

Olgun GÃ¼ven

List of Publications by Year in descending order

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217
papers

6,749
citations

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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. | 1.7 | 3 |
| 2 | Poly(vinyl amine) microparticles derived from N-Vinylformamide and their versatile use. Polymer Bulletin, 2022, 79, 7729-7751. | 1.7 | 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. | 2.3 | 13 |
| 4 | Radiolytic degradation of carbaryl in aqueous solution by gamma-irradiation/H ₂ O ₂ process. Applied Radiation and Isotopes, 2022, 184, 110210. | 0.7 | 2 |
| 5 | The prospects for radiation technology in mitigating carbon footprint. Radiation Physics and Chemistry, 2022, 198, 110282. | 1.4 | 1 |
| 6 | Free radical polymerization of allylamine in different acidic media. Polymers and Polymer Composites, 2022, 30, 096739112211035. | 1.0 | 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. | 2.6 | 14 |
| 9 | Poly(Vinylamine) Derived N-Doped C-Dots with Antimicrobial and Antibiofilm Activities. Journal of Carbon Research, 2021, 7, 40. | 1.4 | 3 |
| 10 | Tunable fluorescent and antimicrobial properties of poly(vinyl amine) affected by the acidic or basic hydrolysis of poly(N-vinylformamide). Journal of Applied Polymer Science, 2021, 138, 51234. | 1.3 | 9 |
| 11 | Recent Progress in the Membrane Distillation and Impact of Track-Etched Membranes. Polymers, 2021, 13, 2520. | 2.0 | 20 |
| 12 | Radiation-Assisted Synthesis of Polymer-Based Nanomaterials. Applied Sciences (Switzerland), 2021, 11, 7913. | 1.3 | 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. | 2.9 | 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. | 1.4 | 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. | 1.4 | 7 |
| 16 | Preparation and characterization of poly(ethylene-vinyl acetate) based nanocomposites using radiation-modified montmorillonite. Radiation Physics and Chemistry, 2020, 169, 107844. | 1.4 | 6 |
| 17 | Generation of spatially ordered metal-polymer nanostructures in the irradiated dispersions of poly(acrylic acid)-poly(vinylimidazole)-Cu ²⁺ complexes. Colloid and Polymer Science, 2020, 298, 193-202. | 1.0 | 7 |
| 18 | Cu/CuO Composite Track-Etched Membranes for Catalytic Decomposition of Nitrophenols and Removal of As(III). Nanomaterials, 2020, 10, 1552. | 1.9 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Modification of PET Ion-Track Membranes by Silica Nanoparticles for Direct Contact Membrane Distillation of Salt Solutions. <i>Membranes</i> , 2020, 10, 322. | 1.4 | 14 |
| 20 | Effect of brush length of stabilizing grafted matrix on size and catalytic activity of metal nanoparticles. <i>European Polymer Journal</i> , 2020, 134, 109811. | 2.6 | 13 |
| 21 | Preparation of poly(tert -butyl acrylate)-poly(acrylic acid) amphiphilic copolymers via radiation-induced reversible addition-fragmentation chain transfer mediated polymerization of tert -butyl acrylate. <i>Polymer International</i> , 2020, 69, 693-701. | 1.6 | 6 |
| 22 | Radiation induced in-situ synthesis of membranes for removal of 2,4-dichlorophenoxy acetic acid from real water samples. <i>Radiation Physics and Chemistry</i> , 2020, 171, 108708. | 1.4 | 10 |
| 23 | 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 |
| 24 | 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 |
| 25 | Surface modification of cellulose via conventional and controlled radiation-induced grafting. <i>Radiation Physics and Chemistry</i> , 2019, 160, 1-8. | 1.4 | 40 |
| 26 | Preparation and detailed structural characterization of Penicillin G imprinted polymers by PALS and XPS. <i>Radiation Physics and Chemistry</i> , 2019, 159, 174-180. | 1.4 | 10 |
| 27 | 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 |
| 28 | Method for preparing a well-defined molecularly imprinted polymeric system via radiation-induced RAFT polymerization. <i>European Polymer Journal</i> , 2018, 103, 21-30. | 2.6 | 20 |
| 29 | Radiation-synthesized Acrylamide/Crotonic Acid Hydrogels for Selective Mercury (<sc>II</sc>) Ion Adsorption. <i>Advances in Polymer Technology</i> , 2018, 37, 822-829. | 0.8 | 15 |
| 30 | Novel hydrophobic macromonomers for potential amphiphilic block copolymers. <i>Polymer Bulletin</i> , 2018, 75, 47-60. | 1.7 | 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. | 1.4 | 29 |
| 32 | Radiation-induced controlled polymerization of acrylic acid by RAFT and RAFT-MADIX methods in protic solvents. <i>Radiation Physics and Chemistry</i> , 2018, 142, 82-87. | 1.4 | 13 |
| 33 | Preparation of well-defined erythromycin imprinted non-woven fabrics via radiation-induced RAFT-mediated grafting. <i>Radiation Physics and Chemistry</i> , 2018, 142, 77-81. | 1.4 | 21 |
| 34 | 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 |
| 35 | Detailed positron annihilation lifetime spectroscopic investigation of atrazine imprinted polymers grafted onto PE/PP non-woven fabrics. <i>Journal of Molecular Recognition</i> , 2018, 31, e2676. | 1.1 | 11 |
| 36 | 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 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Protein fouling of modified microporous PET track-etched membranes. Radiation Physics and Chemistry, 2018, 151, 141-148. | 1.4 | 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. | 2.0 | 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. | 1.0 | 38 |
| 40 | Chemical modification of PET surface and subsequent graft copolymerization with poly(N-isopropylacrylamide). Reactive and Functional Polymers, 2017, 118, 26-34. | 2.0 | 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. | 1.4 | 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. | 1.1 | 25 |
| 43 | Ionizing radiation: a versatile tool for nanostructuring of polymers. Pure and Applied Chemistry, 2016, 88, 1049-1061. | 0.9 | 16 |
| 44 | Functionalization of poly(esterâ€urethane) surface by radiationâ€nduced grafting of <i>N</i>â€isopropylacrylamide using conventional and reversible additionâ€fragmentation chain transferâ€mediated methods. Polymer International, 2016, 65, 192-199. | 1.6 | 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. | 1.4 | 28 |
| 46 | Radiation-grafted materials for energy conversion and energy storage applications. Progress in Polymer Science, 2016, 63, 1-41. | 11.8 | 64 |
| 47 | Enhancing compatibility between poly(lactic acid) and thermoplastic starch using admicellar polymerization. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 15 |
| 48 | Re-Emerging Field of Lignocellulosic Fiber â€ Polymer Composites and Ionizing Radiation Technology in their Formulation. Polymer Reviews, 2016, 56, 702-736. | 5.3 | 113 |
| 49 | Towards new proton exchange membrane materials with enhanced performance via RAFT polymerization. Polymer Chemistry, 2016, 7, 701-714. | 1.9 | 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. | 1.4 | 31 |
| 51 | Amine functionalization of cellulose surface grafted with glycidyl methacrylate by Î³-initiated RAFT polymerization. Radiation Physics and Chemistry, 2016, 124, 140-144. | 1.4 | 25 |
| 52 | Quaternized poly(1-vinylimidazole) hydrogel for anion adsorption. Polymer Bulletin, 2016, 73, 179-190. | 1.7 | 22 |
| 53 | Study of the Curing Process of DGEBA Epoxy Resin Through Structural Investigation. Macromolecular Chemistry and Physics, 2015, 216, 538-546. | 1.1 | 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. | 0.6 | 22 |

