Ayhan Bozkurt

List of Publications by Year
in descending order

147 papers	3,140 citations	147566 31 h-index	214527 47 g-index
147 all docs	147 docs citations	147 times ranked	2660 citing authors

#	Article	IF	Citations
1	The development of novel costâ€effective bioâ€electrolyte with glycerol host for carbonâ€based flexible supercapacitor applications. International Journal of Energy Research, 2022, 46, 5189-5199.	2.2	6
2	Synthesis of hierarchical multilayer N-doped Mo2C@MoO3 nanostructure for high-performance supercapacitor application. Journal of Energy Storage, 2022, 46, 103824.	3.9	33
3	Highly robust multilayer nanosheets with ultra-efficient batch adsorption and gravity-driven filtration capability for dye removal. Journal of Industrial and Engineering Chemistry, 2022, 109, 287-295.	2.9	6
4	Template-free preparation of iron oxide loaded hollow silica spheres and their anticancer proliferation capabilities. RSC Advances, 2022, 12, 6791-6802.	1.7	1
5	Fabrication of high mechanical stability electrodes and bio-electrolytes for high-performance supercapacitor application. Journal of Alloys and Compounds, 2022, 913, 165230.	2.8	9
6	Synthesis of a Molybdate-Chelated Biodegradable Gel Electrolyte for High Energy Density Supercapacitors. ACS Applied Energy Materials, 2022, 5, 6833-6846.	2.5	9
7	Redox active polymer metal chelates for use in flexible symmetrical supercapacitors: Cobalt-containing poly(acrylic acid) polymer electrolytes. Journal of Energy Chemistry, 2021, 55, 145-153.	7.1	54
8	Synthesis of manganese (IV) oxide at activated carbon on reduced graphene oxide sheets via laser irradiation technique for organic binder-free electrodes in flexible supercapacitors. Ceramics International, 2021, 47, 7416-7424.	2.3	9
9	Highly Flexible and Tailorable Cobaltâ€Doped Crossâ€Linked Polyacrylamideâ€Based Electrolytes for Use in Highâ€Performance Supercapacitors. Chemistry - an Asian Journal, 2021, 16, 1438-1444.	1.7	7
10	Natural pozzolan super-absorbent polymer: synthesis, characterization, and its application on plant growing under drought condition. International Journal of Energy and Environmental Engineering, 2021, 12, 751-760.	1.3	1
11	Jute Sticks Derived and Commercially Available Activated Carbons for Symmetric Supercapacitors with Bioâ€electrolyte: A Comparative Study. Synthetic Metals, 2021, 277, 116765.	2.1	100
12	Graft copolymer electrolytes for electrochemical double layer electrochemical capacitor applications. Synthetic Metals, 2021, 278, 116814.	2.1	2
13	Novel Polymer Nanocomposites Comprising Triazole Functional Silica for Dental Application. Silicon, 2020, 12, 109-116.	1.8	9
14	Alginate-guided size and morphology-controlled synthesis of MnO₂nanoflakes. Soft Materials, 2020, 18, 46-54.	0.8	11
15	Synthesis, characterization and supercapacitor application of ionic liquid incorporated nanocomposites based on SPSU/Silicon dioxide. Journal of Physics and Chemistry of Solids, 2020, 137, 109209.	1.9	18
16	Construction of symmetric supercapacitors using anhydrous electrolytes containing heterocyclic oligomeric structures. International Journal of Energy Research, 2020, 44, 3203-3214.	2.2	6
17	High-temperature symmetric supercapacitor applications of anhydrous gel electrolytes including doped triazole terminated flexible spacers. Journal of Molecular Liquids, 2020, 301, 112400.	2.3	18
18	Molybdate incorporated poly(acrylic acid) electrolytes for use in quasi-solid state carbon based supercapacitors: Redox-active polychelates. Electrochimica Acta, 2020, 354, 136770.	2.6	32

