

Mohamed Mahmoud Nasef

List of Publications by Year in descending order

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146
all docs

146
docs citations

146
times ranked

3488
citing authors

#	ARTICLE	IF	CITATIONS
1	A Critical Review on Natural Fibers Modifications by Graft Copolymerization for Wastewater Treatment. Journal of Polymers and the Environment, 2022, 30, 1199-1227.	5.0	4
2	Fouling Prevention in Polymeric Membranes by Radiation Induced Graft Copolymerization. Polymers, 2022, 14, 197.	4.5	10
3	Degradable Slow-Release Fertilizer Composite Prepared by Ex Situ Mixing of Inverse Vulcanized Copolymer with Urea. Agronomy, 2022, 12, 65.	3.0	6
4	Effect of amine head group imparted to poly (glycidyl methacrylate) grafted fibrous adsorbent for CO ₂ adsorption. Journal of Physics: Conference Series, 2022, 2259, 012022.	0.4	1
5	Towards the development of new generation of ion exchange membranes for reverse electrodialysis: A review. Desalination, 2022, 537, 115854.	8.2	36
6	Boron removal by glucamine-functionalized inverse vulcanized sulfur polymer. Reactive and Functional Polymers, 2022, 177, 105311.	4.1	13
7	Sulfur enriched slow-release coated urea produced from inverse vulcanized copolymer. Science of the Total Environment, 2022, 846, 157417.	8.0	16
8	Preparation and characterization of green polymer by copolymerization of corn oil and sulphur at molten state. Polymers and Polymer Composites, 2021, 29, 1179-1190.	1.9	12
9	Evaluation of properties of sulfur-based polymers obtained by inverse vulcanization: Techniques and challenges. Polymers and Polymer Composites, 2021, 29, 1333-1352.	1.9	26
10	Preparation and characterization of sulfur-vinylbenzyl chloride polymer under optimized reaction conditions using inverse vulcanization. European Polymer Journal, 2021, 143, 110202.	5.4	15
11	Conversion of palm oil to new sulfur-based polymer by inverse vulcanization. E3S Web of Conferences, 2021, 287, 02014.	0.5	5
12	Synthesis and Characterization of Sustainable Inverse Vulcanized Copolymers from Non-Edible Oil. ChemistrySelect, 2021, 6, 1180-1190.	1.5	14
13	Highly conductive anion exchange membranes based on polymer networks containing imidazolium functionalised side chains. Scientific Reports, 2021, 11, 3764.	3.3	22
14	Selective removal of boron from industrial wastewater containing high concentration of ammonia by radiation grafted fibrous adsorbent in fixed bed column. Journal of Environmental Chemical Engineering, 2021, 9, 104993.	6.7	17
15	Optimization of synthesis of inverse vulcanized copolymers from rubber seed oil using response surface methodology. Polymer, 2021, 219, 123553.	3.8	18
16	Tetraethylenepentamine-containing adsorbent with optimized amination efficiency based on grafted polyolefin microfibrinous substrate for CO ₂ adsorption. Arabian Journal of Chemistry, 2021, 14, 103067.	4.9	6
17	Highly boron-selective adsorbent by radiation induced grafting of N-vinylformamide on polyethylene/polypropylene sheet followed by hydrolysis and glycidol treatment. Radiation Physics and Chemistry, 2021, 182, 109362.	2.8	8
18	Microstructural behavior of magnetorheological elastomer undergoing durability evaluation by stress relaxation. Scientific Reports, 2021, 11, 10936.	3.3	11

