

I Made Arcana

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

342
citations

10
h-index

17
g-index

44
ext. papers

460
ext. citations

1.8
avg, IF

3.73
L-index

#	Paper	IF	Citations
39	The Influences of [EMIm]Ac Ionic Liquid for the Characteristics of Li-Ion BatteriesSSolid Biopolymer Blend Electrolyte Based on Cellulose Derivatives of MC/CMC Blend. <i>Macromolecular Chemistry and Physics</i> , 2022 , 223, 2100362	2.6	1
38	Properties of Bacterial Cellulose and Its Nanocrystalline Obtained from Pineapple Peel Waste Juice. <i>Fibers and Polymers</i> , 2021 , 22, 1228-1236	2	3
37	Preparation and characterization of biopolymer blend electrolyte membranes based on derived celluloses for lithium-ion batteries separator. <i>Bulletin of Materials Science</i> , 2021 , 44, 1	1.7	4
36	PEO/PVA/LiOH Solid Polymer Electrolyte Prepared via Ultrasound-assisted Solution Cast Method. <i>Journal of Non-Crystalline Solids</i> , 2021 , 556, 120549	3.9	10
35	Preparation and Characterization of Biopolymer Electrolyte Membranes Based on LiClO ₄ -Complexed Methyl Cellulose as Lithium-ion Battery Separator. <i>Journal of Engineering and Technological Sciences</i> , 2020 , 52, 28	2.3	14
34	Cellulose Nanofibers Preparation from Cassava Peels via Mechanical Disruption. <i>Fibers</i> , 2019 , 7, 44	3.7	10
33	Green Synthesis of [EMIm]Ac Ionic Liquid for Plasticizing MC-based Biopolymer Electrolyte Membranes. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019 , 14, 345	1.7	6
32	Green simple microwave-assisted extraction (MAE) of cellulose from Theobroma cacao L. (TCL) husk. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 541, 012017	0.4	6
31	Thermal degradation of High-Density Polyethylene Containing Cobalt Stearat as Oxidant Additive. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 353, 012036	0.3	
30	The Effect of Manganese Palmitate as Pro-Oxidant Additive on Mechanical Properties of Polypropylene. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 622, 012020	0.4	
29	Thermal Stability and Morphology Analysis of Polymer Electrolyte Membranes Prepared from Cellulose Acetate-LiClO ₄ . <i>Key Engineering Materials</i> , 2019 , 811, 120-125	0.4	1
28	The influence of nano-silica on properties of sulfonated polystyrene-lignosulfonate membranes as proton exchange membranes for direct methanol fuel cell application. <i>Advances in Polymer Technology</i> , 2018 , 37, 1859-1867	1.9	6
27	Poly(urethane-urea) Synthesized from 9-ethoxy-1,10-octadecanediol Obtained by Modification of Palm Oil Oleic Acid. <i>Journal of Mathematical and Fundamental Sciences</i> , 2018 , 50, 13-27	1.7	3
26	Improving Conductivity Performance of Chitosan by Carboxymethylation Reaction: Synthesis and Characterization. <i>Materials Science Forum</i> , 2018 , 936, 121-125	0.4	1
25	Mechanical strength and ionic conductivity of polymer electrolyte membranes prepared from cellulose acetate-lithium perchlorate. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 223, 012052	0.4	21
24	Preparation and Characterization of Cellulose and Nanocellulose from Agro-industrial Waste - Cassava Peel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 176, 012052	0.4	9
23	Nanocellulose prepared by acid hydrolysis of isolated cellulose from sugarcane bagasse. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 107, 012045	0.4	104

22	Preparation of nanocrystalline cellulose from corncob used as reinforcement in separator for lithium ion battery 2015 ,		1
21	Polymer electrolyte membranes prepared by blending of poly(vinyl alcohol)-poly(ethylene oxide) for lithium battery application 2015 ,		2
20	Synthesis of cobalt stearate as oxidant additive for oxo-biodegradable polyethylene 2015 ,		1
19	Synthesis of manganese stearate for high density polyethylene (HDPE) and its biodegradation 2015 ,		1
18	Synthesis and characterization of ionic liquid (EMImBF ₄)/Li ⁺ - chitosan membranes for ion battery 2015 ,		3
17	The Influence of Succinyl Groups and Lithium Perchlorate on Chitosan Membranes as Electrolyte Polymers. <i>Macromolecular Symposia</i> , 2015 , 353, 185-190	0.8	3
16	Isolation of Cellulose Nanocrystals from Bacterial Cellulose Produced from Pineapple Peel Waste Juice as Culture Medium. <i>Procedia Chemistry</i> , 2015 , 16, 279-284		25
15	Preparation of Polymers Electrolyte Membranes for Lithium Battery from Styrofoam Waste. <i>Advanced Materials Research</i> , 2014 , 875-877, 1529-1533	0.5	0
14	Solid polymer electrolyte from phosphorylated chitosan 2014 ,		2
13	Synthesis and Characterization of Solid Polymer Electrolyte from N-Succinyl Chitosan and Lithium Perchlorate. <i>Advanced Materials Research</i> , 2014 , 896, 58-61	0.5	2
12	Energy return factor analysis of lithium polymer battery during charge/discharge cycles 2013 ,		1
11	Preparation of polymers electrolyte membranes from Styrofoam waste for lithium battery 2013 ,		1
10	Properties of Polymer Electrolyte Membranes Prepared by Blending Sulfonated Polystyrene with Lignosulfonate. <i>ITB Journal of Science</i> , 2012 , 44, 285-295		5
9	The effect of the soft segment of prepolymers on properties of poly(urethane-ester) and its biodegradability. <i>Polymer International</i> , 2011 , 60, 1535-1540	3.3	4
8	Study on Properties of Poly(urethane-ester) Synthesized from Prepolymers of ε-Caprolactone and 2,2-Dimethyl-1,3-Propanediol Monomers and Their Biodegradability. <i>Journal of Polymers and the Environment</i> , 2010 , 18, 188-195	4.5	8
7	Structure and Properties of Polymers Prepared by Polymerization of 2,2-Dimethyl-1,3-Propanediol and ε-Caprolactone Monomer. <i>ITB Journal of Science</i> , 2009 , 41, 78-87		2
6	Polyblends of Poly(vinyl alcohol) and Poly(Vegr;-caprolactone) and Their Properties. <i>AIP Conference Proceedings</i> , 2008 ,	0	2
5	Study on Properties of Polymer Blends from Polypropylene with Polycaprolactone and Their Biodegradability. <i>Polymer Journal</i> , 2007 , 39, 1337-1344	2.7	24

4	Synthesis of polyblends from polypropylene and poly(R,S)-hydroxybutyrate, and their characterization. <i>Polymer International</i> , 2006 , 55, 435-440	3.3	17
3	Ring-opening copolymerization of racemic ϵ -butyrolactone with γ -caprolactone and δ -valerolactone by distannoxane derivative catalysts: study of the enzymatic degradation in aerobic media of obtained copolymers. <i>Polymer International</i> , 2002 , 51, 859-866	3.3	15
2	Structure and morphology of poly(ϵ -hydroxybutyrate) synthesized by ring-opening polymerization of racemic (R,S)- ϵ -butyrolactone with distannoxane derivatives. <i>Polymer International</i> , 2000 , 49, 1348-1355	3.3	22
1	Membranes de pervaporation en polyvalérolactone et polycaprolactone testées pour la déshydratation de l'éthanol. <i>European Polymer Journal</i> , 1998 , 34, 45-50	5.2	2