Olgun GÃ¼ven

List of Publications by Year
in descending order

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217 papers	6,749 citations	50276 46 h-index	102487 66 g-index
217 all docs	217 docs citations	217 times ranked	5329 citing authors

#	Article	IF	Citations
1	Synthesis and characterization of poly(vinyl sulfonic acid) in different pH values. Polymer Bulletin, 2023, 80, 3005-3020.	3.3	3
2	Poly(vinyl amine) microparticles derived from N-Vinylformamide and their versatile use. Polymer Bulletin, 2022, 79, 7729-7751.	3.3	6
3	Green and Facile Synthesis of Pullulan-Stabilized Silver and Gold Nanoparticles for the Inhibition of Quorum Sensing. ACS Applied Bio Materials, 2022, 5, 517-527.	4.6	13
4	Radiolytic degradation of carbaryl in aqueous solution by gamma-irradiation/H2O2 process. Applied Radiation and Isotopes, 2022, 184, 110210.	1.5	2
5	The prospects for radiation technology in mitigating carbon footprint. Radiation Physics and Chemistry, 2022, 198, 110282.	2.8	1
6	Free radical polymerization of allylamine in different acidic media. Polymers and Polymer Composites, 2022, 30, 096739112211035.	1.9	1
7	Nanogel Synthesis by Irradiation of Aqueous Polymer Solutions. , 2021, , 167-202.		0
8	Modification of polystyrene cell-culture-dish surfaces by consecutive grafting of poly(acrylamide)/poly(N-isopropylacrylamide) via reversible addition-fragmentation chain transfer-mediated polymerization. European Polymer Journal, 2021, 147, 110330.	5.4	14
9	Poly(Vinylamine) Derived N-Doped C-Dots with Antimicrobial and Antibiofilm Activities. Journal of Carbon Research, 2021, 7, 40.	2.7	3
10	Tunable fluorescent and antimicrobial properties of poly(vinyl amine) affected by the acidic or basic hydrolysis of poly(Nâ€vinylformamide). Journal of Applied Polymer Science, 2021, 138, 51234.	2.6	9
11	Recent Progress in the Membrane Distillation and Impact of Track-Etched Membranes. Polymers, 2021, 13, 2520.	4.5	20
12	Radiation-Assisted Synthesis of Polymer-Based Nanomaterials. Applied Sciences (Switzerland), 2021, 11, 7913.	2.5	14
13	Synthesis of well-defined molecularly imprinted bulk polymers for the removal of azo dyes from water resources. Current Research in Green and Sustainable Chemistry, 2021, 4, 100196.	5.6	7
14	Nanostructuring of polymers by controlling of ionizing radiation-induced free radical polymerization, copolymerization, grafting and crosslinking by RAFT mechanism. Radiation Physics and Chemistry, 2020, 169, 107816.	2.8	34
15	Investigation of the effect of titanium dioxide and clay grafted with glycidyl methacrylate by gamma radiation on the properties of EVA flexible films. Radiation Physics and Chemistry, 2020, 169, 107973.	2.8	7
16	Preparation and characterization of poly(ethylene-vinyl acetate) based nanocomposites using radiation-modified montmorillonite. Radiation Physics and Chemistry, 2020, 169, 107844.	2.8	6
17	Generation of spatially ordered metalâ€“polymer nanostructures in the irradiated dispersions of poly(acrylic acid)â€“poly(vinylimidazole)â€“Cu2+ complexes. Colloid and Polymer Science, 2020, 298, 193-202.	2.1	7
18	Cu/CuO Composite Track-Etched Membranes for Catalytic Decomposition of Nitrophenols and Removal of As(III). Nanomaterials, 2020, 10, 1552.	4.1	21

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19	Modification of PET Ion-Track Membranes by Silica Nanoparticles for Direct Contact Membrane Distillation of Salt Solutions. Membranes, 2020, 10, 322.	3.0	14
20	Effect of brush length of stabilizing grafted matrix on size and catalytic activity of metal nanoparticles. European Polymer Journal, 2020, 134, 109811.	5.4	13
21	Preparation of poly(tert â€butyl acrylate)â€poly(acrylic acid) amphiphilic copolymers via radiationâ€induced reversible additionâ€“fragmentation chain transfer mediated polymerization of tert â€butyl acrylate. Polymer International, 2020, 69, 693-701.	3.1	6
22	Radiation induced in-situ synthesis of membranes for removal of 2,4-dichlorophenoxy acetic acid from real water samples. Radiation Physics and Chemistry, 2020, 171, 108708.	2.8	10
