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	Conductivity study of a gelatin-based polymer electrolyte. Electrochimica Acta, 2007, 53, 1404-1408.	2.6	168
2	Agar-based films for application as polymer electrolytes. Electrochimica Acta, 2010, 55, 1455-1459.	2.6	150
3	Plasticized pectin-based gel electrolytes. Electrochimica Acta, 2009, 54, 6479-6483.	2.6	116
4	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
5	All solid-state electrochromic devices with gelatin-based electrolyte. Solar Energy Materials and Solar Cells, 2008, 92, 228-233.	3.0	86
6	Dielectric behavior and FTIR studies of xanthan gum-based solid polymer electrolytes. Electrochimica Acta, 2019, 305, 232-239.	2.6	85
7	Synthesis of multicolor Nb2O5 coatings for electrochromic devices. Thin Solid Films, 1997, 301, 236-241.	0.8	79
8	Investigation of polymer electrolyte based on agar and ionic liquids. EXPRESS Polymer Letters, 2012, 6, 1007-1016.	1.1	77
9	Amylopectin-rich starch plasticized with glycerol for polymer electrolyte application. Solid State Ionics, 2010, 181, 586-591.	1.3	71
10	Characteristics of gellan gumâ€“LiCF3SO3 polymer electrolytes. Solid State Ionics, 2012, 225, 649-653.	1.3	71
11	Nuclear magnetic resonance and conductivity study of starch based polymer electrolytes. Electrochimica Acta, 2003, 48, 2021-2027.	2.6	66
12	Solid-state electrochromic devices with Nb2O5:Mo thin film and gelatin-based electrolyte. Electrochimica Acta, 2007, 53, 1648-1654.	2.6	63
13	Preparation of transparent CeO2â€“TiO2 coatings for electrochromic devices. Thin Solid Films, 1998, 335, 245-248.	0.8	61
14	Ionic Conductivity Thermogravimetry Measurements of Starch-Based Polymeric Electrolytes. Molecular Crystals and Liquid Crystals, 2008, 485, 804-816.	0.4	57
15	Influence of plasticizer contents on the properties of HEC-based solid polymeric electrolytes. Electrochimica Acta, 2005, 50, 3827-3831.	2.6	56
16	WO₃ Nanorods Created by Self-Assembly of Highly Crystalline Nanowires under Hydrothermal Conditions. Langmuir, 2014, 30, 10487-10492.	1.6	56
17	Gelatin-based protonic electrolyte for electrochromic windows. Ionics, 2010, 16, 13-19.	1.2	55
18	Prussian blue for electrochromic devices. Journal of Electroanalytical Chemistry, 2016, 777, 33-39.	1.9	55

#	Article	IF	Citations
19	Preparation and characterization of starch grafted with toluene poly (propylene oxide) diisocyanate. Materials Research, 2001, 4, 77-81.	0.6	52
20	Hydroxypropyl cellulose-based gel electrolyte for electrochromic devices. Electrochimica Acta, 2015, 159, 227-233.	2.6	52
21	Novel polymer electrolytes based on gelatin and ionic liquids. Optical Materials, 2012, 35, 187-195.	1.7	51
22	Synthesis and characterization of gellan gum: chitosan biohydrogels for soil humidity control and fertilizer release. Cellulose, 2015, 22, 2045-2054.	2.4	50
23	Two methods of obtaining solâ€“gel Nb2O5 thin films for electrochromic devices. Journal of Materials Science, 1998, 33, 2181-2185.	1.7	49
24	Thermalâ€“mechanical behaviour of chitosanâ€“cellulose derivative thermoreversible hydrogel films. Cellulose, 2015, 22, 1911-1929.	2.4	49
25	Optimization of performances of gelatin/LiBF4-based polymer electrolytes by plasticizing effects. Electrochimica Acta, 2010, 55, 1489-1494.	2.6	48
26	A green-yellow reflective electrochromic device. Electrochimica Acta, 2013, 111, 299-304.	2.6	48
27	Electrochromic properties of Nb2O5 solâ€“gel coatings. Solar Energy Materials and Solar Cells, 1998, 54, 9-17.	3.0	47
28	Ionically conducting DNA-based membranes for eletrochromic devices. Synthetic Metals, 2011, 161, 2329-2334.	2.1	47
