Agnieszka J Pawlicka

List of Publications by Year
in descending order

183	4,121	94269 37	168136 53
papers	citations	h-index	g-index

190	190	190	2887
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface Relief Grating on Chitosan-N,N-dimethyl-4-(2-pyridylazo)aniline Thin Film. Polymers, 2022, 14, 791.	2.0	2
2	Study of the effect of LiClO4 concentration on the ionic transport of solid polymer electrolyte based on poly(vinyl alcohol)/gum Arabic. Ionics, 2022, 28, 2715-2729.	1.2	4
3	A Diffusional Study of Electrochromical Effect and Electrointercalation of Li+ Ions in WO3 Thin Films. Journal of Electronic Materials, 2021, 50, 1207-1220.	1.0	1
4	Nanocomposite Polymer Electrolytes of Sodium Alginate and Montmorillonite Clay. Molecules, 2021, 26, 2139.	1.7	3
5	Gellanâ€Gum and LiTFSIâ€Based Solid Polymer Electrolytes for Electrochromic Devices. ChemistrySelect, 2021, 6, 5110-5119.	0.7	8
6	Influence of weathering and temperature on the electrochemical and microscopical characteristics of CeO2 and CeO2:V2O5 sol-gel thin films. Materials Research Bulletin, 2021, 142, 111432.	2.7	3
7	Molybdenum doping effect on sol-gel Nb2O5:Li+ thin films: Investigation of structural, optical and electrochromic properties. Materials Science in Semiconductor Processing, 2021, 134, 105995.	1.9	11
8	The electrochromic device performance with DNA based electrolyte. Materials Chemistry and Physics, 2020, 241, 122349.	2.0	2
9	Study of the conductivity of solid polymeric electrolyte based on PVA/GA blend with addition of acetic acid. Journal of Solid State Electrochemistry, 2020, 24, 1867-1875.	1.2	29
10	Chitosan polymer electrolytes doped with a dysprosium ionic liquid. Journal of Polymer Research, 2020, 27, 1.	1.2	10
11	Synthesis and characterization of solid polymer electrolyte based on poly(vinyl alcohol)/gum Arabic/LiClO4. Ionics, 2020, 26, 2941-2948.	1.2	15
12	Structural, morphological, thermal and electrochemical characteristics of chitosan: praseodymium triflate based solid polymer electrolytes. International Journal of Green Energy, 2019, 16, 1602-1610.	2.1	4
13	Study of ionically conducting nanocomposites for reflective electrochromic devices. Electrochimica Acta, 2019, 301, 174-182.	2.6	12
14	Electrochemical properties of WO3 sol-gel thin films on indium tin oxide/poly(ethylene terephthalate) substrate. Thin Solid Films, 2019, 683, 8-15.	0.8	23
15	Dielectric behavior and FTIR studies of xanthan gum-based solid polymer electrolytes. Electrochimica Acta, 2019, 305, 232-239.	2.6	85
16	Impact of Zr precursor on the electrochemical properties of V2O5 sol-gel films. Journal of Electroanalytical Chemistry, 2019, 839, 67-74.	1.9	12
17	Torrefaction effects onPinus taedaL. pellets: gravimetric yield, equilibrium moisture content, and high heating value. Molecular Crystals and Liquid Crystals, 2019, 693, 7-17.	0.4	0
18	Fitted higher heating value from proximate analysis of torrefied pellets of Pinus taeda L.. Molecular Crystals and Liquid Crystals, 2019, 693, 18-29.	0.4	0