#	Article	IF	Citations
19	Coronavirus diseases 2019: Current biological situation and potential therapeutic perspective. European Journal of Pharmacology, 2020, 886, 173447.	1.7	24
20	Bio-inspired redox mediated electrolyte for high performance flexible supercapacitor applications over broad temperature domain. Journal of Power Sources, 2020, 474, 228544.	4.0	47
21	Vorinostat-loaded titanium oxide nanoparticles (anatase) induce G2/M cell cycle arrest in breast cancer cells via PALB2 upregulation. 3 Biotech, 2020, 10, 407.	1.1	21
22	Symmetric Supercapacitor Application of Anhydrous Gel Electrolytes Comprising Doped Tetrazole Terminated Flexible Spacers. Macromolecular Research, 2020, 28, 1074-1081.	1.0	4
23	Design of Crosslinked Hydrogels Comprising Poly(Vinylphosphonic Acid) and Bis[2-(Methacryloyloxy)Ethyl] Phosphate as an Efficient Adsorbent for Wastewater Dye Removal. Nanomaterials, 2020, 10, 131.	1.9	21
24	Design of highâ€performance flexible symmetric supercapacitors energized by redoxâ€mediated hydrogels including metalâ€doped acidic polyelectrolyte. International Journal of Energy Research, 2020, 44, 4309-4320.	2.2	12
25	Proton conductivity and structural properties of nanocomposites based on boehmite incorporated poly(vinlyphosphonic acid). Ionics, 2019, 25, 4831-4840.	1.2	2
26	Sulfonated Hollow Silica Spheres as Electrolyte Store/Release Agents: Highâ€Performance Supercapacitor Applications. Energy Technology, 2019, 7, 1900511.	1.8	32
27	Novel flexible Li-doped PEO/copolymer electrolytes for supercapacitor application. Ionics, 2019, 25, 1773-1781.	1.2	33
28	Delivery of Conjugated Silicon Dioxide Nanoparticles Show Strong Anti-Proliferative Activities. Applied Biochemistry and Biotechnology, 2019, 189, 760-773.	1.4	11
29	Fabrication of Al₂O₃/ILâ€Based Nanocomposite Polymer Electrolytes for Supercapacitor Application. ChemistrySelect, 2019, 4, 5880-5887.	0.7	5
30	Aminotriazole functional silica incorporated BisGMA/TEGDMA resins as dental nanocomposites. Polymers and Polymer Composites, 2019, 27, 488-495.	1.0	6
31	A comparative study of various polyelectrolyte/nanocomposite electrode combinations in symmetric supercapacitors. International Journal of Hydrogen Energy, 2019, 44, 16099-16109.	3.8	33
32	Redoxâ€Mediated Poly(2â€acrylamidoâ€2â€methylâ€1â€propanesulfonic acid)/Ammonium Molybdate Hydrogels for Highly Effective Flexible Supercapacitors. ChemElectroChem, 2019, 6, 2876-2882.	1.7	38
33	Synthesis, Characterization, and Swelling Behaviors of Poly(acrylic acid-co-acrylamide)/Pozzolan Superabsorbent Polymers. Journal of Polymers and the Environment, 2019, 27, 1086-1095.	2.4	8
34	Synthesis and Physical Properties of Proton Conducting Polymer Electrolytes Comprising PAM Cross-Linked Flexible Spacers. Macromolecular Research, 2019, 27, 713-719.	1.0	5
35	Boron-incorporated Sulfonated polysulfone/polyphosphoric acid electrolytes for supercapacitor application. Soft Materials, 2019, 17, 203-211.	0.8	14
36	An investigation of lithium ion conductivity of copolymers based on P(AMPSâ€coâ€PEGMA). Journal of Applied Polymer Science, 2019, 136, 47798.	1.3	4

#	Article	IF	Citations
37	Chitosan/hollow silica sphere nanocomposites for wound healing application. Journal of Materials Research, 2019, 34, 231-239.	1.2	13
38	Nanocomposites composed of sulfonated polysulfone/hexagonal boron nitride/ionic liquid for supercapacitor applications. Journal of Energy Storage, 2019, 21, 672-679.	3.9	45
39	A novel approach to produce monodisperse hollow pure silica spheres. Journal of Saudi Chemical Society, 2019, 23, 477-485.	2.4	3
