

Olgun GÃ¼ven

List of Publications by Year in descending order

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217
papers

6,749
citations

50244

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102432

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docs citations

217
times ranked

5329
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation-grafted copolymers for separation and purification purposes: Status, challenges and future directions. <i>Progress in Polymer Science</i> , 2012, 37, 1597-1656.	11.8	221
2	Poly(ethylene oxide) and its blends with sodium alginate. <i>Polymer</i> , 2005, 46, 10750-10757.	1.8	195
3	Verification of Controlled Grafting of Styrene from Cellulose via Radiation-Induced RAFT Polymerization. <i>Macromolecules</i> , 2007, 40, 7140-7147.	2.2	176
4	A review on the radiation synthesis of copolymeric hydrogels for adsorption and separation purposes. <i>Radiation Physics and Chemistry</i> , 1999, 56, 381-386.	1.4	130
5	RAFT-mediated polymerization and grafting of sodium 4-styrenesulfonate from cellulose initiated via $\dot{\gamma}$ -radiation. <i>Polymer</i> , 2009, 50, 973-982.	1.8	115
6	Re-Emerging Field of Lignocellulosic Fiber " Polymer Composites and Ionizing Radiation Technology in their Formulation. <i>Polymer Reviews</i> , 2016, 56, 702-736.	5.3	113
7	Radiation Induced Superabsorbent Hydrogels. Acrylamide/Itaconic Acid Copolymers. <i>Macromolecular Materials and Engineering</i> , 2001, 286, 34-42.	1.7	102
8	Determination of average molecular weight between cross-links (Mc) from swelling behaviours of diprotic acid-containing hydrogels. <i>Polymer</i> , 1999, 40, 2969-2974.	1.8	99
9	Behaviors of Acrylamide/Itaconic Acid Hydrogels in Uptake of Uranyl Ions from Aqueous Solutions. <i>Separation Science and Technology</i> , 1995, 30, 3747-3760.	1.3	98
10	Preparation of poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels and their drug release behavior. <i>International Journal of Pharmaceutics</i> , 2004, 278, 343-351.	2.6	96
11	Swelling studies of copolymeric acrylamide/crotonic acid hydrogels as carriers for agricultural uses. <i>Polymers for Advanced Technologies</i> , 2000, 11, 59-68.	1.6	92
12	Radiation crosslinking of biodegradable hydroxypropylmethylcellulose. <i>Carbohydrate Polymers</i> , 2004, 55, 139-147.	5.1	90
13	Controlled release of terbinafine hydrochloride from pH sensitive poly(acrylamide/maleic acid) hydrogels. <i>International Journal of Pharmaceutics</i> , 2000, 203, 149-157.	2.6	85
14	Acrylamide/maleic acid hydrogels. <i>Polymers for Advanced Technologies</i> , 1995, 6, 719-726.	1.6	84
15	Preparation and characterization of poly(n-vinyl 2-pyrrolidone) hydrogels. <i>Polymer</i> , 1991, 32, 2491-2495.	1.8	82
16	Adsorptions of Some Heavy Metal Ions in Aqueous Solutions by Acrylamide/Maleic Acid Hydrogels. <i>Separation Science and Technology</i> , 1995, 30, 3287-3298.	1.3	81
17	Design and evaluation of sustained-release and buccal adhesive propranolol hydrochloride tablets. <i>Journal of Controlled Release</i> , 1996, 38, 11-20.	4.8	73
18	Radiation synthesis, characterization and amidoximation of N-vinyl-2-pyrrolidone/acrylonitrile interpenetrating polymer networks. <i>Reactive and Functional Polymers</i> , 1999, 39, 139-146.	2.0	73

