, 46, 1860-1865.	5.2	35
118	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
119	Novel highly swelling nanoporous hydrogel based on polysaccharide/protein hybrid backbone. <i>Journal of Polymer Research</i> , 2011, 18, 337-346.	2.4	16
120	Silver nanoparticles with gelatin nanoshells: photochemical facile green synthesis and their antimicrobial activity. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4647-4658.	1.9	38
121	Synthesis of soluble <i>N</i> -functionalized polysaccharide derivatives using phenyl carbonate precursor and their application as catalysts. <i>Starch/Staerke</i> , 2011, 63, 780-791.	2.1	23
122	Preparation of acrylated agarose-based hydrogels and investigation of their application as fertilizing systems. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2424-2432.	2.6	15
123	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
124	Modified chitosan as a polymeric nanoreactor for fabrication of pure ZnO nano particles. <i>Journal of Applied Polymer Science</i> , 2010, 117, 1035-1040.	2.6	1
125	New smart carrageenan-based superabsorbent hydrogel hybrid: Investigation of swelling rate and environmental responsiveness. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3228-3238.	2.6	19
126	Semi-IPN carrageenan-based nanocomposite hydrogels: Synthesis and swelling behavior. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2989-2997.	2.6	33



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127	Synthesis and swelling behavior of acrylatedstarch-g-poly (acrylic acid) and acrylatedstarch-g-poly (acrylamide) hydrogels. Carbohydrate Polymers, 2010, 79, 933-940.	10.2	84
128	Effect of different bases and neutralization steps on porosity and properties of collagen-based hydrogels. Polymer International, 2010, 59, 36-42.	3.1	18
129	Synthesis and Properties of Partially Hydrolyzed Acrylonitrile-co-Acrylamide Superabsorbent Hydrogel. Bulletin of the Korean Chemical Society, 2010, 31, 3163-3172.	1.9	19
130	Irradiation synthesis of biopolymer-based superabsorbent hydrogel: Optimization using the Taguchi method and investigation of its swelling behavior. Advances in Polymer Technology, 2009, 28, 131-140.	1.7	17
131	Synthesis and swelling behavior of a new superabsorbent hydrogel network based on polyacrylamide grafted onto salep. Journal of Applied Polymer Science, 2009, 112, 2625-2633.	2.6	31
132	Swelling properties of CMC-g-poly (AA-co-AMPS) superabsorbent hydrogel. Journal of Applied Polymer Science, 2009, 113, 3442-3449.	2.6	63
133	Synthesis and investigation of swelling behavior of new agar based superabsorbent hydrogel as a candidate for agrochemical delivery. Journal of Polymer Research, 2009, 16, 655-665.	2.4	47
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