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19	Comparative modelling analysis of boron dynamic adsorption on fibrous adsorbent prepared using radiation grafting versus granular resin. Journal of Environmental Chemical Engineering, 2021, 9, 105208.	6.7	13
20	Isotherms, kinetics, and thermodynamics of boron adsorption on fibrous polymeric chelator containing glycidol moiety optimized with response surface method. Arabian Journal of Chemistry, 2021, 14, 103453.	4.9	17
21	Engineered Bioactive Polymeric Surfaces by Radiation Induced Graft Copolymerization: Strategies and Applications. Polymers, 2021, 13, 3102.	4.5	18
22	Facile preparation of fibrous glycidol-containing adsorbent for boron removal from solutions by radiation-induced grafting of poly(vinylamine) and functionalisation. Radiation Physics and Chemistry, 2021, 188, 109596.	2.8	13
23	Interaction Insight of Pullulan-Mediated Gamma-Irradiated Silver Nanoparticle Synthesis and Its Antibacterial Activity. Polymers, 2021, 13, 3578.	4.5	12
24	Poly(lactic acid)/poly(butylene succinate) dual-layer membranes with cellulose nanowhisker for heavy metal ion separation. International Journal of Biological Macromolecules, 2021, 192, 654-664.	7.5	14
25	A Degradable Inverse Vulcanized Copolymer as a Coating Material for Urea Produced under Optimized Conditions. Polymers, 2021, 13, 4040.	4.5	15
26	Copolymerization of palm oil with sulfur using inverse vulcanization to boost the palm oil industry. Polymers and Polymer Composites, 2021, 29, S1446-S1456.	1.9	6
27	Ionic liquid assisted cellulose aerogels for cleaning an oil spill. Materials Today: Proceedings, 2020, 31, 217-220.	1.8	19
28	Kinetic studies of radiation induced grafting of N-vinylformamide onto polyethylene/polypropylene fibrous sheets and testing its hydrolysed copolymer for CO ₂ adsorption. Radiation Physics and Chemistry, 2020, 171, 108727.	2.8	15
29	Sulfur-based polymers by inverse vulcanization: a novel path to foster green chemistry. Green Materials, 2020, 8, 172-180.	2.1	16
30	Screening of ionic liquids for the extraction of biologically active compounds using emulsion liquid membrane: COSMO-RS prediction and experiments. Journal of Molecular Liquids, 2020, 309, 113122.	4.9	44
31	Fabrication and characterization of supported dual acidic ionic liquids for polymer electrolyte membrane fuel cell applications. Arabian Journal of Chemistry, 2019, 12, 1011-1023.	4.9	15
32	Copolymerization of vegetable oils and bio-based monomers with elemental sulfur: A new promising route for bio-based polymers. Sustainable Chemistry and Pharmacy, 2019, 13, 100158.	3.3	33
33	Biopolymer catalyst for biodiesel production by functionalisation of radiation grafted flax fibres with diethylamine under optimised conditions. Radiation Physics and Chemistry, 2019, 164, 108375.	2.8	11
34	Aerogel-based materials for adsorbent applications in material domains. E3S Web of Conferences, 2019, 90, 01003.	0.5	11
35	Carbon Dioxide Adsorption on Grafted Nanofibrous Adsorbents Functionalized Using Different Amines. Frontiers in Energy Research, 2019, 7, .	2.3	21
36	Improving the redox flow battery performance of low-cost thin polyelectrolyte membranes by layer-by-Layer Surface assembly. Journal of Power Sources, 2019, 413, 182-190.	7.8	28