40	Synthesis and Characterization of Novel Azole Functionalized Poly(glycidyl methacrylate)s for Antibacterial and Anticandidal Activity. Current Organic Synthesis, 2019, 16, 1002-1009.	0.7	2
41	Synthesis and anhydrous proton conductivity of doped azole functional PGMA-hBN nano-flakes. Synthetic Metals, 2018, 241, 1-6.	2.1	8
42	Single Ion Conducting Blend Polymer Electrolytes Based on LiPAAOB and PPEGMA. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 1616-1623.	1.9	2
43	Single-ion conductivity enhancement for the composite polymer electrolytes based on Li(PVAOB)/PPEGMA for lithium-ion batteries. Ionics, 2018, 24, 1399-1405.	1.2	6
44	Synthesis of chitosan nanoparticles, chitosan-bulk, chitosan nanoparticles conjugated with glutaraldehyde with strong anti-cancer proliferative capabilities. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1152-1161.	1.9	26
45	A novel power efficient asynchronous time difference of arrival indoor localization system using CC1101 radio transceivers. Microwave and Optical Technology Letters, 2017, 59, 550-555.	0.9	9
46	Electrolyte loaded hexagonal boron nitride/polyacrylonitrile nanofibers for lithium ion battery application. Solid State Ionics, 2017, 309, 71-76.	1.3	38
47	Design and evaluation of phased array transducers for deep brain stimulation in nucleus accumbens region of the rat brain. , 2017, , .		1
48	Nano hexagonal boron nitrideâ€"Nafion composite membranes for proton exchange membrane fuel cells. Polymer Composites, 2016, 37, 422-428.	2.3	32
49	Synthesis and characterization of novel multifunctional polymer grafted hollow silica spheres. Journal of Materials Research, 2015, 30, 2408-2416.	1.2	7
50	Enhancing the Anhydrous Proton Conductivity of Sulfonated Polysulfone/Polyvinyl Phosphonic Acid Composite Membranes With Hexagonal Boron Nitride. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 683-689.	1.8	15
51	Preparation and characterization of hexagonal boron nitride and PAMPS-NMPA-based thin composite films and investigation of their membrane properties. Ionics, 2015, 21, 2871-2878.	1.2	13
52	Signal to noise ratio optimization for a CMUT based medical ultrasound imaging system. , 2015, , .		4
53	Enhancement of Anhydrous Proton Conductivity of Poly(vinylphosphonic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (acid) Physics, 2015, 216, 106-112.	1.1	18
54	Investigation of perfluorinated proton exchange membranes prepared via a facile strategy of chemically combining poly(vinylphosphonic acid) with PVDF by means of poly(glycidyl methacrylate) grafts. Journal of Polymer Research, 2015, 22, 1.	1.2	15

#	Article	IF	Citations
55	Investigation of nanocomposite membranes based on crosslinked poly(vinyl alcohol)â€“sulfosuccinic acid ester and hexagonal boron nitride. Journal of Polymer Research, 2015, 22, 1.	1.2	28
56	An investigation of proton conductivity of binary matrices sulfonated polysulfone/polyvinyltriazole after doping with inorganic acids. Bulletin of Materials Science, 2015, 38, 573-578.	0.8	4
57	Enhanced ionic conductivity in borate ester plasticized Polyacrylonitrile electrolytes for lithium battery application. Electrochimica Acta, 2015, 164, 108-113.	2.6	31
58	Novel composite polymer electrolyte membranes based on poly(vinyl phosphonic acid) and poly (5-(methacrylamido)tetrazole). Polymer Engineering and Science, 2015, 55, 260-269.	1.5	19
59	Nanocomposite polymer electrolytes comprising PVA-graft-PEGME/TiO₂ for Li-ion batteries. Journal of Materials Research, 2014, 29, 625-632.	1.2	16
60	An Investigation of Proton Conductivity of Vinyltriazole-Grafted PVDF Proton Exchange Membranes Prepared via Photoinduced Grafting. Journal of Chemistry, 2014, 2014, 1-11.	0.9	6