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19	Porous cellulosic adsorbent for the removal of Cd (II), Pb(II) and Cu(II) ions from aqueous media. <i>Radiation Physics and Chemistry</i> , 2018, 142, 70-76.	1.4	70
20	The Influence of Preparation Methods on the Swelling and Network Properties of Acrylamide Hydrogels with Crosslinkers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004, 41, 419-431.	1.2	68
21	Removal of concentrated heavy metal ions from aqueous solutions using polymers with enriched amidoxime groups. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1705-1710.	1.3	66
22	Formulation and in vitro-in vivo evaluation of buccoadhesive morphine sulfate tablets. <i>Pharmaceutical Research</i> , 1994, 11, 231-236.	1.7	65
23	Radiation-grafted materials for energy conversion and energy storage applications. <i>Progress in Polymer Science</i> , 2016, 63, 1-41.	11.8	64
24	Development and Evaluation of Paclitaxel Nanoparticles Using a Quality-by-Design Approach. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3748-3761.	1.6	63
25	Adsorption of bovine serum albumin onto acrylamidâ€”maleic acid hydrogels. <i>Biomaterials</i> , 1994, 15, 917-920.	5.7	62
26	Prediction of swelling behaviour of hydrogels containing diprotic acid moieties. <i>Polymer</i> , 1998, 39, 1165-1172.	1.8	62
27	Swelling and dye adsorption properties of radiation induced N -vinyl-2-pyrrolidone/acrylonitrile hydrogels. <i>Polymer Bulletin</i> , 1998, 41, 371-378.	1.7	61
28	Investigation of active substance release from poly(ethylene oxide) hydrogels. <i>International Journal of Pharmaceutics</i> , 2001, 224, 151-158.	2.6	58
29	Radiation-induced graft polymerization of glycidyl methacrylate onto PE/PP nonwoven fabric and its modification toward enhanced amidoximation. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1551-1558.	1.3	57
30	Development of new chelating hydrogels based on N-vinyl imidazole and acrylonitrile. <i>Radiation Physics and Chemistry</i> , 2000, 59, 485-491.	1.4	56
31	Interaction of some cationic dyes with acrylamide/itaconic acid hydrogels. <i>Journal of Applied Polymer Science</i> , 1996, 61, 2367-2372.	1.3	55
32	Adsorption Efficiency of a New Adsorbent Towards Uranium and Vanadium Ions at Low Concentrations. <i>Separation Science and Technology</i> , 2005, 39, 1631-1643.	1.3	55
33	A short review of radiation-induced raft-mediated graft copolymerization: A powerful combination for modifying the surface properties of polymers in a controlled manner. <i>Radiation Physics and Chemistry</i> , 2009, 78, 1054-1059.	1.4	55
34	The usability of (sodium alginate/acrylamide) semiâ€”interpenetrating polymer networks on removal of some textile dyes. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3787-3795.	1.3	54
35	Synthesis and characterization of novel comb-type amphiphilic graft copolymers containing polypropylene and polyethylene glycol. <i>Polymer Bulletin</i> , 2010, 64, 691-705.	1.7	53
36	Enhancement of uranyl ion uptake by prestructuring of acrylamide-maleic acid hydrogels. <i>Journal of Applied Polymer Science</i> , 2000, 78, 284-289.	1.3	52