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| 55 | Gamma radiation induced synthesis of poly(N-isopropylacrylamide) mediated by Reversible Addition-“Fragmentation Chain Transfer (RAFT) process. Radiation Physics and Chemistry, 2015, 112, 76-82. | 1.4 | 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. | 1.4 | 26 |
| 57 | Functionalization of cellulose with epoxy groups via $\dot{\text{I}}^3$ -initiated RAFT-mediated grafting of glycidyl methacrylate. Cellulose, 2014, 21, 4067-4079. | 2.4 | 42 |
| 58 | Short vegetal-fiber reinforced HDPE-“A study of electron-beam radiation treatment effects on mechanical and morphological properties. Applied Surface Science, 2014, 310, 325-330. | 3.1 | 25 |
| 59 | Electrical conductivity and spectroscopic characterization of Blends of poly(2-chloroaniline)/polyaniline P(2CIANI)/PANI copolymer with PVC exposed to gamma-rays. Radiation Physics and Chemistry, 2014, 94, 45-48. | 1.4 | 6 |
| 60 | Quaternized dimethylaminoethyl methacrylate strong base anion exchange fibers for As(V) adsorption. Radiation Physics and Chemistry, 2014, 102, 84-95. | 1.4 | 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. | 1.4 | 17 |
| 62 | Grafting in confined spaces: Functionalization of nanochannels of track-etched membranes. Radiation Physics and Chemistry, 2014, 105, 26-30. | 1.4 | 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. | 1.4 | 34 |
| 64 | Radiation-induced and RAFT-mediated grafting of poly(hydroxyethyl methacrylate) (PHEMA) from cellulose surfaces. Radiation Physics and Chemistry, 2014, 94, 98-104. | 1.4 | 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. | 1.4 | 19 |
| 66 | The effect of environmental humidity on radiation-induced degradation of carrageenans. Carbohydrate Polymers, 2014, 114, 546-552. | 5.1 | 5 |
| 67 | The effect of oxidizing agents/systems on the properties of track-etched PET membranes. Polymer Degradation and Stability, 2014, 107, 150-157. | 2.7 | 33 |
| 68 | Poly(2-hydroxyethyl methacrylate) (PHEMA) grafted polyethylene/polypropylene (PE/PP) nonwoven fabric by $\dot{\text{I}}^3$ -initiation: Synthesis, characterization and benefits of RAFT mediation. Radiation Physics and Chemistry, 2014, 105, 31-38. | 1.4 | 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. | 1.4 | 12 |
| 70 | A comprehensive study on the size exclusion chromatography of kappa-“carrageenan for the identification of after-“peaks. Journal of Applied Polymer Science, 2013, 127, 494-499. | 1.3 | 2 |
| 71 | Nanopore size tuning of polymeric membranes using the RAFT-mediated radical polymerization. Journal of Membrane Science, 2013, 445, 135-145. | 4.1 | 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. | 1.8 | 17 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | The formation of interpolymer complexes and hydrophilic associates of poly(acrylic acid) and non-ionic copolymers based on 2-hydroxyethylacrylate in aqueous solutions. <i>Polymer International</i> , 2013, 62, 1310-1315. | 1.6 | 13 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | Treatment of Water Contaminated with Chlorinated Organic Herbicide 2,4-D by an Ozone/Gamma Process. <i>Ozone: Science and Engineering</i> , 2011, 33, 50-65. | 1.4 | 7 |
| 83 | Comparison of pre-irradiation and mutual grafting of 2-chloroacrylonitrile on cellulose by gamma-irradiation. <i>Radiation Physics and Chemistry</i> , 2010, 79, 250-254. | 1.4 | 11 |
| 84 | 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 |
| 85 | Radiation induced in-situ generation of conductivity in the blends of polyaniline-base with chlorinated-polyisoprene. <i>Radiation Physics and Chemistry</i> , 2010, 79, 343-346. | 1.4 | 3 |
| 86 | Removal of phosphate using copper-loaded polymeric ligand exchanger prepared by radiation grafting of polypropylene/polyethylene (PP/PE) nonwoven fabric. <i>Radiation Physics and Chemistry</i> , 2010, 79, 227-232. | 1.4 | 21 |
| 87 | 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 |
| 88 | Radiation-induced molecular imprinting of d-glucose onto poly(2-hydroxyethyl methacrylate) matrices using various crosslinking agents. <i>Radiation Physics and Chemistry</i> , 2010, 79, 219-222. | 1.4 | 5 |
| 89 | RAFT-mediated polymerization and grafting of sodium 4-styrenesulfonate from cellulose initiated via γ -radiation. <i>Polymer</i> , 2009, 50, 973-982. | 1.8 | 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. <i>Radiation Physics and Chemistry</i> , 2009, 78, 1054-1059. | 1.4 | 55 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Spectroscopic and thermal studies of poly[(N-vinylimidazole)-co-(maleic acid)] hydrogel and its quaternized form. <i>Polymer International</i> , 2008, 57, 637-643. | 1.6 | 19 |
| 92 | Preconcentration and matrix elimination for the determination of Pb(II), Cd(II), Ni(II), and Co(II) by 8-hydroxyquinoline anchored poly(styrene- <i>co</i> -divinylbenzene) microbeads. <i>Journal of Applied Polymer Science</i> , 2008, 107, 2714-2722. | 1.3 | 16 |
| 93 | The usability of (sodium alginate/acrylamide) semi-interpenetrating polymer networks on removal of some textile dyes. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3787-3795. | 1.3 | 54 |
| 94 | Characterization of Network Structure of Polyacrylamide Based Hydrogels Prepared By Radiation Induced Polymerization. <i>AIP Conference Proceedings</i> , 2007, , . | 0.3 | 0 |
| 95 | Verification of Controlled Grafting of Styrene from Cellulose via Radiation-Induced RAFT Polymerization. <i>Macromolecules</i> , 2007, 40, 7140-7147. | 2.2 | 176 |
| 96 | Glucose recognition capabilities of hydroxyethyl methacrylate-based hydrogels containing poly(ethylene glycol) chains. <i>Journal of Applied Polymer Science</i> , 2007, 103, 432-441. | 1.3 | 18 |
| 97 | 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 |
| 98 | 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 |
| 99 | Radiation-induced degradation of galactomannan polysaccharides. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 265, 429-433. | 0.6 | 23 |
| 100 | Positron annihilation lifetime spectroscopy of molecularly imprinted hydroxyethyl methacrylate based polymers. <i>Polymer</i> , 2007, 48, 2692-2699. | 1.8 | 18 |
| 101 | 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 |
| 102 | Radiation-induced conductivity control in polyaniline blends/composites. <i>Radiation Physics and Chemistry</i> , 2007, 76, 1302-1307. | 1.4 | 26 |
| 103 | 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 |
| 104 | Swelling behavior of poly{N-[3-(dimethylaminopropyl)] methacrylamide-co-acrylamide} hydrogels in aqueous solutions of surfactants. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 1645-1652. | 2.4 | 10 |
| 105 | Poly(ethylene oxide) and its blends with sodium alginate. <i>Polymer</i> , 2005, 46, 10750-10757. | 1.8 | 195 |
| 106 | Dynamic swelling behavior of γ -radiation induced polyelectrolyte poly(AAm-co-CA) hydrogels in urea solutions. <i>International Journal of Pharmaceutics</i> , 2005, 301, 102-111. | 2.6 | 41 |
| 107 | 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 |
| 108 | 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 |