23	A smartphone-based colorimetric PET sensor platform with molecular recognition via thermally initiated RAFT-mediated graft copolymerization. Sensors and Actuators B: Chemical, 2019, 296, 126653.	7.8	29
24	Modification of PET ion track membranes for membrane distillation of low-level liquid radioactive wastes and salt solutions. Separation and Purification Technology, 2019, 227, 115694.	7.9	37
25	Surface modification of cellulose via conventional and controlled radiation-induced grafting. Radiation Physics and Chemistry, 2019, 160, 1-8.	2.8	40
26	Preparation and detailed structural characterization of Penicillin G imprinted polymers by PALS and XPS. Radiation Physics and Chemistry, 2019, 159, 174-180.	2.8	10
27	Application of radiation for the synthesis of poly(n-vinyl pyrrolidone) nanogels with controlled sizes from aqueous solutions. Applied Radiation and Isotopes, 2019, 145, 161-169.	1.5	24
28	Method for preparing a well-defined molecularly imprinted polymeric system via radiation-induced RAFT polymerization. European Polymer Journal, 2018, 103, 21-30.	5.4	20
29	Radiationâ€Synthesized Acrylamide/Crotonic Acid Hydrogels for Selective Mercury (<scp>II</scp>) Ion Adsorption. Advances in Polymer Technology, 2018, 37, 822-829.	1.7	15
30	Novel hydrophobic macromonomers for potential amphiphilic block copolymers. Polymer Bulletin, 2018, 75, 47-60.	3.3	8
31	Preparation of nanogels by radiation-induced cross-linking of interpolymer complexes of poly (acrylic) Tj ETQq1 1 0.784314 rgBT /Ove 130-136.	2.8	29
32	Radiation-induced controlled polymerization of acrylic acid by RAFT and RAFT-MADIX methods in protic solvents. Radiation Physics and Chemistry, 2018, 142, 82-87.	2.8	13
33	Preparation of well-defined erythromycin imprinted non-woven fabrics via radiation-induced RAFT-mediated grafting. Radiation Physics and Chemistry, 2018, 142, 77-81.	2.8	21
34	Porous cellulosic adsorbent for the removal of Cd (II), Pb(II) and Cu(II) ions from aqueous media. Radiation Physics and Chemistry, 2018, 142, 70-76.	2.8	70
35	Detailed positron annihilation lifetime spectroscopic investigation of atrazine imprinted polymers grafted onto PE/PP nonâ€woven fabrics. Journal of Molecular Recognition, 2018, 31, e2676.	2.1	11
36	Preparation of multifunctional poly(acrylic acid)-poly(ethylene oxide) nanogels from their interpolymer complexes by radiation-induced intramolecular crosslinking. Colloid and Polymer Science, 2018, 296, 1599-1608.	2.1	18

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37	Protein fouling of modified microporous PET track-etched membranes. Radiation Physics and Chemistry, 2018, 151, 141-148.	2.8	21
38	Electron/gamma radiation-induced synthesis and catalytic activity of gold nanoparticles supported on track-etched poly(ethylene terephthalate) membranes. Materials Chemistry and Physics, 2018, 217, 31-39.	4.0	21
39	The effect of oxidation pretreatment of polymer template on the formation and catalytic activity of Au/PET membrane composites. Chemical Papers, 2017, 71, 2353-2358.	2.2	38
40	Chemical modification of PET surface and subsequent graft copolymerization with poly(N-isopropylacrylamide). Reactive and Functional Polymers, 2017, 118, 26-34.	4.1	27
41	Radiation induced deposition of copper nanoparticles inside the nanochannels of poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2017, 130, 480-487.	2.8	30
42	Activation of Polyethylene/Polypropylene Nonwoven Fabric by Radiation-Induced Grafting for the Removal of Cr(VI) from Aqueous Solutions. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	25
43	Ionizing radiation: a versatile tool for nanostructuring of polymers. Pure and Applied Chemistry, 2016, 88, 1049-1061.	1.9	16
44	Functionalization of poly(esterâ€urethane) surface by radiationâ€induced grafting of Nâ€isopropylacrylamide using conventional and reversible additionâ€“fragmentation chain transferâ€mediated methods. Polymer International, 2016, 65, 192-199.	3.1	7