61	Nanocomposite membranes based on sulfonated polysulfone and sulfated nano-titania/NMPA for proton exchange membrane fuel cells. Solid State Ionics, 2014, 255, 89-95.	1.3	34
62	Synthesis and proton conductivity studies of methacrylate/methacrylamideâ€based azole functional novel polymer electrolytes. Journal of Applied Polymer Science, 2014, 131, .	1.3	6
63	Investigation of proton conductivity of anhydrous proton exchange membranes prepared via grafting vinyltriazole onto alkaline-treated PVDF. Journal of Polymer Science Part A, 2014, 52, 1885-1897.	2.5	22
64	Novel anhydrous proton conducting copolymers of 1-vinyl-1,2,4-triazole and diisopropyl-<i>p</i> -vinylbenzyl phosphonate. Polymers for Advanced Technologies, 2014, 25, 191-195.	1.6	6
65	Preparation of Thin Films from New Azolic Copolymers and Investigation of Their Membrane Properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 420-434.	1.2	16
66	Investigation of proton conductivity of inorganicâ€“organic hybrid membranes based on boronic acid and tetrazole. Journal of Polymer Research, 2014, 21, 1.	1.2	12
67	An investigation of proton conductivity of PVDF based 5-aminotetrazole functional polymer electrolyte membranes (PEMs) prepared via direct surface-initiated AGET ATRP of glycidyl methacrylate (GMA). Journal of Polymer Research, 2014, 21, 1.	1.2	15
68	Proton Conducting Copolymer Electrolytes Based on Vinyl Phosphonic Acid and 5â€(Methacrylamido)tetrazole. Macromolecular Chemistry and Physics, 2014, 215, 269-279.	1.1	18
69	Novel membranes based on poly(5â€(methacrylamido)tetrazole) and sulfonated polysulfone for proton exchange membrane fuel cells. Journal of Applied Polymer Science, 2014, 131, .	1.3	11
70	Protonâ€conducting blend membranes of crosslinked poly(vinyl alcohol)â€“sulfosuccinic acid ester and poly(1â€vinylâ€1,2,4â€triazole) for high temperature fuel cells. Polymer Engineering and Science, 2013, 53, 153-158.	1.5	14
71	Novel boron-containing triazole functional copolymers as anhydrous proton conductive membranes. Journal of Polymer Research, 2013, 20, 1.	1.2	5
72	Preparation of proton conducting membranes containing bifunctional titania nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	2

#	Article	IF	Citations
73	PEG crosslinked poly(vinylbenzene boronic acid) polymer electrolytes for Li-ion batteries. Current Applied Physics, 2013, 13, 1668-1673.	1.1	17
74	An investigation of proton conductivity of nanocomposite membranes based on sulfated nano-titania and polymer. Solid State Ionics, 2013, 239, 21-27.	1.3	7
75	5-(methacrylamido)tetrazole and vinyl triazole based copolymers as novel anhydrous proton conducting membranes. Journal of Polymer Research, 2013, 20, 1.	1.2	22
76	Synthesis and characterization of 1H-1,2,4-triazole functional polymer electrolyte membranes (PEMs) based on PVDF and 4-(chloromethyl)styrene via photoinduced grafting. Journal of Polymer Research, 2013, 20, 1.	1.2	8
77	Synthesis and proton conductivity of azole-substituted cyclic and polymeric phosphazenes. Polymer, 2013, 54, 2250-2256.	1.8	29
78	Synthesis and characterization of polymer electrolyte membranes based on PVDF and styrene via photoinduced grafting. Journal of Polymer Research, 2013, 20, 1.	1.2	33
79	Enhancing the Anhydrous Proton Conductivity of Boronic and Phosphonic Acid Functional Copolymers by Grafting With Flexible Spacers. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 846-854.	1.9	5