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37	Uranyl ion adsorptivity of N-vinyl 2-pyrrolidone/acrylonitrile copolymeric hydrogels containing amidoxime groups. <i>Polymer Bulletin</i> , 2000, 44, 593-600.	1.7	52
38	Use of amidoximated acrylonitrile/N-vinyl 2-pyrrolidone interpenetrating polymer networks for uranyl ion adsorption from aqueous systems. <i>Journal of Applied Polymer Science</i> , 2001, 81, 2324-2329.	1.3	52
39	Synthesis and characterization of poly(N-vinyl imidazole) hydrogels crosslinked by gamma irradiation. <i>Polymer International</i> , 2002, 51, 1404-1410.	1.6	52
40	Adsorption of bovine serum albumin to acrylamide-itaconic acid hydrogels. <i>Polymers for Advanced Technologies</i> , 1994, 5, 664-668.	1.6	51
41	Use of superswelling acrylamide/maleic acid hydrogels for monovalent cationic dye adsorption. <i>Journal of Applied Polymer Science</i> , 2001, 79, 1809-1815.	1.3	51
42	Nanopore size tuning of polymeric membranes using the RAFT-mediated radical polymerization. <i>Journal of Membrane Science</i> , 2013, 445, 135-145.	4.1	51
43	Effect of pH, ionic strength, and temperature on uranyl ion adsorption by poly(N-vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	1.3	50
44	Synthesis and Characterization of Poly(N-vinylimidazole-co-acrylonitrile) and Determination of Monomer Reactivity Ratios. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1088-1095.	1.1	50
45	RAFT mediated grafting of poly(acrylic acid) (PAA) from polyethylene/polypropylene (PE/PP) nonwoven fabric via preirradiation. <i>Polymer</i> , 2013, 54, 4838-4848.	1.8	49
46	The effect of external stimuli on the equilibrium swelling properties of poly(N -vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382Td (2-pyr	1.8	48
47	Synthesis and characterization of N-vinylimidazole-ethyl methacrylate copolymers and determination of monomer reactivity ratios. <i>European Polymer Journal</i> , 2001, 37, 2443-2451.	2.6	48
48	Radiation-induced and RAFT-mediated grafting of poly(hydroxyethyl methacrylate) (PHEMA) from cellulose surfaces. <i>Radiation Physics and Chemistry</i> , 2014, 94, 98-104.	1.4	46
49	The releases of agrochemicals from radiation induced acrylamide/crotonic acid hydrogels. <i>Polymer Bulletin</i> , 1998, 41, 577-584.	1.7	45
50	Separation of uranyl ions with amidoximated poly(acrylonitrile/N-vinylimidazole) complexing sorbents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 212, 155-161.	2.3	45
51	Preparation and thermal characterization of block copolymers by macroazobitriles having glycidyl azide and epichlorohydrin moieties. <i>Journal of Applied Polymer Science</i> , 1996, 60, 2141-2147.	1.3	42
52	Development of novel adsorbent materials for recovery and enrichment of uranium from aqueous media. <i>Journal of Applied Polymer Science</i> , 1997, 66, 2475-2480.	1.3	42
53	Separation of heavy metal ions by complexation on poly (N-vinyl imidazole) hydrogels. <i>Polymer Bulletin</i> , 2004, 51, 307-314.	1.7	42
54	Functionalization of cellulose with epoxy groups via β -initiated RAFT-mediated grafting of glycidyl methacrylate. <i>Cellulose</i> , 2014, 21, 4067-4079.	2.4	42