45	Radiation induced emulsion graft polymerization of 4-vinylpyridine onto PE/PP nonwoven fabric for As(V) adsorption. Radiation Physics and Chemistry, 2016, 127, 13-20.	2.8	28
46	Radiation-grafted materials for energy conversion and energy storage applications. Progress in Polymer Science, 2016, 63, 1-41.	24.7	64
47	Enhancing compatibility between poly(lactic acid) and thermoplastic starch using admicellar polymerization. Journal of Applied Polymer Science, 2016, 133, .	2.6	15
48	Re-Emerging Field of Lignocellulosic Fiber â€“ Polymer Composites and Ionizing Radiation Technology in their Formulation. Polymer Reviews, 2016, 56, 702-736.	10.9	113
49	Towards new proton exchange membrane materials with enhanced performance via RAFT polymerization. Polymer Chemistry, 2016, 7, 701-714.	3.9	33
50	Grafting of N,N-dimethylaminoethyl methacrylate from PE/PP nonwoven fabric via radiation-induced RAFT polymerization and quaternization of the grafts. Radiation Physics and Chemistry, 2016, 124, 145-154.	2.8	31
51	Amine functionalization of cellulose surface grafted with glycidyl methacrylate by Î³-initiated RAFT polymerization. Radiation Physics and Chemistry, 2016, 124, 140-144.	2.8	25
52	Quaternized poly(1-vinylimidazole) hydrogel for anion adsorption. Polymer Bulletin, 2016, 73, 179-190.	3.3	22
53	Study of the Curing Process of DGEBA Epoxy Resin Through Structural Investigation. Macromolecular Chemistry and Physics, 2015, 216, 538-546.	2.2	32
54	UV-induced graft polymerization of acrylic acid in the sub-micronchannels of oxidized PET track-etched membrane. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 419-423.	1.4	22

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55	Gamma radiation induced synthesis of poly(N-isopropylacrylamide) mediated by Reversible Additionâ€“Fragmentation Chain Transfer (RAFT) process. Radiation Physics and Chemistry, 2015, 112, 76-82.	2.8	10
56	Irradiated chitosan nanoparticle as a water-based antioxidant and reducing agent for a green synthesis of gold nanoplatforms. Radiation Physics and Chemistry, 2015, 106, 360-370.	2.8	26
57	Functionalization of cellulose with epoxy groups via Î³-initiated RAFT-mediated grafting of glycidyl methacrylate. Cellulose, 2014, 21, 4067-4079.	4.9	42
58	Short vegetal-fiber reinforced HDPEâ€”A study of electron-beam radiation treatment effects on mechanical and morphological properties. Applied Surface Science, 2014, 310, 325-330.	6.1	25
59	Electrical conductivity and spectroscopic characterization of Blends of poly(2-chloroaniline)/polyaniline P(2ClANI)/PANI copolymer with PVC exposed to gamma-rays. Radiation Physics and Chemistry, 2014, 94, 45-48.	2.8	6
60	Quaternized dimethylaminoethyl methacrylate strong base anion exchange fibers for As(V) adsorption. Radiation Physics and Chemistry, 2014, 102, 84-95.	2.8	27
61	Preparation and characterization of glycidyl methacrylate grafted 4-amino-1,2,4-triazole modified nonwoven fiber adsorbent for environmental application. Radiation Physics and Chemistry, 2014, 94, 111-114.	2.8	17
62	Grafting in confined spaces: Functionalization of nanochannels of track-etched membranes. Radiation Physics and Chemistry, 2014, 105, 26-30.	2.8	32
63	Preparation and characterization of Fe(III)-loaded iminodiacetic acid modified GMA grafted nonwoven fabric adsorbent for anion adsorption. Radiation Physics and Chemistry, 2014, 94, 105-110.	2.8	34
64	Radiation-induced and RAFT-mediated grafting of poly(hydroxyethyl methacrylate) (PHEMA) from cellulose surfaces. Radiation Physics and Chemistry, 2014, 94, 98-104.	2.8	46
65	Controlling the size and distribution of copper nanoparticles in double and triple polymer metal complexes by X-ray irradiation. Radiation Physics and Chemistry, 2014, 94, 62-65.	2.8	19
66	The effect of environmental humidity on radiation-induced degradation of carrageenans. Carbohydrate Polymers, 2014, 114, 546-552.	10.2	5
67	The effect of oxidizing agents/systems on the properties of track-etched PET membranes. Polymer Degradation and Stability, 2014, 107, 150-157.	5.8	33