#	Article	IF	Citations
19	Reversible light-induced solubility of disperse red 1 dye in a hydroxypropyl cellulose matrix. Cellulose, 2018, 25, 2083-2090.	2.4	7
20	Samarium (III) triflate-doped chitosan electrolyte for solid state electrochromic devices. Electrochimica Acta, 2018, 267, 51-62.	2.6	24
21	Microbial origin xanthan gumâ€based solid polymer electrolytes. Journal of Applied Polymer Science, 2018, 135, 46229.	1.3	13
22	Green polymer electrolytes of chitosan doped with erbium triflate. Journal of Non-Crystalline Solids, 2018, 482, 183-191.	1.5	21
23	Electrochemical properties of thin films of V 2 O 5 doped with TiO 2. Journal of Physics and Chemistry of Solids, 2018, 119, 1-8.	1.9	11
24	Ecologically friendly xanthan gum-PVA matrix for solid polymeric electrolytes. Ionics, 2018, 24, 413-420.	1.2	22
25	Gellan gumâ€“O,Oâ€²â€bis(2â€aminopropyl)â€polyethylene glycol hydrogel for controlled fertilizer release. Journal of Applied Polymer Science, 2018, 135, 45636.	1.3	13
26	Binary Ce(III) and Li(I) triflate salt composition for solid polymer electrolytes. Ionics, 2018, 24, 2321-2334.	1.2	2
27	Electrochemical, UVâ€“Vis, and microscopical characteristics of solâ€“gel CeO2:V2O5 thin film. Journal of Materials Science: Materials in Electronics, 2018, 29, 16911-16920.	1.1	12
28	Chromophore doped DNA based solid polymer electrolyte for electrochromic devices. Arabian Journal of Chemistry, 2017, 10, 232-239.	2.3	10
29	Development of polyacrylonitrile-based polymer electrolytes incorporated with lithium bis(trifluoromethane)sulfonimide for application in electrochromic device. Electrochimica Acta, 2017, 229, 22-30.	2.6	43
30	Thin films of V2O5/MoO3 and their applications in electrochromism. Journal of Solid State Electrochemistry, 2017, 21, 1509-1515.	1.2	25
31	Structural, morphological, ionic conductivity, and thermal properties of pectin-based polymer electrolytes. Molecular Crystals and Liquid Crystals, 2017, 643, 266-273.	0.4	20
32	Effect of storage time on the ionic conductivity of chitosan-solid polymer electrolytes incorporating cyano-based ionic liquids. Electrochimica Acta, 2017, 232, 22-29.	2.6	42
33	Innovative electrolytes based on chitosan and thulium for solid state applications: Synthesis, structural, and thermal characterization. Journal of Electroanalytical Chemistry, 2017, 788, 156-164.	1.9	19
34	Influence of the Nb2O5 doping on the electrochemical properties of V2O5 thin films. Journal of Electroanalytical Chemistry, 2017, 790, 50-56.	1.9	25
35	A luminescent europium ionic liquid to improve the performance of chitosan polymer electrolytes. Electrochimica Acta, 2017, 240, 474-485.	2.6	11
36	Polymer electrolytes for electrochromic devices through solvent casting and sol-gel routes. Solar Energy Materials and Solar Cells, 2017, 169, 98-106.	3.0	28

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37	Playing with ionic liquids to uncover novel polymer electrolytes. Solid State Ionics, 2017, 300, 46-52.	1.3	15
38	New thin films of NiO doped with V 2 O 5 for electrochromic applications. Journal of Physics and Chemistry of Solids, 2017, 110, 30-35.	1.9	27
39	Solid polymer electrolytes based on chitosan and Dy(CF3SO3)3 for electrochromic devices. Solid State Ionics, 2017, 310, 112-120.	1.3	13
40	Influence of molybdenum trioxide thin film thickness on its electrochemical properties. Molecular Crystals and Liquid Crystals, 2017, 655, 40-50.	0.4	5
41	DNA-DODA-based polymer electrolytes for dye sensitized solar cells. Molecular Crystals and Liquid Crystals, 2017, 655, 131-141.	0.4	0
42	A study on properties of chitosan-PEO electrolyte containing europium salt. Molecular Crystals and Liquid Crystals, 2017, 655, 79-86.	0.4	1
43	Li⁺ions diffusion coefficient in V₂O₅:MoO₃Sol-Gel films. Molecular Crystals and Liquid Crystals, 2017, 655, 61-70.	0.4	8
44	Influence of Li+:V2O5 doping on Nb2O5 thin films electrochemical performance. Molecular Crystals and Liquid Crystals, 2017, 655, 71-78.	0.4	3
45	Erythrocytes and Relative Bioobjects Aligning in Modified Liquid Crystal Cells. Zhidkie Kristally I Ikh Prakticheskoe Ispol'zovanie, 2017, 17, 74-82.	0.0	0
46	Functional Smart Dispersed Liquid Crystals for Nano- and Biophotonic Applications: Nanoparticles-Assisted Optical Bioimaging. Journal of Nanomaterials, 2016, 2016, 1-9.	1.5	4
47	Luminescent polymer electrolytes based on chitosan and containing europium triflate. Journal of Rare Earths, 2016, 34, 661-666.	2.5	12
48	Smart Windows Prepared from Bombyx mori Silk. ChemElectroChem, 2016, 3, 1084-1097.	1.7	18
49	Influence of DNA and DNA-PEDOT: PSS on dye sensitized solar cell performance. Molecular Crystals and Liquid Crystals, 2016, 627, 38-48.	0.4	11
50	Carbon nanotubesâ€polymer nanocomposites for controlled heating materials. Journal of Applied Polymer Science, 2016, 133, .	1.3	0
51	Influence of cerium triflate and glycerol on electrochemical performance of chitosan electrolytes for electrochromic devices. Electrochimica Acta, 2016, 217, 108-116.	2.6	29
52	Ion conducting and paramagnetic d-PCL(530)/siloxane-based biohybrids doped with Mn2+ ions. Electrochimica Acta, 2016, 211, 804-813.	2.6	5
53	Prussian blue for electrochromic devices. Journal of Electroanalytical Chemistry, 2016, 777, 33-39.	1.9	55
54	3D printing of natural organic materials by photochemistry. Proceedings of SPIE, 2016, , .	0.8	1