29	DNA â€“ novel nanomaterial for applications in photonics and in electronics. Comptes Rendus Physique, 2012, 13, 853-864.	0.3	47
30	Electrochromism in materials prepared by the sol-gel process. Journal of Sol-Gel Science and Technology, 1997, 8, 689-696.	1.1	43
31	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
32	Gellan Gum-LiI Gel Polymer Electrolytes. Molecular Crystals and Liquid Crystals, 2012, 554, 232-238.	0.4	42
33	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
34	Solid polymer electrolytes based on chitosan and europium triflate. Journal of Non-Crystalline Solids, 2016, 432, 307-312.	1.5	40
35	Nuclear magnetic resonance and conductivity study of HEC/polyether-based polymer electrolytes. Electrochimica Acta, 2001, 46, 1665-1672.	2.6	38
36	Agar-Based Gel Electrolyte for Electrochromic Device Application. Molecular Crystals and Liquid Crystals, 2012, 554, 264-272.	0.4	38

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37	Starch Based Solid Polymeric Electrolytes. Molecular Crystals and Liquid Crystals, 2002, 374, 561-568.	0.4	37
38	Electrochromic Devices with Solid Electrolytes based on Natural Polymers. Molecular Crystals and Liquid Crystals, 2004, 416, 105-112.	0.4	37
39	Ion-Conducting Membranes Based on Gelatin and Containing LiI/I₂for Electrochromic Devices. Molecular Crystals and Liquid Crystals, 2012, 554, 239-251.	0.4	36
40	Thermo-sensitive chitosanâ€“cellulose derivative hydrogels: swelling behaviour and morphologic studies. Cellulose, 2014, 21, 4531-4544.	2.4	34
41	Alternative Nb2O5-TiO2 thin films for electrochromic devices. Journal of Materials Science, 2001, 36, 1407-1410.	1.7	33
42	The CeO2â€“TiO2â€“ZrO2 solâ€“gel film: a counter-electrode for electrochromic devices. Thin Solid Films, 2005, 471, 100-104.	0.8	33
43	Sodium Alginate-Based Ionic Conducting Membranes. Molecular Crystals and Liquid Crystals, 2012, 554, 221-231.	0.4	32
44	Development of Electrochromic Devices. Recent Patents on Nanotechnology, 2009, 3, 177-181.	0.7	31
45	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
46	Magnetic resonance study of chitosan bio-membranes with proton conductivity properties. Journal of Membrane Science, 2013, 429, 190-196.	4.1	31
47	Nuclear magnetic resonance and conductivity study of hydroxyethylcellulose based polymer gel electrolytes. Electrochimica Acta, 2005, 50, 3978-3984.	2.6	30
48	Magnetic resonance and conductivity study of gelatin-based proton conductor polymer electrolytes. Electrochimica Acta, 2010, 55, 1396-1400.	2.6	30
49	Cellulose derivatives as solid electrolyte matrixes. Macromolecular Symposia, 2001, 175, 45-54.	0.4	29
50	Influence of cerium triflate and glycerol on electrochemical performance of chitosan electrolytes for electrochromic devices. Electrochimica Acta, 2016, 217, 108-116.	2.6	29
51	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
52	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
53	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
54	Poly(3-n-Butylthiophene) tetrachloroferrate: Preparation, spectroscopic and morphological studies. Synthetic Metals, 1989, 30, 335-339.	2.1	26

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55	DSC and solid state NMR characterization of hydroxyethylcellulose/polyether films. Polymer International, 2000, 49, 960-964.	1.6	26
56	Enhancement of Electrical Conductivity in Plasticized Chitosan Based Membranes. Molecular Crystals and Liquid Crystals, 2012, 554, 150-159.	0.4	26
57	Gellan gumâ€"Ionic liquid membranes for electrochromic device application. Solid State Ionics, 2015, 274, 64-70.	1.3	26
58	Brown coloring electrochromic devices based on NiOâ€"TiO2 layers. Solar Energy Materials and Solar Cells, 2006, 90, 3583-3601.	3.0	25