80	Proton-conducting blend membranes of Nafion/poly(vinylphosphonic acid) for proton exchange membrane fuel cells. Journal of Polymer Research, 2013, 20, 1.	1.2	23
81	Indoor positioning based on global positioning system signals. Microwave and Optical Technology Letters, 2013, 55, 1091-1097.	0.9	27
82	Synthesis of Poly(1-vinyl-1,2,4-triazole) and Preparation of Proton Conducting Membrane for High Temperature Operation. Advanced Materials Research, 2013, 789, 294-299.	0.3	2
83	Sulfonated poly(vinyl alcohol)/triazole blends as anhydrous proton conducting membranes for polymer electrolyte membrane fuel cells. Journal of Materials Research, 2013, 28, 1458-1465.	1.2	8
84	Novel Inorganic Protonâ€Conducting Graft Copolymers Based on 4â€Vinyl Benzene Boronic Acid and Vinyl Phosphonic Acid. Macromolecular Chemistry and Physics, 2013, 214, 486-491.	1.1	7
85	Preparation of proton conducting membranes containing bifunctional titania nanoparticles. , 2012, , 235-243.		1
86	Nanocomposite polymer electrolyte membranes based on poly(vinylphosphonic acid)/TiO₂ nanoparticles. Journal of Materials Research, 2012, 27, 3090-3095.	1.2	8
87	Alternatives toward proton conductive anhydrous membranes for fuel cells: Heterocyclic protogenic solvents comprising polymer electrolytes. Progress in Polymer Science, 2012, 37, 1265-1291.	11.8	155
88	Controlling phosphonic acid substitution degree on proton conducting polyphosphazenes. Polymer, 2012, 53, 3659-3668.	1.8	24
89	Nanocomposite polymer electrolyte membranes based on poly (vinylphosphonic acid)/sulfated nano-titania. Journal of Power Sources, 2012, 217, 158-163.	4.0	40
90	PAMAM type dendritic electrolytes for lithium ion battery applications. Solid State Ionics, 2012, 226, 1-6.	1.3	6

#	Article	IF	Citations
91	Novel proton conductive hybrid membranes based on sulfonated polysulfone and benzotriazole. Journal of Materials Research, 2012, 27, 2650-2656.	1.2	11
92	Nanocomposite polymer electrolytes membranes based on Poly(vinylphosphonic acid)/SiO2. Journal of Polymer Research, 2012, 19, 1.	1.2	18
93	Fabrication and characterization of anhydrous polymer electrolyte membranes based on sulfonated poly(vinyl alcohol) and benzimidazole. Polymer Science - Series A, 2012, 54, 231-239.	0.4	2
94	Synthesis, characterization, and ionic conductivity of novel crosslinked polymer electrolytes for Liâ€ion batteries. Journal of Applied Polymer Science, 2012, 124, 1193-1199.	1.3	12
95	Synthesis and proton conductivity studies of azole functional organic electrolytes. Ionics, 2012, 18, 101-107.	1.2	8
96	Azole substituted polyphosphazenes as nonhumidified proton conducting membranes. Journal of Materials Chemistry, 2011, 21, 1020-1027.	6.7	22
97	CMUT array element in deep-collapse mode. , 2011, , .		4
98	New type of anhydrous organic electrolyte based on carboxylic acid functional triazole as model system. Synthetic Metals, 2011, 161, 665-669.	2.1	8
99	Solâ€“gel synthesis of proton conductive tetrazole functional silane networks. Solid State Ionics, 2011, 199-200, 1-5.	1.3	7
100	Proton conducting composite membranes based on poly(1-vinyl-1,2,4-triazole) and nitrilotri (methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	11
101	Novel triazole functional solâ€“gel derived inorganicâ€“organic hybrid networks as anhydrous proton conducting membranes. Polymer, 2011, 52, 4670-4675.	1.8	11
102	Proton conducting properties of ionically cross-linked poly(1-vinyl-1,2,4 triazole) and poly(2-acrylamido-2-methyl-1-propanesulfonic acid) electrolytes. Polymer Bulletin, 2011, 66, 1099-1110.	1.7	12