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55	Solid polymer electrolytes based on chitosan and europium triflate. Journal of Non-Crystalline Solids, 2016, 432, 307-312.	1.5	40
56	Eco-Friendly Luminescent Hybrid Materials Based on EuIIIand LiICo-Doped Chitosan. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
57	Ionic, paramagnetic and photophysical properties of a new biohybrid material incorporating copper perchlorate. Electrochimica Acta, 2015, 173, 76-81.	2.6	4
58	Hydroxypropyl cellulose-based gel electrolyte for electrochromic devices. Electrochimica Acta, 2015, 159, 227-233.	2.6	52
59	Spectroscopic and microscopic study of Prussian blue film for electrochromic device application. Electrochimica Acta, 2015, 175, 176-183.	2.6	13
60	DNA-based membranes for potential applications. Ionics, 2015, 21, 1381-1390.	1.2	14
61	Polymer electrolyte based on DNA and N,N,N-trimethyl-N-(2-hydroxyethyl)ammonium bis(trifluoromethylsulfonyl)imide. Journal of Electroanalytical Chemistry, 2015, 748, 70-75.	1.9	11
62	Gellan gumâ€"Ionic liquid membranes for electrochromic device application. Solid State Ionics, 2015, 274, 64-70.	1.3	26
63	Thermalâ€"mechanical behaviour of chitosanâ€"cellulose derivative thermoreversible hydrogel films. Cellulose, 2015, 22, 1911-1929.	2.4	49
64	Synthesis and characterization of gellan gum: chitosan biohydrogels for soil humidity control and fertilizer release. Cellulose, 2015, 22, 2045-2054.	2.4	50
65	Bio-inspired materials for electrochemical devices. , 2015, , .		1
66	Effect of the alkyl chain length of the ionic liquid anion on polymer electrolytes properties. Electrochimica Acta, 2015, 184, 171-178.	2.6	16
67	Electrochromic device with Prussian blue and HPC-based electrolyte. Electrochimica Acta, 2015, 182, 878-883.	2.6	19
68	Alginate-Jeffamine Covalently Crosslinked Hydrogel. Molecular Crystals and Liquid Crystals, 2014, 603, 240-247.	0.4	6
69	Impedance Analysis of Gellan Gum - Poly(vinyl pyrrolidone) Membranes. Molecular Crystals and Liquid Crystals, 2014, 604, 84-95.	0.4	9
70	Pectin-based Polymer Electrolytes with Ir(III) Complexes. Molecular Crystals and Liquid Crystals, 2014, 604, 117-125.	0.4	16
71	Electrochromic Windows with PVB Electrolytes. Molecular Crystals and Liquid Crystals, 2014, 604, 107-116.	0.4	8
72	Thermo-sensitive chitosanâ€"cellulose derivative hydrogels: swelling behaviour and morphologic studies. Cellulose, 2014, 21, 4531-4544.	2.4	34