68	Poly(2-hydroxyethyl methacrylate) (PHEMA) grafted polyethylene/polypropylene (PE/PP) nonwoven fabric by Î³-initiation: Synthesis, characterization and benefits of RAFT mediation. Radiation Physics and Chemistry, 2014, 105, 31-38.	2.8	31
69	Molecularly imprinted poly(N-vinyl imidazole) based polymers grafted onto nonwoven fabrics for recognition/removal of phloretic acid. Radiation Physics and Chemistry, 2014, 94, 93-97.	2.8	12
70	A comprehensive study on the size exclusion chromatography of kappaâ€carrageenan for the identification of afterâ€peaks. Journal of Applied Polymer Science, 2013, 127, 494-499.	2.6	2
71	Nanopore size tuning of polymeric membranes using the RAFT-mediated radical polymerization. Journal of Membrane Science, 2013, 445, 135-145.	8.2	51
72	Computational Design and Preparation of MIPs for Atrazine Recognition on a Conjugated Polymer-Coated Microtiter Plate. Industrial & Engineering Chemistry Research, 2013, 52, 13910-13916.	3.7	17

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73	RAFT mediated grafting of poly(acrylic acid) (PAA) from polyethylene/polypropylene (PE/PP) nonwoven fabric via preirradiation. Polymer, 2013, 54, 4838-4848.	3.8	49
74	Development and Evaluation of Paclitaxel Nanoparticles Using a Quality-by-Design Approach. Journal of Pharmaceutical Sciences, 2013, 102, 3748-3761.	3.3	63
75	Graft copolymerization of glycidyl methacrylate onto delignified kenaf fibers through pre-irradiation technique. Radiation Physics and Chemistry, 2013, 91, 125-131.	2.8	41
76	Effects of irradiated polypropylene compatibilizer on the properties of short carbon fiber reinforced polypropylene composites. Radiation Physics and Chemistry, 2013, 84, 74-78.	2.8	37
77	The formation of interpolymer complexes and hydrophilic associates of poly(acrylic acid) and non-ionic copolymers based on 2-hydroxyethylacrylate in aqueous solutions. Polymer International, 2013, 62, 1310-1315.	3.1	13
78	Radiation-grafted copolymers for separation and purification purposes: Status, challenges and future directions. Progress in Polymer Science, 2012, 37, 1597-1656.	24.7	221
79	Spatial Organization of a Metalâ€“Polymer Nanocomposite Obtained by the Radiation-Induced Reduction of Copper Ions in the Poly(Allylamine)â€“Poly(Acrylic Acid)â€“Cu2+ System. Mendeleev Communications, 2012, 22, 211-212.	1.6	15
80	Enhancement of conductivity in polyaniline-[poly(vinylidene chloride)-co-(vinyl acetate)] blends by irradiation. Radiation Physics and Chemistry, 2011, 80, 153-158.	2.8	18
81	Removal of phosphate by using copper-loaded poly(N-vinylimidazole) hydrogels as polymeric ligand exchanger. Journal of Applied Polymer Science, 2011, 119, 613-619.	2.6	27
82	Treatment of Water Contaminated with Chlorinated Organic Herbicide 2,4-D by an Ozone/Gamma Process. Ozone: Science and Engineering, 2011, 33, 50-65.	2.5	7
83	Comparison of pre-irradiation and mutual grafting of 2-chloroacrylonitrile on cellulose by gamma-irradiation. Radiation Physics and Chemistry, 2010, 79, 250-254.	2.8	11
84	Synthesis and characterization of novel comb-type amphiphilic graft copolymers containing polypropylene and polyethylene glycol. Polymer Bulletin, 2010, 64, 691-705.	3.3	53
85	Radiation induced in-situ generation of conductivity in the blends of polyaniline-base with chlorinated-polyisoprene. Radiation Physics and Chemistry, 2010, 79, 343-346.	2.8	3
86	Removal of phosphate using copper-loaded polymeric ligand exchanger prepared by radiation grafting of polypropylene/polyethylene (PP/PE) nonwoven fabric. Radiation Physics and Chemistry, 2010, 79, 227-232.	2.8	21
87	Preparation of quaternized dimethylaminoethylmethacrylate grafted nonwoven fabric for the removal of phosphate. Radiation Physics and Chemistry, 2010, 79, 233-237.	2.8	23
88	Radiation-induced molecular imprinting of d-glucose onto poly(2-hydroxyethyl methacrylate) matrices using various crosslinking agents. Radiation Physics and Chemistry, 2010, 79, 219-222.	2.8	5