103	The synthesis and characterization of anhydrous proton conducting membranes based on sulfonated poly(vinyl alcohol) and imidazole. Journal of Membrane Science, 2011, 375, 157-164.	4.1	54
104	Synthesis and proton conductivity studies of 5â€aminotetrazoleâ€doped sulfonated polymer electrolyte membranes. Polymer Composites, 2011, 32, 1625-1632.	2.3	9
105	Entrapment of urease in poly(1â€vinyl imidazole)/poly(2â€acrylamidoâ€2â€methylâ€1â€propanesulfonic acid) network. Journal of Applied Polymer Science, 2011, 119, 1931-1939.	1.3	6
106	Proton conducting polymer blends from poly(2,5â€benzimidazole) and poly(2â€acrylamidoâ€2â€methylâ€1â€propanesulfonic acid). Journal of Applied Polymer Science, 2011, 120, 1193-1198.	1.3	20
107	Proton conduction promoted by 1H-1,2,3-benzotriazole in non-humidified polymer membranes. Electrochimica Acta, 2011, 56, 5961-5965.	2.6	17
108	Inorganicâ€“organic polymer electrolytes based on poly(vinyl alcohol) and borane/poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	4.0	29

#	Article	IF	Citations
109	Design and implementation of capacitive micromachined ultrasonic transducers for high power. , 2011, , .		0
110	Immobilization of urease in poly(1-vinyl imidazole)/poly(acrylic acid) network. Chemical Papers, 2010, 64, 1-7.	1.0	16
111	Synthesis and proton conductivity studies of doped azole functional polymer electrolyte membranes. Electrochimica Acta, 2010, 55, 8498-8503.	2.6	31
112	Proton conductivity properties of acid doped fluoroalkylated 1,2,3-triazole. Journal of Fluorine Chemistry, 2010, 131, 776-779.	0.9	8
113	Blend membranes from poly(2,5-benzimidazole) and poly(styrene sulfonic acid) as proton-conducting polymer electrolytes for fuel cells. Journal of Materials Science, 2010, 45, 993-998.	1.7	23
114	Nafion/poly(1-vinyl-1,2,4-triazole) blends as proton conducting membranes for polymer electrolyte membrane fuel cells. Journal of Power Sources, 2010, 195, 7720-7726.	4.0	61
115	The synthesis and proton-conducting properties of the copolymers based on 1-vinyl-1,2,4-triazole and 2-acrylamido-2-methyl-1-propanesulfonic acid. Solid State Ionics, 2010, 181, 525-530.	1.3	10
116	Polymer electrolytes based on the doped comb-branched copolymers for Li-ion batteries. Solid State Ionics, 2010, 181, 987-993.	1.3	12
117	Dielectric and proton conductivity studies in organic electrolytes based on 2-perfluoroalkyl-ethyl-azides. Current Applied Physics, 2010, 10, 133-137.	1.1	4
118	Synthesis and proton conductivity studies of polystyreneâ€based triazole functional polymer membranes. Journal of Polymer Science Part A, 2010, 48, 4974-4980.	2.5	21
119	Polymer electrolyte membranes based on <i>p</i>â€toluenesulfonic acid doped poly(1â€vinylâ€1,2,4â€triazole): Synthesis, thermal and proton conductivity properties. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 1016-1021.	2.4	16
120	Immobilization of Invertase in a Novel Proton Conducting Poly(vinylphosphonic acid) â€“ poly(1-vinylimidazole) Network. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 639-646.	1.2	15
121	Bioinspired Blend Membranes Based on Adenine and Guanine Functional Poly(glycidyl methacrylate). Langmuir, 2010, 26, 13655-13661.	1.6	11
122	Optimizing CMUT geometry for high power. , 2010, , .		5
123	An equivalent circuit for collapse operation mode of CMUTs. , 2010, , .		0
124	Proton-conducting properties of the membranes based on poly(vinyl phosphonic acid) grafted poly(glycidyl methacrylate). Solid State Ionics, 2009, 180, 1240-1245.	1.3	35
125	Intrinsically proton-conducting poly(1-vinyl-1,2,4-triazole)/triflic acid blends. Electrochimica Acta, 2009, 54, 2957-2961.	2.6	50