59	NMR study of starch based polymer gel electrolytes: Humidity effects. Electrochimica Acta, 2007, 53, 1461-1465.	2.6	25
60	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
61	Thin films of V2O5/MoO3 and their applications in electrochromism. Journal of Solid State Electrochemistry, 2017, 21, 1509-1515.	1.2	25
62	Influence of the Nb2O5 doping on the electrochemical properties of V2O5 thin films. Journal of Electroanalytical Chemistry, 2017, 790, 50-56.	1.9	25
63	Samarium (III) triflate-doped chitosan electrolyte for solid state electrochromic devices. Electrochimica Acta, 2018, 267, 51-62.	2.6	24
64	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
65	Gelatin_nZn(CF₃SO₃)₂ Polymer Electrolytes for Electrochromic Devices. Electroanalysis, 2013, 25, 1483-1490.	1.5	22
66	Properties of Electrodeposited WO₃Thin Films. Molecular Crystals and Liquid Crystals, 2014, 604, 71-83.	0.4	22
67	Ecologically friendly xanthan gum-PVA matrix for solid polymeric electrolytes. Ionics, 2018, 24, 413-420.	1.2	22
68	Nuclear magnetic resonance study of PEOâ€"chitosan based polymer electrolytes. Electrochimica Acta, 2007, 53, 1455-1460.	2.6	21
69	Green polymer electrolytes of chitosan doped with erbium triflate. Journal of Non-Crystalline Solids, 2018, 482, 183-191.	1.5	21
70	Synthesis of Nb2O5 thin films for electrochromic devices. Journal of Materials Science Letters, 1995, 14, 1568-1570.	0.5	20
71	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
72	Ionic liquids for solid-state electrolytes and electrosynthesis. Journal of Electroanalytical Chemistry, 2014, 714-715, 63-69.	1.9	20

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73	Structural, morphological, ionic conductivity, and thermal properties of pectin-based polymer electrolytes. Molecular Crystals and Liquid Crystals, 2017, 643, 266-273.	0.4	20
74	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
75	Ionically conducting Er3+-doped DNA-based biomembranes for electrochromic devices. Electrochimica Acta, 2014, 120, 327-333.	2.6	19
76	Electrochromic device with Prussian blue and HPC-based electrolyte. Electrochimica Acta, 2015, 182, 878-883.	2.6	19
77	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
78	Polymer electrolytes based on natural polymers. , 2010, , 95-128.		18
79	Magnetic resonance and conductivity study of a gelatin-based polymer gel electrolyte. Electrochimica Acta, 2011, 57, 187-191.	2.6	18
80	Smart Windows Prepared from Bombyx mori Silk. ChemElectroChem, 2016, 3, 1084-1097.	1.7	18
81	Pectin-based Polymer Electrolytes with Ir(III) Complexes. Molecular Crystals and Liquid Crystals, 2014, 604, 117-125.	0.4	16
82	Effect of the alkyl chain length of the ionic liquid anion on polymer electrolytes properties. Electrochimica Acta, 2015, 184, 171-178.	2.6	16
83	NMR and Conductivity Study of Gelatin-Based Polymer Electrolytes. Molecular Crystals and Liquid Crystals, 2008, 483, 120-129.	0.4	15
84	DNA-based ionic conducting membranes. Journal of Applied Physics, 2011, 110, 033704.	1.1	15
85	Characterization of flexible DNA films. Electrochemistry Communications, 2012, 22, 189-192.	2.3	15
86	Electro-optical properties of the DNA-Eu3+ bio-membranes. Journal of Electroanalytical Chemistry, 2013, 708, 116-123.	1.9	15
87	Preparation, thermal characterization, and DFT study of the bacterial cellulose. Journal of Thermal Analysis and Calorimetry, 2014, 118, 205-215.	2.0	15
88	Playing with ionic liquids to uncover novel polymer electrolytes. Solid State Ionics, 2017, 300, 46-52.	1.3	15