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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. | 1.4 | 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. | 1.0 | 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. | 2.4 | 4 |
| 112 | Adsorption of Uranyl Ions into Poly(Acrylamide- <i>co</i> -Acrylic Acid) Hydrogels Prepared by Gamma Irradiation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2005, 42, 485-494. | 1.2 | 17 |
| 113 | Adsorption Efficiency of a New Adsorbent Towards Uranium and Vanadium Ions at Low Concentrations. Separation Science and Technology, 2005, 39, 1631-1643. | 1.3 | 55 |
| 114 | Adsorption of Bovine Serum Albumin onto Radiation-Crosslinked Poly(Acrylamide/Acrylic Acid). Adsorption Science and Technology, 2004, 22, 311-325. | 1.5 | 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. | 1.0 | 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. | 5.0 | 33 |
| 117 | Separation of heavy metal ions by complexation on poly (N-vinyl imidazole) hydrogels. Polymer Bulletin, 2004, 51, 307-314. | 1.7 | 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. | 2.4 | 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. | 2.4 | 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. | 1.3 | 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. | 1.3 | 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. | 1.1 | 50 |
| 123 | Preparation of poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels and their drug release behavior. International Journal of Pharmaceutics, 2004, 278, 343-351. | 2.6 | 96 |
| 124 | Synthesis, characterization and amidoximation of a novel polymer: poly(N,N ^o -dipropionitrile) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 2.0 | 2.0 | 25 |
| 125 | Radiation crosslinking of biodegradable hydroxypropylmethylcellulose. Carbohydrate Polymers, 2004, 55, 139-147. | 5.1 | 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. | 1.2 | 68 |