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55	Dynamic swelling behavior of \hat{I}^3 -radiation induced polyelectrolyte poly(AAm-co-CA) hydrogels in urea solutions. <i>International Journal of Pharmaceutics</i> , 2005, 301, 102-111.	2.6	41
56	Graft copolymerization of glycidyl methacrylate onto delignified kenaf fibers through pre-irradiation technique. <i>Radiation Physics and Chemistry</i> , 2013, 91, 125-131.	1.4	41
57	Adsorption of Some Basic Dyes by Acrylamide-Maleic Acid Hydrogels. <i>Separation Science and Technology</i> , 1996, 31, 423-434.	1.3	40
58	RADIATION INDUCED ACRYLAMIDE/CITRIC ACID HYDROGELS AND THEIR SWELLING BEHAVIORS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2001, 38, 1105-1121.	1.2	40
59	Surface modification of cellulose via conventional and controlled radiation-induced grafting. <i>Radiation Physics and Chemistry</i> , 2019, 160, 1-8.	1.4	40
60	Equilibrium swelling behavior of pH- and temperature-sensitive poly(N-vinyl 2-pyrrolidone-g-citric) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 2063-2071.	2.4	39
61	A comparison of various isothermal thermogravimetric methods applied to the degradation of PVC. <i>Thermochimica Acta</i> , 1986, 106, 169-178.	1.2	38
62	The effect of oxidation pretreatment of polymer template on the formation and catalytic activity of Au/PET membrane composites. <i>Chemical Papers</i> , 2017, 71, 2353-2358.	1.0	38
63	Radiation synthesis of n-vinyl 2-pyrrolidone/acrylonitrile interpenetrating polymer networks and their use in uranium recovery from aqueous systems. <i>Radiation Physics and Chemistry</i> , 1998, 52, 271-276.	1.4	37
64	A Highly Efficient Chelating Polymer for the Adsorption of Uranyl and Vanadyl Ions at Low Concentrations. <i>Adsorption</i> , 2005, 10, 309-315.	1.4	37
65	Effects of irradiated polypropylene compatibilizer on the properties of short carbon fiber reinforced polypropylene composites. <i>Radiation Physics and Chemistry</i> , 2013, 84, 74-78.	1.4	37
66	Modification of PET ion track membranes for membrane distillation of low-level liquid radioactive wastes and salt solutions. <i>Separation and Purification Technology</i> , 2019, 227, 115694.	3.9	37
67	Relationship between the swelling process and the releases of water soluble agrochemicals from radiation crosslinked acrylamide/itaconic acid copolymers. <i>Polymer Bulletin</i> , 2000, 45, 287-294.	1.7	35
68	AMIDOXIMATION AND CHARACTERIZATION OF NEW COMPLEXING HYDROGELS PREPARED FROM N-VINYL 2-PYRROLIDONE/ACRYLONITRILE SYSTEMS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2000, 37, 1159-1172.	1.2	34
69	Influence of gel composition on the solubility parameter of poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (1995-2003.	2.4	34
70	Preparation and characterization of Fe(III)-loaded iminodiacetic acid modified GMA grafted nonwoven fabric adsorbent for anion adsorption. <i>Radiation Physics and Chemistry</i> , 2014, 94, 105-110.	1.4	34
71	Nanostructuring of polymers by controlling of ionizing radiation-induced free radical polymerization, copolymerization, grafting and crosslinking by RAFT mechanism. <i>Radiation Physics and Chemistry</i> , 2020, 169, 107816.	1.4	34
72	Complex formation of linear poly(methacrylic acid) with uranyl ions in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2004, 278, 155-159.	5.0	33