89	RAFT-mediated polymerization and grafting of sodium 4-styrenesulfonate from cellulose initiated via Î³-radiation. Polymer, 2009, 50, 973-982.	3.8	115
90	A short review of radiation-induced raft-mediated graft copolymerization: A powerful combination for modifying the surface properties of polymers in a controlled manner. Radiation Physics and Chemistry, 2009, 78, 1054-1059.	2.8	55

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91	Spectroscopic and thermal studies of poly[(N-vinylimidazole)-co-(maleic acid)] hydrogel and its quaternized form. Polymer International, 2008, 57, 637-643.	3.1	19
92	Preconcentration and matrix elimination for the determination of Pb(II), Cd(II), Ni(II), and Co(II)by 8â€hydroxyquinoline anchored poly(styreneâ€divinylbenzene) microbeads. Journal of Applied Polymer Science, 2008, 107, 2714-2722.	2.6	16
93	The usability of (sodium alginate/acrylamide) semiâ€interpenetrating polymer networks on removal of some textile dyes. Journal of Applied Polymer Science, 2008, 108, 3787-3795.	2.6	54
94	Characterization of Network Structure of Polyacrylamide Based Hydrogels Prepared By Radiation Induced Polymerization. AIP Conference Proceedings, 2007, , .	0.4	0
95	Verification of Controlled Grafting of Styrene from Cellulose via Radiation-Induced RAFT Polymerization. Macromolecules, 2007, 40, 7140-7147.	4.8	176
96	Glucose recognition capabilities of hydroxyethyl methacrylate-based hydrogels containing poly(ethylene glycol) chains. Journal of Applied Polymer Science, 2007, 103, 432-441.	2.6	18
97	Radiation-induced graft polymerization of glycidyl methacrylate onto PE/PP nonwoven fabric and its modification toward enhanced amidoximation. Journal of Applied Polymer Science, 2007, 105, 1551-1558.	2.6	57
98	Radiation-induced grafting of dimethylaminoethylmethacrylate onto PE/PP nonwoven fabric. Nuclear Instruments & Methods in Physics Research B, 2007, 265, 204-207.	1.4	28
99	Radiation-induced degradation of galactomannan polysaccharides. Nuclear Instruments & Methods in Physics Research B, 2007, 265, 429-433.	1.4	23
100	Positron annihilation lifetime spectroscopy of molecularly imprinted hydroxyethyl methacrylate based polymers. Polymer, 2007, 48, 2692-2699.	3.8	18
101	Preparation and characterization of poly(isobutyl methacrylate) microbeads with grafted amidoxime groups. Radiation Physics and Chemistry, 2007, 76, 1569-1576.	2.8	29
102	Radiation-induced conductivity control in polyaniline blends/composites. Radiation Physics and Chemistry, 2007, 76, 1302-1307.	2.8	26
103	Surface properties of binary blend films of poly(N-vinyl-2-pyrrolidone) and poly(vinyl alcohol) with sodium alginate. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 426-430.	2.1	15
104	Swelling behavior of poly{N-[3-(dimethylaminopropyl)] methacrylamide-co-acrylamide} hydrogels in aqueous solutions of surfactants. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1645-1652.	2.1	10
105	Poly(ethylene oxide) and its blends with sodium alginate. Polymer, 2005, 46, 10750-10757.	3.8	195
106	Dynamic swelling behavior of Î³-radiation induced polyelectrolyte poly(AAm-co-CA) hydrogels in urea solutions. International Journal of Pharmaceutics, 2005, 301, 102-111.	5.2	41
107	Radiation induced dehydrochlorination as an in-situ doping technique for enhancement of the conductivity of polyaniline blends. Nuclear Instruments & Methods in Physics Research B, 2005, 236, 153-159.	1.4	16
108	Preparation, characterization, and drug-release properties of poly(N-isopropylacrylamide) microspheres having poly(itaconic acid) graft chains. Journal of Applied Polymer Science, 2005, 97, 1115-1124.	2.6	23

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109	A Highly Efficient Chelating Polymer for the Adsorption of Uranyl and Vanadyl Ions at Low Concentrations. Adsorption, 2005, 10, 309-315.	3.0	37
110	Effect of type and concentration of surfactants on swelling behavior of poly[N-[3-(dimethylamino)propyl]methacrylamide-co- N,N-methylenebis(acrylamide)] hydrogels. Colloid and Polymer Science, 2005, 284, 258-265.	2.1	14