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37	Highly durable polybenzimidazole composite membranes with phosphonated graphene oxide for high temperature polymer electrolyte membrane fuel cells. Journal of Power Sources, 2019, 412, 238-245.	7.8	74
38	Amine functionalized radiation induced grafted polyolefin nanofibers for CO ₂ adsorption. Radiation Physics and Chemistry, 2019, 156, 58-66.	2.8	23
39	Preparation and characterization of highly stable protic-ionic-liquid membranes. International Journal of Hydrogen Energy, 2019, 44, 30732-30742.	7.1	6
40	LIPASE IMMOBILIZATION ON FIBERS GRAFTED WITH POLYGLYCIDYL METHACRYLATE. IIUM Engineering Journal, 2019, 20, 12-23.	0.8	6
41	Production of Biodiesel from Cottonseed Oil over Aminated Flax Fibres Catalyst: Kinetic and Thermodynamic Behaviour and Biodiesel Properties. Advances in Chemical Engineering and Science, 2019, 09, 281-298.	0.5	9
42	Preparation and Candida rugosa Lipase Immobilization on Nylon-6 Grafted and Aminated (Polyvinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	4
43	Surface Modification of Teflonated Carbon Fabric by Ultrasound-Assisted Radiation Induced Grafting Copolymerization. Journal of Energy and Safety Technology (JEST), 2019, 1, .	0.1	0
44	Phosphonated graphene oxide with high electrocatalytic performance for vanadium redox flow battery. International Journal of Hydrogen Energy, 2018, 43, 189-197.	7.1	50
45	An Optimized Covalent Immobilization of Glucamine on Electrospun Nanofibrous Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 2.1 8	2.1	8
46	Preparation and characterization of hydrophilic polyurethane scaffolds by electrospinning and radiation induced grafting of 2-hydroxyethylmethacrylate. AIP Conference Proceedings, 2018, , .	0.4	1
47	Highly Active Low Cobalt Content-Based Bulk MoS ₂ Hydrodesulfurization Catalysts with a Unique Impact of H ₂ S. Journal of Chemistry, 2018, 2018, 1-9.	1.9	2
48	Tunable Electrochemical Approach for Reduction of Graphene Oxide: Taguchi-Assisted Chemical and Structural Optimization. Journal of the Electrochemical Society, 2018, 165, E429-E438.	2.9	8
49	Highly flexible method for fabrication of poly (Glycidyl Methacrylate) grafted polyolefin nanofiber. Radiation Physics and Chemistry, 2018, 151, 283-291.	2.8	14
50	Intensifying radiation induced grafting of 4-vinylpyridine/glycidyl methacrylate mixtures onto poly(ethylene-co-tetrafluoroethylene) films using ultrasound. Radiation Physics and Chemistry, 2017, 134, 56-61.	2.8	6
51	Polyvinylamine-Containing Adsorbent by Radiation-Induced Grafting of <i>N</i>-Vinylformamide onto Ultrahigh Molecular Weight Polyethylene Films and Hydrolysis for CO ₂ Capture. Industrial & Engineering Chemistry Research, 2017, 56, 5925-5934.	3.7	22
52	Electrospinning of poly(vinylpyrrolidone) template for formation of ZrO ₂ nanoclusters for enhancing properties of composite proton conducting membranes. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 289-298.	3.4	11
53	Composite Membranes Based on Heteropolyacids and Their Applications in Fuel Cells. , 2017, , 99-131.		3
54	Kinetic investigations of emulsion- and solvent-mediated radiation induced graft copolymerization of glycidyl methacrylate onto nylon-6 fibres. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 843-857.	1.5	14

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55	Phase separated nanofibrous anion exchange membranes with polycationic side chains. Journal of Materials Chemistry A, 2017, 5, 15326-15341.	10.3	39
56	Modification of polyethylene-polypropylene fibers by emulsion and solvent radiation grafting systems for boron removal. Fibers and Polymers, 2017, 18, 1048-1055.	2.1	19
57	Synthesis of pyrano[2,3-c]pyrazoles by ionic liquids under green and eco-safe conditions. Research on Chemical Intermediates, 2017, 43, 717-728.	2.7	23
58	An optimised synthesis of high performance radiation-grafted anion-exchange membranes. Green Chemistry, 2017, 19, 831-843.	9.0	141
59	OPTIMIZATION OF BATCH CONDITIONS FOR THE REMOVAL OF BORON BY AMBERLITE IR743. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
60	Enhancement of performance of pyridine modified polybenzimidazole fuel cell membranes using zirconium oxide nanoclusters and optimized phosphoric acid doping level. International Journal of Hydrogen Energy, 2016, 41, 6842-6854.	7.1	24
61	Environmentally benign and highly regioselective ring opening of epoxides accelerated by ultrasound irradiation. Green Chemistry Letters and Reviews, 2016, 9, 76-84.	4.7	11
62	Radiation-grafted materials for energy conversion and energy storage applications. Progress in Polymer Science, 2016, 63, 1-41.	24.7	64
63	Enhancing antimicrobial properties of poly(vinylidene fluoride)/hexafluoropropylene copolymer membrane by electron beam induced grafting of N-vinyl-2-pyrrolidone and iodine immobilization. RSC Advances, 2016, 6, 42461-42473.	3.6	15
64	Removal of Ni(II), Zn(II) and Pb(II) from aqueous solutions using cation-exchange resin in fixed-bed column. Desalination and Water Treatment, 2016, 57, 18770-18781.	1.0	3
65	Preparation of alkaline polymer catalyst by radiation induced grafting for transesterification of triacetin under neural network optimized conditions. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 557-565.	2.2	7
66	Enhancement of fuel cell performance with less-water dependent composite membranes having polyoxometalate anchored nanofibrous interlayer. Journal of Power Sources, 2016, 326, 482-489.	7.8	21
67	Radiation grafted adsorbents for newly emerging environmental applications. Radiation Physics and Chemistry, 2016, 118, 55-60.	2.8	20
68	Modification of flax fibres by radiation induced emulsion graft copolymerization of glycidyl methacrylate. Radiation Physics and Chemistry, 2016, 122, 35-42.	2.8	25
69	Optimization of biodiesel production from waste cooking oil using ion-exchange resins. International Journal of Green Energy, 2016, 13, 28-33.	3.8	7
70	New Selective Adsorbent from Modified Waste Nylon-6 Microfibers for Removal of Boron from Waters. , 2016, , .		0
71	Aspen Plus Simulation of Ultrasound Assisted Distillation for Separating Azeotropic Mixture. Advanced Materials Research, 2015, 1113, 710-714.	0.3	0
72	High refractive index materials: A structural property comparison of sulfide and sulfoxide containing polyamides. Journal of Polymer Science Part A, 2015, 53, 2867-2877.	2.3	17