126	Proton conductivity survey of the acid doped copolymers based on 4â€vinylbenzylboronic acid and 4(5)â€vinylimidazole. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 1267-1274.	2.4	11

#	Article	IF	Citations
127	Proton conducting membranes based on Poly(2,5-benzimidazole) (ABPBI)â€"Poly(vinylphosphonic acid) blends for fuel cells. International Journal of Hydrogen Energy, 2009, 34, 2724-2730.	3.8	75
128	Development and characterization of polymer electrolyte membranes based on ionical cross-linked poly(1-vinyl-1,2,4 triazole) and poly(vinylphosphonic acid). Journal of Power Sources, 2009, 191, 442-447.	4.0	63
129	The Synthesis of Complex Polymer Electrolytes Based on Alginic Acid and Poly(1-vinylimidazole) and Application in Tyrosinase Immobilization. Polymer Journal, 2009, 41, 46-50.	1.3	7
130	l-lysine coated iron oxide nanoparticles: Synthesis, structural and conductivity characterization. Journal of Alloys and Compounds, 2009, 484, 371-376.	2.8	129
131	Preparation, Properties, and Characterization of Polymer Electrolyte Membranes Based on Poly(1-vinyl-1,2,4 triazole) and Poly(styrene sulfonic acid). Journal of the Electrochemical Society, 2009, 156, B1112.	1.3	24
132	Synthesis and NMR studies of the polymer membranes based on poly(4-vinylbenzylboronic acid) and phosphoric acid. Polymer, 2008, 49, 3859-3864.	1.8	26
133	Synthesis and proton conductivity of poly(styrene sulfonic acid)/heterocycle-based membranes. Polymer International, 2008, 57, 133-138.	1.6	42
134	Protonâ€Conducting Properties of Acidâ€Doped Poly(glycidyl methacrylate)â€1,2,4â€Triazole Systems. Macromolecular Chemistry and Physics, 2008, 209, 593-603.	1.1	46
135	Preparation and proton conductivity of acid-doped 5-aminotetrazole functional poly(glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.6	78
136	Phosphoric acid-doped poly(1-vinyl-1,2,4-triazole) as water-free proton conducting polymer electrolytes. Solid State Ionics, 2008, 179, 683-688.	1.3	87
137	Anhydrous proton conducting membranes for PEM fuel cells based on Nafion/Azole composites. International Journal of Hydrogen Energy, 2008, 33, 2808-2815.	3.8	83
138	Preparation and Proton Conductivity of Polymer Electrolytes Based on Alginic Acid and 1,2,4-Triazole. Polymer Journal, 2008, 40, 104-108.	1.3	14
139	Preparation and the proton conductivity of chitosan/poly(vinyl phosphonic acid) complex polymer electrolytes. Journal of Non-Crystalline Solids, 2008, 354, 3637-3642.	1.5	70
140	Ultrasonic Phased Array Device for Acoustic Imaging in Air. IEEE Sensors Journal, 2008, 8, 1755-1762.	2.4	41
141	Anhydrous proton-conducting properties of triazoleâ€"phosphonic acid copolymers: a combined study with MAS NMR. Physical Chemistry Chemical Physics, 2008, 10, 6058.	1.3	81
142	Ultrasonic phased array device for real-time acoustic imaging in air. , 2008, , .		7
143	Synthesis and proton conductivity of anhydrous dendritic electrolytes. Open Chemistry, 2007, 5, 546-556.	1.0	5
144	Novel Conducting Polymer Electrolyte Biosensor Based on Poly(1-vinyl imidazole) and Poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	42

#	Article	IF	Citations
145	The effects of polyelectrolytes on the inhibition and aggregation of calcium oxalate crystallization. Polymers for Advanced Technologies, 2006, 17, 58-65.	1.6	26
146	Dielectric and dynamic mechanical relaxations in polymerâ€“heterocycle hybrid materials. Chemical Physics Letters, 2006, 422, 496-499.	1.2	9
147	As an Alternative Membrane: Functional NanoParticles/Polymer Composites Membranes for Proton Exchange Membrane Fuel Cells (PEMFC). Advanced Materials Research, 0, 716, 98-102.	0.3	0