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| 127 | Adsorption of BSA onto radiation-crosslinked poly (AAm/HPMA/MA) terpolymers. Polymer Bulletin, 2003, 50, 183-190. | 1.7 | 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. | 2.3 | 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. | 1.2 | 18 |
| 130 | Conductometric and viscometric investigation of poly(N-vinylimidazole)-metal ion complex formation. Journal of Applied Polymer Science, 2002, 85, 376-384. | 1.3 | 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. | 1.3 | 1 |
| 132 | Synthesis and properties of radiation-induced acrylamide-acrylic acid hydrogels. Journal of Applied Polymer Science, 2002, 86, 3570-3580. | 1.3 | 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. | 1.3 | 8 |
| 134 | Synthesis and characterization of poly(N-vinyl imidazole) hydrogels crosslinked by gamma irradiation. Polymer International, 2002, 51, 1404-1410. | 1.6 | 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 To 1995-2003. | 2.4 | 34 |
| 136 | A new specific metal ion chelated-poly(N-vinylimidazole) gel sorbents for albumin adsorption-desorption. Macromolecular Symposia, 2001, 169, 329-339. | 0.4 | 15 |
| 137 | UV-Induced Electrical and Optical Changes in PVC Blends. Monatshefte FÃ¼r Chemie, 2001, 132, 185-192. | 0.9 | 7 |
| 138 | Use of superswelling acrylamide/maleic acid hydrogels for monovalent cationic dye adsorption. Journal of Applied Polymer Science, 2001, 79, 1809-1815. | 1.3 | 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. | 1.3 | 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. | 1.3 | 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. | 1.3 | 28 |
| 142 | Radiation Induced Superabsorbent Hydrogels. Acrylamide/Itaconic Acid Copolymers. Macromolecular Materials and Engineering, 2001, 286, 34-42. | 1.7 | 102 |
| 143 | Synthesis and characterization of N-vinylimidazole-ethyl methacrylate copolymers and determination of monomer reactivity ratios. European Polymer Journal, 2001, 37, 2443-2451. | 2.6 | 48 |
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