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73	The effect of oxidizing agents/systems on the properties of track-etched PET membranes. <i>Polymer Degradation and Stability</i> , 2014, 107, 150-157.	2.7	33
74	Towards new proton exchange membrane materials with enhanced performance via RAFT polymerization. <i>Polymer Chemistry</i> , 2016, 7, 701-714.	1.9	33
75	Determination of diffusion coefficient of oxygen into polymers by using electron spin resonance spectroscopy. I. Poly(methyl methacrylate). <i>Journal of Applied Polymer Science</i> , 1989, 37, 2577-2585.	1.3	32
76	Grafting in confined spaces: Functionalization of nanochannels of track-etched membranes. <i>Radiation Physics and Chemistry</i> , 2014, 105, 26-30.	1.4	32
77	Study of the Curing Process of DGEBA Epoxy Resin Through Structural Investigation. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 538-546.	1.1	32
78	Poly(2-hydroxyethyl methacrylate) (PHEMA) grafted polyethylene/polypropylene (PE/PP) nonwoven fabric by $\dot{\Gamma}$ -initiation: Synthesis, characterization and benefits of RAFT mediation. <i>Radiation Physics and Chemistry</i> , 2014, 105, 31-38.	1.4	31
79	Grafting of N,N-dimethylaminoethyl methacrylate from PE/PP nonwoven fabric via radiation-induced RAFT polymerization and quaternization of the grafts. <i>Radiation Physics and Chemistry</i> , 2016, 124, 145-154.	1.4	31
80	Molecular association in aqueous solutions of high molecular weight poly(ethylene oxide). <i>Die Makromolekulare Chemie</i> , 1978, 179, 2789-2791.	1.1	30
81	Radiation induced deposition of copper nanoparticles inside the nanochannels of poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2017, 130, 480-487.	1.4	30
82	Super Water-Retainer Hydrogels: Crosslinked Acrylamide/Succinic Acid Copolymers. <i>Polymer Journal</i> , 1997, 29, 631-636.	1.3	29
83	Preparation and characterization of poly(isobutyl methacrylate) microbeads with grafted amidoxime groups. <i>Radiation Physics and Chemistry</i> , 2007, 76, 1569-1576.	1.4	29
84	Preparation of nanogels by radiation-induced cross-linking of interpolymer complexes of poly (acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 130-136.	1.4	29
85	A smartphone-based colorimetric PET sensor platform with molecular recognition via thermally initiated RAFT-mediated graft copolymerization. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126653.	4.0	29
86	Spectroscopic and thermal characterization of poly(glycidyl azide) converted from polyepichlorohydrin. <i>Journal of Applied Polymer Science</i> , 1996, 60, 1361-1367.	1.3	28
87	A new metal chelate sorbent for glucose oxidase: Cu(II)- and Co(II)-chelated poly(N-vinylimidazole) gels. <i>Journal of Applied Polymer Science</i> , 2001, 82, 446-453.	1.3	28
88	Radiation-induced grafting of dimethylaminoethylmethacrylate onto PE/PP nonwoven fabric. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 265, 204-207.	0.6	28
89	Radiation induced emulsion graft polymerization of 4-vinylpyridine onto PE/PP nonwoven fabric for As(V) adsorption. <i>Radiation Physics and Chemistry</i> , 2016, 127, 13-20.	1.4	28
90	Molecular association in aqueous solutions of high molecular weight poly(N-vinyl-2-pyrrolidone). <i>Die Makromolekulare Chemie</i> , 1981, 182, 3129-3134.	1.1	27

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91	Removal of phosphate by using copper-loaded poly(N-vinylimidazole) hydrogels as polymeric ligand exchanger. <i>Journal of Applied Polymer Science</i> , 2011, 119, 613-619.	1.3	27
92	Quaternized dimethylaminoethyl methacrylate strong base anion exchange fibers for As(V) adsorption. <i>Radiation Physics and Chemistry</i> , 2014, 102, 84-95.	1.4	27
93	Chemical modification of PET surface and subsequent graft copolymerization with poly(N-isopropylacrylamide). <i>Reactive and Functional Polymers</i> , 2017, 118, 26-34.	2.0	27
94	Cationic dye adsorption by acrylamide/itaconic acid hydrogels in aqueous solutions. <i>Polymers for Advanced Technologies</i> , 1997, 8, 574-578.	1.6	26
95	Influence of Some Amino Acids on the Dynamic Swelling Behavior of Radiation-Induced Acrylamide Hydrogel. <i>Applied Biochemistry and Biotechnology</i> , 1999, 82, 115-126.	1.4	26
96	Swelling and diffusion studies of poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels in water and aqueous solutions of drugs. <i>Journal of Applied Polymer Science</i> , 2004, 91, 911-915.	1.3	26
97	Radiation-induced conductivity control in polyaniline blends/composites. <i>Radiation Physics and Chemistry</i> , 2007, 76, 1302-1307.	1.4	26
98	Irradiated chitosan nanoparticle as a water-based antioxidant and reducing agent for a green synthesis of gold nanoplatfoms. <i>Radiation Physics and Chemistry</i> , 2015, 106, 360-370.	1.4	26
99	Synthesis, characterization and amidoximation of a novel polymer: poly(N,N- ϵ^2 -dipropionitrile) Tj ETQq1 1 0.784314 rgBT /Oyerlock 25	2.0	25
100	Short vegetal-fiber reinforced HDPE- ϵ^2 A study of electron-beam radiation treatment effects on mechanical and morphological properties. <i>Applied Surface Science</i> , 2014, 310, 325-330.	3.1	25
101	Activation of Polyethylene/Polypropylene Nonwoven Fabric by Radiation-Induced Grafting for the Removal of Cr(VI) from Aqueous Solutions. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	25
102	Amine functionalization of cellulose surface grafted with glycidyl methacrylate by $\hat{\beta}$ -initiated RAFT polymerization. <i>Radiation Physics and Chemistry</i> , 2016, 124, 140-144.	1.4	25
103	Determination of diffusion coefficient of oxygen into polymers by using electron spin resonance spectroscopy. II. Poly(vinyl acetate). <i>Journal of Applied Polymer Science</i> , 1992, 44, 1595-1599.	1.3	24
104	Application of radiation for the synthesis of poly(n-vinyl pyrrolidone) nanogels with controlled sizes from aqueous solutions. <i>Applied Radiation and Isotopes</i> , 2019, 145, 161-169.	0.7	24
105	Preparation, characterization, and drug-release properties of poly(N-isopropylacrylamide) microspheres having poly(itaconic acid) graft chains. <i>Journal of Applied Polymer Science</i> , 2005, 97, 1115-1124.	1.3	23
106	Radiation-induced degradation of galactomannan polysaccharides. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 265, 429-433.	0.6	23
107	Preparation of quaternized dimethylaminoethylmethacrylate grafted nonwoven fabric for the removal of phosphate. <i>Radiation Physics and Chemistry</i> , 2010, 79, 233-237.	1.4	23
108	Determination of solubility parameter of poly(n-vinyl 2-pyrrolidon/ethylene glycol dimethacrylate) gels by swelling measurements. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 213-219.	2.4	22