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73	Latest advances in biomaterials: from deoxyribonucleic acid to nucleobases. , 2014, , .		5
74	Influence of the NiO nanoparticles on the ionic conductivity of the agar-based electrolyte. Polimeros, 2014, 24, 8-12.	0.2	10
75	Properties of Electrodeposited WO₃Thin Films. Molecular Crystals and Liquid Crystals, 2014, 604, 71-83.	0.4	22
76	Bacterial cellulose/triethanolamine based ion-conducting membranes. Cellulose, 2014, 21, 1975.	2.4	10
77	Chitosan and Ionic Liquid Based Solid Polymer Electrolytes: The Anion Alkyl Chain Length Effect. ECS Transactions, 2014, 61, 51-59.	0.3	6
78	WO₃ Nanorods Created by Self-Assembly of Highly Crystalline Nanowires under Hydrothermal Conditions. Langmuir, 2014, 30, 10487-10492.	1.6	56
79	Preparation, thermal characterization, and DFT study of the bacterial cellulose. Journal of Thermal Analysis and Calorimetry, 2014, 118, 205-215.	2.0	15
80	Proton mobility and copper coordination in polysaccharide- and gelatin-based bioblends and polyblends. Cellulose, 2014, 21, 2247-2259.	2.4	6
81	Ionic liquids for solid-state electrolytes and electrosynthesis. Journal of Electroanalytical Chemistry, 2014, 714-715, 63-69.	1.9	20
82	Ionically conducting Er3+-doped DNA-based biomembranes for electrochromic devices. Electrochimica Acta, 2014, 120, 327-333.	2.6	19
83	Luminescent DNA- and Agar-Based Membranes. Journal of Nanoscience and Nanotechnology, 2014, 14, 6685-6691.	0.9	10
84	Gelatin-HCl biomembranes with ionic-conducting properties. Ionics, 2013, 19, 1723-1731.	1.2	10
85	Study and Characterization of a Novel Polymer Electrolyte Based on Agar Doped with Magnesium Triflate. Molecular Crystals and Liquid Crystals, 2013, 570, 1-11.	0.4	31
86	Magnetic resonance study of chitosan bio-membranes with proton conductivity properties. Journal of Membrane Science, 2013, 429, 190-196.	4.1	31
87	A green-yellow reflective electrochromic device. Electrochimica Acta, 2013, 111, 299-304.	2.6	48
88	Electro-optical properties of the DNA-Eu3+ bio-membranes. Journal of Electroanalytical Chemistry, 2013, 708, 116-123.	1.9	15
89	Gelatin_nZn(CF₃SO₃)₂ Polymer Electrolytes for Electrochromic Devices. Electroanalysis, 2013, 25, 1483-1490.	1.5	22
90	Electrochemical Applications of Electrolytes based on Ionic Liquids. ECS Transactions, 2013, 45, 235-244.	0.3	5

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91	DNA- and DNA-CTMA: novel bio-nanomaterials for application in photonics and in electronics. Proceedings of SPIE, 2013, , .	0.8	5
92	Digital colour management system for colour parameters reconstruction. Proceedings of SPIE, 2013, , .	0.8	1
93	Investigation of polymer electrolyte based on agar and ionic liquids. EXPRESS Polymer Letters, 2012, 6, 1007-1016.	1.1	77
94	Sodium Alginate-Based Ionic Conducting Membranes. Molecular Crystals and Liquid Crystals, 2012, 554, 221-231.	0.4	32
95	Gellan Gum-LiI Gel Polymer Electrolytes. Molecular Crystals and Liquid Crystals, 2012, 554, 232-238.	0.4	42
96	Ion-Conducting Membranes Based on Gelatin and Containing LiI/I₂for Electrochromic Devices. Molecular Crystals and Liquid Crystals, 2012, 554, 239-251.	0.4	36
97	Characterization of flexible DNA films. Electrochemistry Communications, 2012, 22, 189-192.	2.3	15
98	DNA â€“ novel nanomaterial for applications in photonics and in electronics. Comptes Rendus Physique, 2012, 13, 853-864.	0.3	47
99	Characteristics of gellan gumâ€“LiCF3SO3 polymer electrolytes. Solid State Ionics, 2012, 225, 649-653.	1.3	71
100	Novel polymer electrolytes based on gelatin and ionic liquids. Optical Materials, 2012, 35, 187-195.	1.7	51
101	Agar-Based Gel Electrolyte for Electrochromic Device Application. Molecular Crystals and Liquid Crystals, 2012, 554, 264-272.	0.4	38
102	Natural Membranes for Application in Biomedical Devices. Molecular Crystals and Liquid Crystals, 2012, 562, 147-155.	0.4	3
103	Enhancement of Electrical Conductivity in Plasticized Chitosan Based Membranes. Molecular Crystals and Liquid Crystals, 2012, 554, 150-159.	0.4	26
104	Photoluminescent polymer electrolyte based on agar and containing europium picrate for electrochemical devices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 488-493.	1.7	25
105	Ionically conducting DNA-based membranes for eletrochromic devices. Synthetic Metals, 2011, 161, 2329-2334.	2.1	47
106	Magnetic resonance and conductivity study of a gelatin-based polymer gel electrolyte. Electrochimica Acta, 2011, 57, 187-191.	2.6	18
107	DNA-based ionic conducting membranes. Journal of Applied Physics, 2011, 110, 033704.	1.1	15
108	Functional novel polymer electrolytes containing europium picrate. Materials Research Innovations, 2011, 15, s3-s7.	1.0	9