111	Factors affecting the complexation of polyacrylic acid with uranyl ions in aqueous solutions: A luminescence study. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2737-2744.	2.1	4
112	Adsorption of Uranyl Ions into Poly(Acrylamideâ€coâ€Acrylic Acid) Hydrogels Prepared by Gamma Irradiation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2005, 42, 485-494.	2.2	17
113	Adsorption Efficiency of a New Adsorbent Towards Uranium and Vanadium Ions at Low Concentrations. Separation Science and Technology, 2005, 39, 1631-1643.	2.5	55
114	Adsorption of Bovine Serum Albumin onto Radiation-Crosslinked Poly(Acrylamide/Acrylic Acid). Adsorption Science and Technology, 2004, 22, 311-325.	3.2	2
115	Determination of the complex formation constants for some water-soluble polymers with trivalent metal ions by differential pulse polarography. Colloid and Polymer Science, 2004, 282, 1282-1285.	2.1	19
116	Complex formation of linear poly(methacrylic acid) with uranyl ions in aqueous solutions. Journal of Colloid and Interface Science, 2004, 278, 155-159.	9.4	33
117	Separation of heavy metal ions by complexation on poly (N-vinyl imidazole) hydrogels. Polymer Bulletin, 2004, 51, 307-314.	3.3	42
118	Thermodynamics of adsorption of uranyl ions onto amidoximated poly(acrylonitrile)/poly(N-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Physics, 2004, 42, 986-993.	2.1	10
119	Electrochemical, spectroscopic, and thermal studies on interactions of linear poly(acrylic acid) with uranyl ions in aqueous solutions. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 1610-1618.	2.1	14
120	Swelling and diffusion studies of poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels in water and aqueous solutions of drugs. Journal of Applied Polymer Science, 2004, 91, 911-915.	2.6	26
121	Removal of concentrated heavy metal ions from aqueous solutions using polymers with enriched amidoxime groups. Journal of Applied Polymer Science, 2004, 93, 1705-1710.	2.6	66
122	Synthesis and Characterization of Poly(N-vinylimidazole-co-acrylonitrile) and Determination of Monomer Reactivity Ratios. Macromolecular Chemistry and Physics, 2004, 205, 1088-1095.	2.2	50
123	Preparation of poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels and their drug release behavior. International Journal of Pharmaceutics, 2004, 278, 343-351.	5.2	96
124	Synthesis, characterization and amidoximation of a novel polymer: poly(N,Nâ€²-dipropionitrile) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	4.1	25
125	Radiation crosslinking of biodegradable hydroxypropylmethylcellulose. Carbohydrate Polymers, 2004, 55, 139-147.	10.2	90
126	The Influence of Preparation Methods on the Swelling and Network Properties of Acrylamide Hydrogels with Crosslinkers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2004, 41, 419-431.	2.2	68

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127	Adsorption of BSA onto radiation-crosslinked poly (AAm/HPMA/MA) terpolymers. Polymer Bulletin, 2003, 50, 183-190.	3.3	18
128	Separation of uranyl ions with amidoximated poly(acrylonitrile/N-vinylimidazole) complexing sorbents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 212, 155-161.	4.7	45
129	RADIATION CROSSLINKED POLY(ACRYLAMIDE/2-HYDROXYPROPYL METHACRYLATE/MALEIC ACID) AND THEIR USABILITY IN THE UPTAKE OF URANIUM. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 969-990.	2.2	18
130	Conductometric and viscometric investigation of poly(N-vinylimidazole)-metal ion complex formation. Journal of Applied Polymer Science, 2002, 85, 376-384.	2.6	16
131	Fourier transform infrared photoacoustic studies of the adsorption behavior of poly(2-hydroxypropyl methacrylate) at solid-liquid interface. Journal of Applied Polymer Science, 2002, 85, 2750-2756.	2.6	1
132	Synthesis and properties of radiation-induced acrylamide-acrylic acid hydrogels. Journal of Applied Polymer Science, 2002, 86, 3570-3580.	2.6	16