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73	PREPARATION AND CHARACTERIZATION OF POLY(1-VINYL IMIDAZOLE)-GRAFT-ETFE/PHOSPHORIC ACID PROTON CONDUCTING MEMBRANES. Jurnal Teknologi (Sciences and Engineering), 2015, 75, .	0.4	0
74	Preparation and Characterization of Poly(3-hydroxybutyric acid)/Poly(vinyl acetate) Blend Films. Asian Journal of Chemistry, 2015, 27, 979-983.	0.3	6
75	Modification of nylon-6 fibres by radiation-induced graft polymerisation of vinylbenzyl chloride. Radiation Physics and Chemistry, 2015, 109, 54-62.	2.8	23
76	Kinetic behaviour of graft copolymerisation of nitrogenous heterocyclic monomer onto EB-irradiated ETFE films. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 1225-1234.	1.5	7
77	Tuning N-methyl-<sc>d</sc>-glucamine density in a new radiation grafted poly(vinyl benzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Advances, 2015, 5, 37869-37880.	3.6	27
78	Improved Methanol Barrier Property of Nafion Hybrid Membrane by Incorporating Nanofibrous Interlayer Self-Immobilized with High Level of Phosphotungstic Acid. ACS Applied Materials & Interfaces, 2015, 7, 17008-17015.	8.0	62
79	Ultrasound-assisted regioselective ring opening of epoxides with nitrogen heterocycles using pyrrolidonium and imidazolium-based acidic ionic liquids. Research on Chemical Intermediates, 2015, 41, 10097-10108.	2.7	9
80	Sustainable alternative protocols for the multicomponent synthesis of spiro-4H-pyrans catalyzed by 4-dimethylaminopyridine. Journal of Industrial and Engineering Chemistry, 2015, 29, 273-281.	5.8	33
81	State-of-the-Art Technologies for Separation of Azeotropic Mixtures. Separation and Purification Reviews, 2015, 44, 308-330.	5.5	75
82	Radiation-Grafted Membranes for Polymer Electrolyte Fuel Cells: Current Trends and Future Directions. Chemical Reviews, 2014, 114, 12278-12329.	47.7	164
83	Parametric investigations on proton conducting membrane by radiation induced grafting of 4-vinylpyridine onto poly(vinylidene fluoride) and phosphoric acid doping. Radiochimica Acta, 2014, 102, 351-362.	1.2	14
84	Modeling and optimization aspects of radiation induced grafting of 4-vinylpyridene onto partially fluorinated films. Radiation Physics and Chemistry, 2014, 94, 123-128.	2.8	9
85	Polymer-based chelating adsorbents for the selective removal of boron from water and wastewater: A review. Reactive and Functional Polymers, 2014, 85, 54-68.	4.1	114
86	Eco-safe and expeditious approaches for synthesis of quinazoline and pyrimidine-2-amine derivatives using ionic liquids aided with ultrasound or microwave irradiation. Journal of Molecular Liquids, 2014, 199, 267-274.	4.9	26
87	Electrospinning of nylon-6,6 solutions into nanofibers: Rheology and morphology relationships. Chinese Journal of Polymer Science (English Edition), 2014, 32, 793-804.	3.8	60
88	Vapor-liquid equilibrium of ethanol/ethyl acetate mixture in ultrasonic intensified environment. Korean Journal of Chemical Engineering, 2014, 31, 875-880.	2.7	5
89	New CO ₂ adsorbent containing aminated poly(glycidyl methacrylate) grafted onto irradiated PE-PP nonwoven sheet. Radiation Physics and Chemistry, 2014, 103, 72-74.	2.8	30
90	Modeling, prediction, and multifactorial optimization of radiation-induced grafting of 4-vinylpyridine onto poly(vinylidene fluoride) films using statistical simulator. Journal of Applied Polymer Science, 2013, 127, 1659-1666.	2.6	7