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109	Amylopectin-rich starch plasticized with glycerol for polymer electrolyte application. Solid State Ionics, 2010, 181, 586-591.	1.3	71
110	Gelatin-based protonic electrolyte for electrochromic windows. Ionics, 2010, 16, 13-19.	1.2	55
111	Magnetic resonance and conductivity study of gelatin-based proton conductor polymer electrolytes. Electrochimica Acta, 2010, 55, 1396-1400.	2.6	30
112	Optimization of performances of gelatin/LiBF4-based polymer electrolytes by plasticizing effects. Electrochimica Acta, 2010, 55, 1489-1494.	2.6	48
113	Agar-based films for application as polymer electrolytes. Electrochimica Acta, 2010, 55, 1455-1459.	2.6	150
114	Polymer electrolytes based on natural polymers. , 2010, , 95-128.		18
115	Thermodynamics and Lithium Intercalation in CeO₂-TiO₂ Thin Film. Molecular Crystals and Liquid Crystals, 2010, 521, 112-119.	0.4	1
116	Development of Electrochromic Devices. Recent Patents on Nanotechnology, 2009, 3, 177-181.	0.7	31
117	Gelatin- and DNA-based ionic conducting membranes for electrochromic devices. Proceedings of SPIE, 2009, , .	0.8	10
118	Plasticized pectin-based gel electrolytes. Electrochimica Acta, 2009, 54, 6479-6483.	2.6	116
119	Ion-conducting membranes based on gelatin and DNA. SPIE Newsroom, 2009, , .	0.1	0
120	All solid-state electrochromic devices with gelatin-based electrolyte. Solar Energy Materials and Solar Cells, 2008, 92, 228-233.	3.0	86
121	Ionic Conductivity Thermogravimetry Measurements of Starch-Based Polymeric Electrolytes. Molecular Crystals and Liquid Crystals, 2008, 485, 804-816.	0.4	57
122	Influence of Plasticizer Type on the Properties of Polymer Electrolytes Based on Chitosan. Journal of Physical Chemistry A, 2008, 112, 8888-8895.	1.1	110
123	A.C Impedance, X-ray Diffraction and DSC Investigation on Gelatin Based-Electrolyte with LiClO₄. Molecular Crystals and Liquid Crystals, 2008, 485, 843-852.	0.4	20
124	Lithium Diffusion into Nb2O5and Nb2O5:Li+Thin Films Prepared by Sol Gel Method. Molecular Crystals and Liquid Crystals, 2008, 483, 283-293.	0.4	2
125	NMR and Conductivity Study of Gelatin-Based Polymer Electrolytes. Molecular Crystals and Liquid Crystals, 2008, 483, 120-129.	0.4	15
126	Conductivity and Thermal Analysis Studies of Solid Polymeric Electrolytes Based on Plasticized Hydroxyethyl Cellulose. E-Polymers, 2007, 7, .	1.3	5

