

# I Made Arcana

## List of Publications by Citations

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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	Nanocellulose prepared by acid hydrolysis of isolated cellulose from sugarcane bagasse. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 107, 012045	0.4	104
38	Isolation of Cellulose Nanocrystals from Bacterial Cellulose Produced from Pineapple Peel Waste Juice as Culture Medium. <i>Procedia Chemistry</i> , <b>2015</b> , 16, 279-284		25
37	Study on Properties of Polymer Blends from Polypropylene with Polycaprolactone and Their Biodegradability. <i>Polymer Journal</i> , <b>2007</b> , 39, 1337-1344	2.7	24
36	Structure and morphology of poly( $\epsilon$ -hydroxybutyrate) synthesized by ring-opening polymerization of racemic (R,S)- $\epsilon$ -butyrolactone with distannoxane derivatives. <i>Polymer International</i> , <b>2000</b> , 49, 1348-1355	3.3	22
35	Mechanical strength and ionic conductivity of polymer electrolyte membranes prepared from cellulose acetate-lithium perchlorate. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 223, 012052	0.4	21
34	Synthesis of polyblends from polypropylene and poly(R,S)- $\epsilon$ -hydroxybutyrate, and their characterization. <i>Polymer International</i> , <b>2006</b> , 55, 435-440	3.3	17
33	Ring-opening copolymerization of racemic $\epsilon$ -butyrolactone with $\gamma$ -caprolactone and $\delta$ -valerolactone by distannoxane derivative catalysts: study of the enzymatic degradation in aerobic media of obtained copolymers. <i>Polymer International</i> , <b>2002</b> , 51, 859-866	3.3	15
32	Preparation and Characterization of Biopolymer Electrolyte Membranes Based on LiClO <sub>4</sub> -Complexed Methyl Cellulose as Lithium-ion Battery Separator. <i>Journal of Engineering and Technological Sciences</i> , <b>2020</b> , 52, 28	2.3	14
31	Cellulose Nanofibers Preparation from Cassava Peels via Mechanical Disruption. <i>Fibers</i> , <b>2019</b> , 7, 44	3.7	10
30	PEO/PVA/LiOH Solid Polymer Electrolyte Prepared via Ultrasound-assisted Solution Cast Method. <i>Journal of Non-Crystalline Solids</i> , <b>2021</b> , 556, 120549	3.9	10
29	Preparation and Characterization of Cellulose and Nanocellulose from Agro-industrial Waste - Cassava Peel. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 176, 012052	0.4	9
28	Study on Properties of Poly(urethane-ester) Synthesized from Prepolymers of $\epsilon$ -Caprolactone and 2,2-Dimethyl-1,3-Propanediol Monomers and Their Biodegradability. <i>Journal of Polymers and the Environment</i> , <b>2010</b> , 18, 188-195	4.5	8
27	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> , <b>2018</b> , 37, 1859-1867	1.9	6
26	Green Synthesis of [EMIm]Ac Ionic Liquid for Plasticizing MC-based Biopolymer Electrolyte Membranes. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2019</b> , 14, 345	1.7	6
25	Green simple microwave-assisted extraction (MAE) of cellulose from Theobroma cacao L. (TCL) husk. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 541, 012017	0.4	6
24	Properties of Polymer Electrolyte Membranes Prepared by Blending Sulfonated Polystyrene with Lignosulfonate. <i>ITB Journal of Science</i> , <b>2012</b> , 44, 285-295		5
23	The effect of the soft segment of prepolymers on properties of poly(urethane-ester) and its biodegradability. <i>Polymer International</i> , <b>2011</b> , 60, 1535-1540	3.3	4

22	Preparation and characterization of biopolymer blend electrolyte membranes based on derived celluloses for lithium-ion batteries separator. <i>Bulletin of Materials Science</i> , <b>2021</b> , 44, 1	1.7	4
21	Synthesis and characterization of ionic liquid (EMImBF <sub>4</sub> )/Li <sup>+</sup> - chitosan membranes for ion battery <b>2015</b> ,		3
20	The Influence of Succinyl Groups and Lithium Perchlorate on Chitosan Membranes as Electrolyte Polymers. <i>Macromolecular Symposia</i> , <b>2015</b> , 353, 185-190	0.8	3
19	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> , <b>2018</b> , 50, 13-27	1.7	3
18	Properties of Bacterial Cellulose and Its Nanocrystalline Obtained from Pineapple Peel Waste Juice. <i>Fibers and Polymers</i> , <b>2021</b> , 22, 1228-1236	2	3
17	Polymer electrolyte membranes prepared by blending of poly(vinyl alcohol)-poly(ethylene oxide) for lithium battery application <b>2015</b> ,		2
16	Solid polymer electrolyte from phosphorylated chitosan <b>2014</b> ,		2
15	Synthesis and Characterization of Solid Polymer Electrolyte from N-Succinyl Chitosan and Lithium Perchlorate. <i>Advanced Materials Research</i> , <b>2014</b> , 896, 58-61	0.5	2
14	Membranes de pervaporation en polyvalolactone et polycaprolactone testés pour la déshydratation de l'éthanol. <i>European Polymer Journal</i> , <b>1998</b> , 34, 45-50	5.2	2
13	Polyblends of Poly(vinyl alcohol) and Poly(Vegr;-caprolactone) and Their Properties. <i>AIP Conference Proceedings</i> , <b>2008</b> ,	0	2
12	Structure and Properties of Polymers Prepared by Polymerization of 2,2-Dimethyl-1,3-Propandiol and e-Caprolactone Monomer. <i>ITB Journal of Science</i> , <b>2009</b> , 41, 78-87		2
11	Energy return factor analysis of lithium polymer battery during charge/discharge cycles <b>2013</b> ,		1
10	Preparation of nanocrystalline cellulose from corncob used as reinforcement in separator for lithium ion battery <b>2015</b> ,		1
9	Synthesis of cobalt stearate as oxidant additive for oxo-biodegradable polyethylene <b>2015</b> ,		1
8	Synthesis of manganese stearate for high density polyethylene (HDPE) and its biodegradation <b>2015</b> ,		1
7	Preparation of polymers electrolyte membranes from Styrofoam waste for lithium battery <b>2013</b> ,		1
6	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> , <b>2022</b> , 223, 2100362	2.6	1
5	Thermal Stability and Morphology Analysis of Polymer Electrolyte Membranes Prepared from Cellulose Acetate-LiClO <sub>4</sub> . <i>Key Engineering Materials</i> , <b>2019</b> , 811, 120-125	0.4	1

4	Improving Conductivity Performance of Chitosan by Carboxymethylation Reaction: Synthesis and Characterization. <i>Materials Science Forum</i> , <b>2018</b> , 936, 121-125	0.4	1
3	Preparation of Polymers Electrolyte Membranes for Lithium Battery from Styrofoam Waste. <i>Advanced Materials Research</i> , <b>2014</b> , 875-877, 1529-1533	0.5	0
2	Thermal degradation of High-Density Polyethylene Containing Cobalt Stearat as Oxidant Additive. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 353, 012036	0.3	
1	The Effect of Manganese Palmitate as Pro-Oxidant Additive on Mechanical Properties of Polypropylene. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 622, 012020	0.4	