Witta Kartika Restu

List of Publications by Year
in descending order

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21 papers	234 citations	1040056 9 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	266 citing authors

#	Article	IF	Citations
1	Lignin as Green Filler in Polymer Composites: Development Methods, Characteristics, and Potential Applications. Advances in Materials Science and Engineering, 2022, 2022, 1-33.	1.8	43
2	Effect of lignin on mechanical, biodegradability, morphology, and thermal properties of polypropylene/polylactic acid/lignin biocomposite. Plastics, Rubber and Composites, 2019, 48, 82-92.	2.0	31
3	Short Oligopeptides for Biocompatible and Biodegradable Supramolecular Hydrogels. Langmuir, 2018, 34, 8065-8074.	3.5	25
4	Effect of Accelerated Stability Test on Characteristics of Emulsion Systems with Chitosan as a Stabilizer. Procedia Chemistry, 2015, 16, 171-176.	0.7	20
5	PLA/metal oxide biocomposites for antimicrobial packaging application. Polymer-Plastics Technology and Materials, 2020, 59, 1332-1342.	1.3	19
6	Intracellular self-assembly of supramolecular gelators to selectively kill cells of interest. Polymer Journal, 2020, 52, 883-889.	2.7	17
7	Hydrogel formation by short D-peptide for cell-culture scaffolds. Materials Science and Engineering C, 2020, 111, 110746.	7.3	13
8	Effect of Chitosan and Liposome Nanoparticles as Adjuvant Codelivery on the Immunoglobulin G Subclass Distribution in a Mouse Model. Journal of Immunology Research, 2017, 2017, 1-5.	2.2	12
9	Palmitoylated amino acids as low-molecular-weight gelators for ionic liquids. Colloid and Polymer Science, 2017, 295, 1109-1116.	2.1	10
10	Biofilm Based on Modified Sago Starch: Preparation and Characterization. Reaktor, 2019, 19, 125-130.	0.3	7
11	Characterization of Nanoencapsulated Centella asiatica and Zingiber officinale Extract Using Combination of Malto Dextrin and Gum Arabic as Matrix. IOP Conference Series: Materials Science and Engineering, 2017, 172, 012065.	0.6	6
12	Hydrolysis and Condensation of Alkoxysilane for the Preparation of Hybrid Coating Based on Polyurethane/Polysiloxane-Modified Epoxy. Polymer Science - Series B, 2019, 61, 180-188.	0.8	6
13	Effect of Solvent Combination on Electrospun Stereocomplex Polylactic Acid Nanofiber Properties. Macromolecular Symposia, 2020, 391, 1900134.	0.7	5
14	Preparation and characterization of edible films from starch nanoparticles and chitosan. Bioinspired, Biomimetic and Nanobiomaterials, 2021, 10, 1-7.	0.9	5
15	Influence of different structures of palm oil-based polyol on the mechanical and thermal properties of hybrid resin from polyurethane-/polysiloxane-modified epoxy. Polymer Bulletin, 2021, 78, 2121-2138.	3.3	5
16	Characterization of Artemisinin Solid Dispersion in Maltodextrin and Gum Arabic by Freeze Dried and High Energy Milling Methods. Macromolecular Symposia, 2020, 391, 1900186.	0.7	4
17	Effect of metal oxide as antibacterial agent on thermoplastic starch/metal oxide biocomposites properties. Polymer-Plastics Technology and Materials, 2020, 59, 1317-1325.	1.3	4
18	Characterization of biodegradable edible film based on cassava loaded with chitosan. AIP Conference Proceedings, 2021, , .	0.4	2

#	Article	IF	Citations
19	â€œConference on Innovation in Polymer Science and Technology (IPST) 2019â€•The Stones â€“ Legian, Bali, Indonesia, 16-19th October 2019. Polymer-Plastics Technology and Materials, 2020, 59, 1249-1249.	1.3	0
20	Lignin and Its Composites. Springer Series on Polymer and Composite Materials, 2020, , 181-202.	0.7	0
21	Effect of lignin on bio-based/oil-based polymer blends. , 2022, , 251-291.		0