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127	Conductivity study of a gelatin-based polymer electrolyte. Electrochimica Acta, 2007, 53, 1404-1408.	2.6	168
128	Nuclear magnetic resonance study of PEOâ€“chitosan based polymer electrolytes. Electrochimica Acta, 2007, 53, 1455-1460.	2.6	21
129	NMR study of starch based polymer gel electrolytes: Humidity effects. Electrochimica Acta, 2007, 53, 1461-1465.	2.6	25
130	Solid-state electrochromic devices with Nb2O5:Mo thin film and gelatin-based electrolyte. Electrochimica Acta, 2007, 53, 1648-1654.	2.6	63
131	Solid Polymeric Electrolytes Based on Poly(vinylpyrrolidone-co-methacrylic acid) Blends. Molecular Crystals and Liquid Crystals, 2006, 447, 115/[433]-122/[440].	0.4	0
132	NMR and Conductivity Study of Starch BasedPolymer Gel Electrolytes. Molecular Crystals and Liquid Crystals, 2006, 447, 55/[373]-64/[382].	0.4	4
133	Optical and Electrochemical Properties of SnO2:Sb Thin Films Prepared by the Sol-Gel Process. Molecular Crystals and Liquid Crystals, 2006, 447, 243/[561]-250/[568].	0.4	4
134	Brown coloring electrochromic devices based on NiOâ€“TiO2 layers. Solar Energy Materials and Solar Cells, 2006, 90, 3583-3601.	3.0	25
135	Optoelectrochemical Characterization of Electrochromic Devices with Starch Based Solid Electrolytes. Molecular Crystals and Liquid Crystals, 2006, 447, 45/[363]-53/[371].	0.4	13
136	Influence of plasticizer contents on the properties of HEC-based solid polymeric electrolytes. Electrochimica Acta, 2005, 50, 3827-3831.	2.6	56
137	Nuclear magnetic resonance and conductivity study of hydroxyethylcellulose based polymer gel electrolytes. Electrochimica Acta, 2005, 50, 3978-3984.	2.6	30
138	The CeO2â€“TiO2â€“ZrO2 solâ€“gel film: a counter-electrode for electrochromic devices. Thin Solid Films, 2005, 471, 100-104.	0.8	33
139	Lithium Intercalation in CeO2-TiO2 Thin Film. Molecular Crystals and Liquid Crystals, 2004, 415, 221-227.	0.4	4
140	Electrochromic Devices with Solid Electrolytes based on Natural Polymers. Molecular Crystals and Liquid Crystals, 2004, 416, 105-112.	0.4	37
141	Nuclear magnetic resonance and conductivity study of starch based polymer electrolytes. Electrochimica Acta, 2003, 48, 2021-2027.	2.6	66
142	‹title›Solid polymeric electrolytes obtained from modified natural polymers‹/title›. , 2003, , .		5
143	Physics and applications of electrochromic devices. , 2003, 4986, 117.		3
144	Kinetic behavior of WO 3 -doped Nb 2 O 5 electrochromic thin films. , 2003, 4986, 666.		1

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145	Carboxymethylcellulose derivatives with low hydrophilic properties. Polimery, 2003, 48, 273-279.	0.4	15
146	Starch Based Solid Polymeric Electrolytes. Molecular Crystals and Liquid Crystals, 2002, 374, 561-568.	0.4	37
147	Sol-Gel Coatings of Nb 2 O 5 and Nb 2 0 5 :Li + :Electrochemical and Structural Characterization. Molecular Crystals and Liquid Crystals, 2002, 374, 101-106.	0.4	7
148	Electrochromic Properties of Sol-gel Coating of Nb2O5 and Nb2O5:Li+. Materials Research, 2002, 5, 43-46.	0.6	5
149	Electrochromic Devices with Starch Based Solid Polymeric Electrolytes. , 2002, , 255-258.		6
150	Cellulose derivatives as solid electrolyte matrixes. Macromolecular Symposia, 2001, 175, 45-54.	0.4	29
151	Preparation and characterization of starch grafted with toluene poly (propylene oxide) diisocyanate. Materials Research, 2001, 4, 77-81.	0.6	52
152	Nuclear magnetic resonance and conductivity study of HEC/polyether-based polymer electrolytes. Electrochimica Acta, 2001, 46, 1665-1672.	2.6	38
153	Alternative Nb2O5-TiO2 thin films for electrochromic devices. Journal of Materials Science, 2001, 36, 1407-1410.	1.7	33
154	Cellulose derivatives as solid electrolyte matrixes. , 2001, 175, 45.		1
155	<title>Preparation and characterization of lithium-doped and undoped CeO<formula><inf><roman>2</roman></inf></formula>-TiO<formula><inf><roman>2</roman></inf></formula>-ZrO<formula><inf films</title>. , 2000, 3943, 306.		
156	DSC and solid state NMR characterization of hydroxyethylcellulose/polyether films. Polymer International, 2000, 49, 960-964.	1.6	26
157	Characterization of an all Sol-Gel Electrochromic Device WO3/Ormolyte/CeO2-TiO2. Journal of Sol-Gel Science and Technology, 2000, 19, 447-451.	1.1	19
158	Polymer Electrolytes Derived from Hydroxiethylcellulose/Polyether Films. Molecular Crystals and Liquid Crystals, 2000, 353, 181-189.	0.3	3
159	Thin Film Sol-Gel of CeO₂-ZrO₂: The Candidate for Counter Electrode in Electrochromic Devices. Molecular Crystals and Liquid Crystals, 2000, 354, 463-473.	0.3	10
160	QuÃmicos brasileiros esquecidos Adelino Leal: um professor que ensinava no laboratÃ³rio. Quimica Nova, 2000, 23, 571-574.	0.3	0
161	Hidroxietil celulose enxertada com poliÃ©teres. Polimeros, 1999, 9, 45-50.	0.2	4
162	Crystallization observed from the spin behavior in poly(3-methylthiophene). Synthetic Metals, 1999, 101, 355.	2.1	2