89	Synthesis and characterization of solid polymer electrolyte based on poly(vinyl alcohol)/gum Arabic/LiClO4. Ionics, 2020, 26, 2941-2948.	1.2	15
90	Carboxymethylcellulose derivatives with low hydrophilic properties. Polimery, 2003, 48, 273-279.	0.4	15

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91	DNA-based membranes for potential applications. Ionics, 2015, 21, 1381-1390.	1.2	14
92	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
93	Optoelectrochemical Characterization of Electrochromic Devices with Starch Based Solid Electrolytes. Molecular Crystals and Liquid Crystals, 2006, 447, 45/[363]-53/[371].	0.4	13
94	Spectroscopic and microscopic study of Prussian blue film for electrochromic device application. Electrochimica Acta, 2015, 175, 176-183.	2.6	13
95	Solid polymer electrolytes based on chitosan and Dy(CF3SO3)3 for electrochromic devices. Solid State Ionics, 2017, 310, 112-120.	1.3	13
96	Microbial origin xanthan gumâ€based solid polymer electrolytes. Journal of Applied Polymer Science, 2018, 135, 46229.	1.3	13
97	Gellan gumâ€“‹i›O,O‹/i›â€²â€bis(2â€aminopropyl)â€polyethylene glycol hydrogel for controlled fertilizer release. Journal of Applied Polymer Science, 2018, 135, 45636.	1.3	13
98	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
99	Thermal-history-dependent transition in pressed pellets ofClO4â^'-doped poly(3-methylthiophene). Physical Review B, 1994, 50, 3648-3651.	1.1	12
100	Luminescent polymer electrolytes based on chitosan and containing europium triflate. Journal of Rare Earths, 2016, 34, 661-666.	2.5	12
101	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
102	Study of ionically conducting nanocomposites for reflective electrochromic devices. Electrochimica Acta, 2019, 301, 174-182.	2.6	12
103	Impact of Zr precursor on the electrochemical properties of V2O5 sol-gel films. Journal of Electroanalytical Chemistry, 2019, 839, 67-74.	1.9	12
104	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
105	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
106	A luminescent europium ionic liquid to improve the performance of chitosan polymer electrolytes. Electrochimica Acta, 2017, 240, 474-485.	2.6	11
107	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
108	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

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109	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
110	Gelatin- and DNA-based ionic conducting membranes for electrochromic devices. Proceedings of SPIE, 2009, , .	0.8	10
111	Gelatin-HCl biomembranes with ionic-conducting properties. Ionics, 2013, 19, 1723-1731.	1.2	10
112	Influence of the NiO nanoparticles on the ionic conductivity of the agar-based electrolyte. Polimeros, 2014, 24, 8-12.	0.2	10
113	Bacterial cellulose/triethanolamine based ion-conducting membranes. Cellulose, 2014, 21, 1975.	2.4	10
114	Luminescent DNA- and Agar-Based Membranes. Journal of Nanoscience and Nanotechnology, 2014, 14, 6685-6691.	0.9	10
115	Chromophore doped DNA based solid polymer electrolyte for electrochromic devices. Arabian Journal of Chemistry, 2017, 10, 232-239.	2.3	10
116	Chitosan polymer electrolytes doped with a dysprosium ionic liquid. Journal of Polymer Research, 2020, 27, 1.	1.2	10
117	Functional novel polymer electrolytes containing europium picrate. Materials Research Innovations, 2011, 15, s3-s7.	1.0	9
118	Impedance Analysis of Gellan Gum - Poly(vinyl pyrrolidone) Membranes. Molecular Crystals and Liquid Crystals, 2014, 604, 84-95.	0.4	9
119	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
120	Electrochromic Windows with PVB Electrolytes. Molecular Crystals and Liquid Crystals, 2014, 604, 107-116.	0.4	8