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109	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.	0.6	22
110	Quaternized poly(1-vinylimidazole) hydrogel for anion adsorption. Polymer Bulletin, 2016, 73, 179-190.	1.7	22
111	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.	1.4	21
112	Preparation of well-defined erythromycin imprinted non-woven fabrics via radiation-induced RAFT-mediated grafting. Radiation Physics and Chemistry, 2018, 142, 77-81.	1.4	21
113	Protein fouling of modified microporous PET track-etched membranes. Radiation Physics and Chemistry, 2018, 151, 141-148.	1.4	21
114	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.	2.0	21
115	Cu/CuO Composite Track-Etched Membranes for Catalytic Decomposition of Nitrophenols and Removal of As(III). Nanomaterials, 2020, 10, 1552.	1.9	21
116	Method for preparing a well-defined molecularly imprinted polymeric system via radiation-induced RAFT polymerization. European Polymer Journal, 2018, 103, 21-30.	2.6	20
117	Recent Progress in the Membrane Distillation and Impact of Track-Etched Membranes. Polymers, 2021, 13, 2520.	2.0	20
118	Interaction of nicotine and its pharmaceutical derivatives with acrylamide/itaconic acid hydrogels. Journal of Applied Polymer Science, 1997, 66, 733-739.	1.3	19
119	Effect of preparation methods on thermal properties of poly(acrylic acid)/silica composites. Journal of Applied Polymer Science, 1998, 70, 891-895.	1.3	19
120	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.	1.0	19
121	Spectroscopic and thermal studies of poly[(N-vinylimidazole)-co-(maleic acid)] hydrogel and its quaternized form. Polymer International, 2008, 57, 637-643.	1.6	19
122	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.	1.4	19
123	The effect of gel composition on the uranyl ions adsorption capacity of poly(N-vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18 2000, 77, 1037-1043.	1.3	18
124	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.	1.2	18
125	Adsorption of BSA onto radiation-crosslinked poly (AAm/HPMA/MA) terpolymers. Polymer Bulletin, 2003, 50, 183-190.	1.7	18
126	Glucose recognition capabilities of hydroxyethyl methacrylate-based hydrogels containing poly(ethylene glycol) chains. Journal of Applied Polymer Science, 2007, 103, 432-441.	1.3	18