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91	Preparation and characterization of phosphoric acid composite membrane by radiation induced grafting of 4-vinylpyridine onto poly(ethylene-co-tetrafluoroethylene) followed by phosphoric acid doping. Journal of Applied Polymer Science, 2013, 128, 549-557.	2.6	23
92	Highly refractive, transparent, and solution processable polyamides based on a noncoplanar ortho-substituted sulfonyl-bridged diacid monomer containing chlorine side groups. Journal of Polymer Research, 2013, 20, 1.	2.4	12
93	Optimization and kinetics of phosphoric acid doping of poly(1-vinylimidazole)-graft-poly(ethylene-co-tetrafluoroethylene) proton conducting membrane precursors. Journal of Membrane Science, 2013, 446, 422-432.	8.2	7
94	Composite proton conducting membrane by radiation-induced grafting of 1-vinylimidazole onto poly(ethylene-co-tetrafluoroethylene) and phosphoric acid doping. High Performance Polymers, 2013, 25, 198-204.	1.8	15
95	Optimization of Parameters Affecting Adsorption of Nickel (II), Zinc (II) and Lead (II) on Dowex 50 W Resin Using a Response Surface Methodology Approach. Journal of Environmental Science and Technology, 2013, 6, 106-118.	0.3	4
96	Radiation-grafted copolymers for separation and purification purposes: Status, challenges and future directions. Progress in Polymer Science, 2012, 37, 1597-1656.	24.7	221
97	Introduction to Ion Exchange Processes. , 2012, , 1-39.		8
98	Preparation and Characterization of Chitosan/Agar Blended Films: Part 2. Thermal, Mechanical, and Surface Properties. E-Journal of Chemistry, 2012, 9, 510-516.	0.5	34
99	Preparation and Characterization of Chitosan/Agar Blended Films: Part 1. Chemical Structure and Morphology. E-Journal of Chemistry, 2012, 9, 1431-1439.	0.5	51
100	Water and charge transport models in proton exchange membranes: An overview. Desalination, 2012, 287, 238-246.	8.2	26
101	Optimization strategies for radiation induced grafting of 4-vinylpyridine onto poly(ethylene-co-tetrafluoroethylene) film using Box-Behnken design. Radiation Physics and Chemistry, 2012, 81, 437-444.	2.8	12
102	Optimization of biodiesel production from waste cooking oil using ion exchange resins. , 2011, , .		0
103	Preparation and Properties of Non-Crosslinked and Ionically Crosslinked Chitosan/Agar Blended Hydrogel Films. E-Journal of Chemistry, 2011, 8, S409-S419.	0.5	14
104	Preparation and Characterization of Chitosan/Poly(Vinyl Alcohol) Blended Films: Mechanical, Thermal and Surface Investigations. E-Journal of Chemistry, 2011, 8, 91-96.	0.5	51
105	Optimization of reaction parameters of radiation induced grafting of 1-vinylimidazole onto poly(ethylene-co-tetrafluoroethylene) using response surface method. Radiation Physics and Chemistry, 2011, 80, 1222-1227.	2.8	19
106	Comparative investigations of radiation-grafted proton-exchange membranes prepared using single-step and conventional two-step radiation-induced grafting methods. Polymer International, 2011, 60, 186-193.	3.1	14
107	Kinetic investigations of graft copolymerization of sodium styrene sulfonate onto electron beam irradiated poly(vinylidene fluoride) films. Radiation Physics and Chemistry, 2011, 80, 66-75.	2.8	43
108	Teaching engineering ethics: a necessary measure for engineering capacity building in Arab countries. International Journal of Arab Culture, Management and Sustainable Development, 2010, 1, 318.	0.1	0