121	Li⁺ions diffusion coefficient in V₂O₅:MoO₃Sol-Gel films. Molecular Crystals and Liquid Crystals, 2017, 655, 61-70.	0.4	8
122	Gellanâ€Gum and LiTFSIâ€Based Solid Polymer Electrolytes for Electrochromic Devices. ChemistrySelect, 2021, 6, 5110-5119.	0.7	8
123	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
124	Reversible light-induced solubility of disperse red 1 dye in a hydroxypropyl cellulose matrix. Cellulose, 2018, 25, 2083-2090.	2.4	7
125	Alginate-Jeffamine Covalently Crosslinked Hydrogel. Molecular Crystals and Liquid Crystals, 2014, 603, 240-247.	0.4	6
126	Chitosan and Ionic Liquid Based Solid Polymer Electrolytes: The Anion Alkyl Chain Length Effect. ECS Transactions, 2014, 61, 51-59.	0.3	6

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127	Proton mobility and copper coordination in polysaccharide- and gelatin-based bioblends and polyblends. Cellulose, 2014, 21, 2247-2259.	2.4	6
128	Electrochromic Devices with Starch Based Solid Polymeric Electrolytes. , 2002, , 255-258.		6
129	Non ohmic gigahertz conductivity in pressed pellets of doped poly(3-methylthiophene). Solid State Communications, 1994, 91, 953-956.	0.9	5
130	Kinetics of crystallization in conducting polymers observed from electron spin resonance. Journal of Chemical Physics, 1998, 109, 8729-8730.	1.2	5
131	CaracterizaÃ§Ã£o de filmes finos de Nb2O5 com propriedades eletrocrÃ´micas. Quimica Nova, 1998, 21, 365-367.	0.3	5
132	Electrochromic Properties of Sol-gel Coating of Nb2O5 and Nb2O5:Li+. Materials Research, 2002, 5, 43-46.	0.6	5
133	<title>Solid polymeric electrolytes obtained from modified natural polymers</title>. , 2003, , .		5
134	Conductivity and Thermal Analysis Studies of Solid Polymeric Electrolytes Based on Plasticized Hydroxyethyl Cellulose. E-Polymers, 2007, 7, .	1.3	5
135	Electrochemical Applications of Electrolytes based on Ionic Liquids. ECS Transactions, 2013, 45, 235-244.	0.3	5
136	DNA- and DNA-CTMA: novel bio-nanomaterials for application in photonics and in electronics. Proceedings of SPIE, 2013, , .	0.8	5
137	Latest advances in biomaterials: from deoxyribonucleic acid to nucleobases. , 2014, , .		5
138	Ion conducting and paramagnetic d-PCL(530)/siloxane-based biohybrids doped with Mn2+ ions. Electrochimica Acta, 2016, 211, 804-813.	2.6	5
139	Influence of molybdenum trioxide thin film thickness on its electrochemical properties. Molecular Crystals and Liquid Crystals, 2017, 655, 40-50.	0.4	5
140	Zirconium phosphate protonic conductor obtained by sonocatalytic sol-gel method. Journal of Materials Science Letters, 1995, 14, 1486-1489.	0.5	4
141	Hidroxietil celulose enxertada com poliÃ©teres. Polimeros, 1999, 9, 45-50.	0.2	4
142	Lithium Intercalation in CeO2-TiO2 Thin Film. Molecular Crystals and Liquid Crystals, 2004, 415, 221-227.	0.4	4
143	NMR and Conductivity Study of Starch BasedPolymer Gel Electrolytes. Molecular Crystals and Liquid Crystals, 2006, 447, 55/[373]-64/[382].	0.4	4
144	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

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145	Ionic, paramagnetic and photophysical properties of a new biohybrid material incorporating copper perchlorate. Electrochimica Acta, 2015, 173, 76-81.	2.6	4
146	Functional Smart Dispersed Liquid Crystals for Nano- and Biophotonic Applications: Nanoparticles-Assisted Optical Bioimaging. Journal of Nanomaterials, 2016, 2016, 1-9.	1.5	4
147	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
148	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
149	Polymer Electrolytes Derived from Hydroxiethylcellulose/Polyether Films. Molecular Crystals and Liquid Crystals, 2000, 353, 181-189.	0.3	3