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127	Positron annihilation lifetime spectroscopy of molecularly imprinted hydroxyethyl methacrylate based polymers. <i>Polymer</i> , 2007, 48, 2692-2699.	1.8	18
128	Enhancement of conductivity in polyaniline-[poly(vinylidene chloride)-co-(vinyl acetate)] blends by irradiation. <i>Radiation Physics and Chemistry</i> , 2011, 80, 153-158.	1.4	18
129	Preparation of multifunctional poly(acrylic acid)-poly(ethylene oxide) nanogels from their interpolymer complexes by radiation-induced intramolecular crosslinking. <i>Colloid and Polymer Science</i> , 2018, 296, 1599-1608.	1.0	18
130	Behaviors of Acrylamide/Maleic Acid Hydrogels in Uptake of Some Cationic Dyes from Aqueous Solutions. <i>Separation Science and Technology</i> , 1996, 31, 2359-2371.	1.3	17
131	Removal of some cationic dyes from aqueous solutions by acrylamide/itaconic acid hydrogels. <i>Water, Air, and Soil Pollution</i> , 1998, 106, 369-378.	1.1	17
132	Adsorption of Uranyl Ions into Poly(Acrylamide-co-Acrylic Acid) Hydrogels Prepared by Gamma Irradiation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005, 42, 485-494.	1.2	17
133	Computational Design and Preparation of MIPs for Atrazine Recognition on a Conjugated Polymer-Coated Microtiter Plate. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 13910-13916.	1.8	17
134	Preparation and characterization of glycidyl methacrylate grafted 4-amino-1,2,4-triazole modified nonwoven fiber adsorbent for environmental application. <i>Radiation Physics and Chemistry</i> , 2014, 94, 111-114.	1.4	17
135	Preparation and properties of some wood/(co)polymer composites. <i>Angewandte Makromolekulare Chemie</i> , 1999, 269, 30-35.	0.3	16
136	Conductometric and viscometric investigation of poly(N-vinylimidazole)-metal ion complex formation. <i>Journal of Applied Polymer Science</i> , 2002, 85, 376-384.	1.3	16
137	Synthesis and properties of radiation-induced acrylamide-acrylic acid hydrogels. <i>Journal of Applied Polymer Science</i> , 2002, 86, 3570-3580.	1.3	16
138	Radiation induced dehydrochlorination as an in-situ doping technique for enhancement of the conductivity of polyaniline blends. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 236, 153-159.	0.6	16
139	Preconcentration and matrix elimination for the determination of Pb(II), Cd(II), Ni(II), and Co(II) by 8-hydroxyquinoline anchored poly(styrene-divinylbenzene) microbeads. <i>Journal of Applied Polymer Science</i> , 2008, 107, 2714-2722.	1.3	16
140	Ionizing radiation: a versatile tool for nanostructuring of polymers. <i>Pure and Applied Chemistry</i> , 2016, 88, 1049-1061.	0.9	16
141	A new specific metal ion chelated-poly(N-vinylimidazole) gel sorbents for albumin adsorption-desorption. <i>Macromolecular Symposia</i> , 2001, 169, 329-339.	0.4	15
142	Surface properties of binary blend films of poly(N-vinyl-2-pyrrolidone) and poly(vinyl alcohol) with sodium alginate. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 426-430.	2.4	15
143	Spatial Organization of a Metal-Polymer Nanocomposite Obtained by the Radiation-Induced Reduction of Copper Ions in the Poly(Allylamine)-Poly(Acrylic Acid)-Cu ²⁺ System. <i>Mendeleev Communications</i> , 2012, 22, 211-212.	0.6	15
144	Enhancing compatibility between poly(lactic acid) and thermoplastic starch using admicellar polymerization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	15

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