

Pilho Huh

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

211
citations

1307366

7
h-index

1058333

14
g-index

25
all docs

25
docs citations

25
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of poly(ethylene oxide) hydrogels for wound dressing application using E-beam. <i>Macromolecular Research</i> , 2014, 22, 131-138.	1.0	58
2	Development of silver nanoparticle-based hydrogel composites for antimicrobial activity. <i>Green Chemistry Letters and Reviews</i> , 2020, 13, 34-40.	2.1	32
3	Effect of soft/hard segments in poly (tetramethylene glycol)-Polyurethane for water barrier film. <i>Progress in Organic Coatings</i> , 2018, 123, 238-241.	1.9	27
4	Effect of various encapsulants for frameless glass to glass Cu(In,Ga)(Se,S) ₂ photovoltaic module. <i>RSC Advances</i> , 2015, 5, 51258-51262.	1.7	15
5	Tacky-Free Polyurethanes Pressure-Sensitive Adhesives by Molecular-Weight and HDI Trimer Design. <i>Materials</i> , 2021, 14, 2164.	1.3	10
6	Highly Flexible and Photo-Activating Acryl-Polyurethane for 3D Steric Architectures. <i>Polymers</i> , 2021, 13, 844.	2.0	9
7	Heat capacity variables of thermoplastic polyurethane for high-quality 3D printing resolution and their characteristics. <i>Materials Letters</i> , 2019, 257, 126698.	1.3	8
8	Synthesis and Characteristics of Eco-Friendly 3D Printing Material Based on Waterborne Polyurethane. <i>Polymers</i> , 2021, 13, 44.	2.0	8
9	Heterogeneous Double Metal Cyanide Catalyzed Synthesis of Poly(μ -caprolactone) Polyols for the Preparation of Thermoplastic Elastomers. <i>Catalysts</i> , 2021, 11, 1033.	1.6	6
10	Water-Soluble Polyaniline/Polystyrene Sulfonate Synthesized Using Dialysis Membrane. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 117-122.	1.9	5
11	Semi-crystalline polypyrrole: Polystyrene sulfonate synthesized through the pores of filter paper. <i>Polymer Engineering and Science</i> , 2018, 58, 1033-1036.	1.5	5
12	A novel UV-curable acryl-polyurethane for flexural 3D printing architectures. <i>Additive Manufacturing</i> , 2022, 51, 102625.	1.7	4
13	Ladder-Type Poly(3,4-ethylenedioxythiophene)-Poly(ethylene glycol)-Polyurethane Supramolecular Network for Gel Polymer Electrolyte. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1518-1523.	1.9	3
14	Preparation and properties of photo-curable coatings based on synthesis of self-photocuring polyurethane acrylate oligomer for pre-coated metal. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 706, 129-135.	0.4	3
15	Synthesis of non-isocyanate poly(hydroxyurethane)s (NI-PHUs) using diglycidyl ethers. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 706, 136-140.	0.4	3
16	The effect of acrylic silane crosslinker on room-temperature cured acrylate binder for road markings. <i>Bulletin of the Korean Chemical Society</i> , 2022, 43, 1045-1051.	1.0	3
17	Nanoporous polyimide film from poly(ethylene glycol-co-imide) using a one-step heat calcination process. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 634, 73-81.	0.4	2
18	Transparency- and Repellency-Enhanced Acrylic-Based Binder for Stimuli-Responsive Road Paint Safety Improvement Technology. <i>Materials</i> , 2021, 14, 6829.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Clustered assembly of Au nanoparticles from spherical diblock copolymer micelles encapsulating Au nanoparticle. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	1
20	Synthesis of β -hydroxyalkylamide by using microwave and its performance for powder coating. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 653, 233-237.	0.4	1
21	Ladder-Type Poly(3,4-ethylenedioxythiophene)-Poly (ethylene glycol)-Polyurethane Supramolecular Network for Gel Polymer Electrolyte. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1236-1241.	1.9	1
22	A facile template-free strategy for synthesizing hydroxymethyl-poly(3,4-ethylenedioxythiophene) nanospheres. <i>Scientific Reports</i> , 2020, 10, 4035.	1.6	1
23	Effect of molecular weight on the properties of polyethylene glycol polyurethane-co-polydimethylsiloxane polyurethane. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1967-1972.	0.6	1
24	Investigation of Optimum Conditions for Synthesis of Cu(In,Ga)Se ₂ Nanoparticles by Refluxing. <i>Journal of the Korean Physical Society</i> , 2020, 76, 527-532.	0.3	0