150	Physics and applications of electrochromic devices. , 2003, 4986, 117.		3
151	Natural Membranes for Application in Biomedical Devices. Molecular Crystals and Liquid Crystals, 2012, 562, 147-155.	0.4	3
152	Influence of Li+:V2O5 doping on Nb2O5 thin films electrochemical performance. Molecular Crystals and Liquid Crystals, 2017, 655, 71-78.	0.4	3
153	Nanocomposite Polymer Electrolytes of Sodium Alginate and Montmorillonite Clay. Molecules, 2021, 26, 2139.	1.7	3
154	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
155	Metalâ€“insulator transitions in pressed pellets of BF^{â^'}₄doped poly(3-methylthiophene). Phase Transitions, 1997, 62, 157-165.	0.6	2
156	Crystallization observed from the spin behavior in poly(3-methylthiophene). Synthetic Metals, 1999, 101, 355.	2.1	2
157	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
158	Binary Ce(III) and Li(I) triflate salt composition for solid polymer electrolytes. Ionics, 2018, 24, 2321-2334.	1.2	2
159	The electrochromic device performance with DNA based electrolyte. Materials Chemistry and Physics, 2020, 241, 122349.	2.0	2
160	Surface Relief Grating on Chitosan-N,N-dimethyl-4-(2-pyridylazo)aniline Thin Film. Polymers, 2022, 14, 791.	2.0	2
161	Photopyroelectric spectroscopy of poly(3-butylthiophene) films. Synthetic Metals, 1993, 55, 269-274.	2.1	1
162	Title is missing!. Journal of Materials Science Letters, 1998, 17, 511-513.	0.5	1

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163	<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.		1
164	Kinetic behavior of WO 3 -doped Nb 2 O 5 electrochromic thin films. , 2003, 4986, 666.		1
165	Thermodynamics and Lithium Intercalation in CeO₂-TiO₂ Thin Film. Molecular Crystals and Liquid Crystals, 2010, 521, 112-119.	0.4	1
166	Digital colour management system for colour parameters reconstruction. Proceedings of SPIE, 2013, , .	0.8	1
167	Eco-Friendly Luminescent Hybrid Materials Based on EuIIIand LiICo-Doped Chitosan. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
168	Bio-inspired materials for electrochemical devices. , 2015, , .		1
169	3D printing of natural organic materials by photochemistry. Proceedings of SPIE, 2016, , .	0.8	1
170	A study on properties of chitosan-PEO electrolyte containing europium salt. Molecular Crystals and Liquid Crystals, 2017, 655, 79-86.	0.4	1
171	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
172	Cellulose derivatives as solid electrolyte matrixes. , 2001, 175, 45.		1
173	Synthesis and electrical conductivity study of poly(3-alkyl-thiopenes). Synthetic Metals, 1991, 41, 494.	2.1	0
174	Langmuir-Blodgett films from conjugated polymers. , 0, , .		0
175	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
176	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
177	Carbon nanotubesâ€polymer nanocomposites for controlled heating materials. Journal of Applied Polymer Science, 2016, 133, .	1.3	0
178	DNA-DODA-based polymer electrolytes for dye sensitized solar cells. Molecular Crystals and Liquid Crystals, 2017, 655, 131-141.	0.4	0
179	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
180	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

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181	QuÃmicos brasileiros esquecidos Adelino Leal: um professor que ensinava no laboratÃ³rio. Quimica Nova, 2000, 23, 571-574.	0.3	0
182	Ion-conducting membranes based on gelatin and DNA. SPIE Newsroom, 2009, , .	0.1	0
183	Erythrocytes and Relative Bioobjects Aligning in Modified Liquid Crystal Cells. Zhidkie Kristally I Ikh Prakticheskoe Ispol'zovanie, 2017, 17, 74-82.	0.0	0