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109	Acid-synergized grafting of sodium styrene sulfonate onto electron beam irradiated poly(vinylidene fluoride) (PVDF) films. Journal of Polymer Science Part A: Polymer Chemistry, 2010, 48, 2801-2809.	1.0	78
110	The Preparation and Characterization of Chitosan / Poly (Vinyl Alcohol) Blended Films. E-Journal of Chemistry, 2010, 7, 1212-1219.	0.5	74
111	Preparation and Characterization of Chitosan/Polyvinyl Alcohol Blends-A Rheological Study. E-Journal of Chemistry, 2010, 7, S349-S357.	0.5	13
112	REMOVAL OF METAL IONS FROM AQUEOUS SOLUTIONS USING CROSSLINKED POLYETHYLENE TEREPHTHALATE-POLYSTYRENE SULFONIC ACID ADSORBENT PREPARED BY RADIATION GRAFTING. Journal of the Chilean Chemical Society, 2010, 55, 421-427.	1.2	24
113	Single-step radiation induced grafting for preparation of proton exchange membranes for fuel cell. Journal of Membrane Science, 2009, 339, 115-119.	8.2	44
114	Adsorption of some heavy metal ions from aqueous solutions on Nafion 117 membrane. Desalination, 2009, 249, 677-681.	8.2	82
115	Fuel Cell Membranes by Radiation-Induced Graft Copolymerization: Current Status, Challenges, and Future Directions. , 2008, , 1-28.		1
116	Effect of reaction conditions on electron induced graft copolymerization of styrene onto poly(ethylene-co-tetrafluoroethylene) films: Kinetics study. Chemical Engineering Journal, 2007, 132, 27-35.	12.7	29
117	Surface studies of radiation grafted sulfonic acid membranes: XPS and SEM analysis. Applied Surface Science, 2006, 252, 3073-3084.	6.1	99
118	Structural, thermal and ion transport properties of radiation grafted lithium conductive polymer electrolytes. Materials Chemistry and Physics, 2006, 99, 361-369.	4.0	23
119	Single Radiation-Induced Grafting Method for the Preparation of Two Proton- and Lithium Ion-Conducting Membranes. Macromolecular Materials and Engineering, 2006, 291, 972-983.	3.6	27
120	Structure-property Relationships in Radiation Grafted Poly(tetrafluoroethylene)-graft-polystyrene Sulfonic Acid Membranes. Journal of Polymer Research, 2005, 12, 305-312.	2.4	19
121	STRUCTURE OF POLYETHYLENE-GRAFT-POLYSTYRENE SULFONIC ACID MEMBRANES PREPARED BY RADIATION-INDUCED GRAFTING. International Journal of Polymeric Materials and Polymeric Biomaterials, 2004, 53, 1027-1043.	3.4	18
122	Preparation of polymer electrolyte membranes for lithium batteries by radiation-induced graft copolymerization. Solid State Ionics, 2004, 171, 243-249.	2.7	22
123	Electron irradiation effects on partially fluorinated polymer films: Structure-property relationships. Nuclear Instruments & Methods in Physics Research B, 2003, 201, 604-614.	1.4	71
124	Electron beam irradiation effects on ethylene-tetrafluoroethylene copolymer films. Radiation Physics and Chemistry, 2003, 68, 875-883.	2.8	72
125	Structural investigations of poly(ethylene terephthalate)-graft-polystyrene copolymer films. Journal of Applied Polymer Science, 2002, 84, 1949-1955.	2.6	12
126	Investigation of electron irradiation induced-changes in poly(vinylidene fluoride) films. Polymer Degradation and Stability, 2002, 75, 85-92.	5.8	63