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163	Title is missing!. Journal of Materials Science Letters, 1998, 17, 511-513.	0.5	1
164	Two methods of obtaining solâ€“gel Nb2O5 thin films for electrochromic devices. Journal of Materials Science, 1998, 33, 2181-2185.	1.7	49
165	Preparation of transparent CeO2â€“TiO2 coatings for electrochromic devices. Thin Solid Films, 1998, 335, 245-248.	0.8	61
166	Electrochromic properties of Nb2O5 solâ€“gel coatings. Solar Energy Materials and Solar Cells, 1998, 54, 9-17.	3.0	47
167	Kinetics of crystallization in conducting polymers observed from electron spin resonance. Journal of Chemical Physics, 1998, 109, 8729-8730.	1.2	5
168	CaracterizaÃ§Ã£o de filmes finos de Nb2O5 com propriedades eletrocrÃ´micas. Quimica Nova, 1998, 21, 365-367.	0.3	5
169	Metalâ€“insulator transitions in pressed pellets of BF^{â^’}₄doped poly(3-methylthiophene). Phase Transitions, 1997, 62, 157-165.	0.6	2
170	Electrochromism in materials prepared by the sol-gel process. Journal of Sol-Gel Science and Technology, 1997, 8, 689-696.	1.1	43
171	Synthesis of multicolor Nb2O5 coatings for electrochromic devices. Thin Solid Films, 1997, 301, 236-241.	0.8	79
172	Two-phase separation observed in thermally treated pellets of ClO4â^’ doped poly(3-methylthiophene) from electron spin resonance measurements. Solid State Communications, 1996, 98, 267-271.	0.9	0
173	Zirconium phosphate protonic conductor obtained by sonocatalytic sol-gel method. Journal of Materials Science Letters, 1995, 14, 1486-1489.	0.5	4
174	Synthesis of Nb2O5 thin films for electrochromic devices. Journal of Materials Science Letters, 1995, 14, 1568-1570.	0.5	20
175	Thermal-history-dependent transition in pressed pellets ofClO4â^’-doped poly(3-methylthiophene). Physical Review B, 1994, 50, 3648-3651.	1.1	12
176	Gigahertz Conductivity of Pressed Pellets of ClOâ^’4â€“Doped Poly(3-methylthiophene) Obtained from Electron Spin Resonance Measurements. Journal of Magnetic Resonance Series A, 1994, 108, 62-64.	1.6	8
177	Non ohmic gigahertz conductivity in pressed pellets of doped poly(3-methylthiophene). Solid State Communications, 1994, 91, 953-956.	0.9	5
178	Effect of polymer molecular weight on Langmuir monolayers and the deposition of Langmuir-Blodgett films of poly(3-butylthiophene) and stearic acid. Thin Solid Films, 1994, 244, 723-727.	0.8	13
179	Photopyroelectric spectroscopy of poly(3-butylthiophene) films. Synthetic Metals, 1993, 55, 269-274.	2.1	1
180	Determination of thermal parameters and the optical gap of poly(3â€butylthiophene) films by photopyroelectric spectroscopy. Journal of Applied Physics, 1993, 74, 979-982.	1.1	12

#	Article	IF	Citations
181	Synthesis and electrical conductivity study of poly(3-alkyl-thiopenes). Synthetic Metals, 1991, 41, 494.	2.1	0
182	Poly(3-n-Butylthiophene) tetrachloroferrate: Preparation, spectroscopic and morphological studies. Synthetic Metals, 1989, 30, 335-339.	2.1	26
183	Langmuir-Blodgett films from conjugated polymers. , 0, , .		0