133	The synthesis of nonporous poly(isobutyl methacrylate) microspheres by suspension polymerization technique and investigation of their swelling properties. Journal of Applied Polymer Science, 2002, 83, 349-356.	2.6	8
134	Synthesis and characterization of poly(N-vinyl imidazole) hydrogels crosslinked by gamma irradiation. Polymer International, 2002, 51, 1404-1410.	3.1	52
135	Influence of gel composition on the solubility parameter of poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td 1995-2003.	2.1	34
136	A new specific metal ion chelated-poly(N-vinylimidazole) gel sorbents for albumin adsorption-desorption. Macromolecular Symposia, 2001, 169, 329-339.	0.7	15
137	UV-Induced Electrical and Optical Changes in PVC Blends. Monatshefte FÃ¼r Chemie, 2001, 132, 185-192.	1.8	7
138	Use of superswelling acrylamide/maleic acid hydrogels for monovalent cationic dye adsorption. Journal of Applied Polymer Science, 2001, 79, 1809-1815.	2.6	51
139	The preparation of ultra narrow molecular weight distribution poly(ethylene glycol)s by fractional crystallization from solution. Journal of Applied Polymer Science, 2001, 79, 1999-2005.	2.6	1
140	Use of amidoximated acrylonitrile/N-vinyl 2-pyrrolidone interpenetrating polymer networks for uranyl ion adsorption from aqueous systems. Journal of Applied Polymer Science, 2001, 81, 2324-2329.	2.6	52
141	A new metal chelate sorbent for glucose oxidase: Cu(II)- and Co(II)-chelated poly(N-vinylimidazole) gels. Journal of Applied Polymer Science, 2001, 82, 446-453.	2.6	28
142	Radiation Induced Superabsorbent Hydrogels. Acrylamide/Itaconic Acid Copolymers. Macromolecular Materials and Engineering, 2001, 286, 34-42.	3.6	102
143	Synthesis and characterization of N-vinylimidazoleâ€“ethyl methacrylate copolymers and determination of monomer reactivity ratios. European Polymer Journal, 2001, 37, 2443-2451.	5.4	48
144	RADIATION INDUCED ACRYLAMIDE/CITRIC ACID HYDROGELS AND THEIR SWELLING BEHAVIORS. Journal of Macromolecular Science - Pure and Applied Chemistry, 2001, 38, 1105-1121.	2.2	40

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145	Investigation of active substance release from poly(ethylene oxide) hydrogels. International Journal of Pharmaceutics, 2001, 224, 151-158.	5.2	58
146	Radiation Induced Superabsorbent Hydrogels. Acrylamide/Itaconic Acid Copolymers. Macromolecular Materials and Engineering, 2001, 286, 34-42.	3.6	2
147	Swelling studies of copolymeric acrylamide/crotonic acid hydrogels as carriers for agricultural uses. Polymers for Advanced Technologies, 2000, 11, 59-68.	3.2	92
148	The effect of gel composition on the uranyl ions adsorption capacity of poly(N-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (2-pyr 2000, 77, 1037-1043.	2.6	18
149	Enhancement of uranyl ion uptake by prestructuring of acrylamide-maleic acid hydrogels. Journal of Applied Polymer Science, 2000, 78, 284-289.	2.6	52
150	Effect of pH, ionic strength, and temperature on uranyl ion adsorption by poly(N-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (2-p	2.6	50
151	Equilibrium swelling behavior of pH- and temperature-sensitive poly(N-vinyl 2-pyrrolidone-g-citric) Tj ETQq1 1 0.784314 rgBT /Overlock 2063-2071.	2.1	39
152	Characterization of network structure of poly(N-vinyl 2-pyrrolidone/acrylic acid) polyelectrolyte hydrogels by swelling measurements. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 3309-3317.	2.1	13
153	The effect of high molecular weight polyacrylamide on the sedimentation behavior of kaolin in the presence of hydroquinone. Macromolecular Materials and Engineering, 2000, 283, 76-80.	3.6	0
154	Development of new chelating hydrogels based on N-vinyl imidazole and acrylonitrile. Radiation Physics and Chemistry, 2000, 59, 485-491.	2.8	56
155	Controlled release of terbinafine hydrochloride from pH sensitive poly(acrylamide/maleic acid) hydrogels. International Journal of Pharmaceutics, 2000, 203, 149-157.	5.2	85
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