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127	Structural investigation of polystyrene grafted and sulfonated poly(tetrafluoroethylene) membranes. European Polymer Journal, 2002, 38, 87-95.	5.4	26
128	Effect of solvents on radiation-induced grafting of styrene onto fluorinated polymer films. Polymer International, 2001, 50, 338-346.	3.1	62
129	Radiation-induced grafting of styrene onto poly(tetrafluoroethylene) (PTFE) films. I. Effect of grafting conditions and properties of the grafted films. Polymer International, 2000, 49, 399-406.	3.1	92
130	Cation exchange membranes by radiation-induced graft copolymerization of styrene onto PFA copolymer films. II. Characterization of sulfonated graft copolymer membranes. Journal of Applied Polymer Science, 2000, 76, 1-11.	2.6	79
131	Proton exchange membranes prepared by simultaneous radiation grafting of styrene onto poly(tetrafluoroethylene-co-hexafluoropropylene) films. I. Effect of grafting conditions. Journal of Applied Polymer Science, 2000, 76, 220-227.	2.6	69
132	XPS studies of radiation grafted PTFE-g-polystyrene sulfonic acid membranes. Journal of Applied Polymer Science, 2000, 76, 336-349.	2.6	69
133	Part II. Properties of the grafted and sulfonated membranes. Polymer International, 2000, 49, 1572-1579.	3.1	28
134	Gamma radiation-induced graft copolymerization of styrene onto poly(ethyleneterephthalate) films. Journal of Applied Polymer Science, 2000, 77, 1003-1012.	2.6	45
135	Cation exchange membranes by radiation-induced graft copolymerization of styrene onto PFA copolymer films. III. Thermal stability of the membranes. Journal of Applied Polymer Science, 2000, 77, 1877-1885.	2.6	32
136	Cation exchange membranes by radiation-induced graft copolymerization of styrene onto PFA copolymer films. IV. Morphological investigations using X-ray photoelectron spectroscopy. Journal of Applied Polymer Science, 2000, 77, 2455-2463.	2.6	24
137	Proton exchange membranes prepared by simultaneous radiation grafting of styrene onto poly(tetrafluoroethylene-co-hexafluoropropylene) films. II. Properties of sulfonated membranes. Journal of Applied Polymer Science, 2000, 78, 2443-2453.	2.6	61
138	Thermal stability of radiation grafted PTFE-g-polystyrene sulfonic acid membranes. Polymer Degradation and Stability, 2000, 68, 231-238.	5.8	37
139	Thermal degradation behaviour of radiation grafted FEP-g-polystyrene sulfonic acid membranes. Polymer Degradation and Stability, 2000, 70, 497-504.	5.8	34
140	XPS studies of radiation grafted PTFE-g-polystyrene sulfonic acid membranes. , 2000, 76, 336.		1
141	XPS studies of radiation grafted PTFE-g-polystyrene sulfonic acid membranes. Journal of Applied Polymer Science, 2000, 76, 336.	2.6	3
142	Part II. Properties of the grafted and sulfonated membranes. Polymer International, 2000, 49, 1572-1579.	3.1	3
143	Cation exchange membranes by radiation-induced graft copolymerization of styrene onto PFA copolymer films. I. Preparation and characterization of the graft copolymer. Journal of Applied Polymer Science, 1999, 73, 2095-2102.	2.6	71
144	Linear and Non-Linear Regression Analysis of Boron Adsorption Kinetics on New Radiation Grafted Fibrous Adsorbent. Applied Mechanics and Materials, 0, 625, 245-248.	0.2	0

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145	Kinetics of Radiation-Induced Graft Copolymerization of Vinylbenzyl Chloride onto Nylon Fibers. Applied Mechanics and Materials, 0, 719-720, 63-66.	0.2	1