

Hyun-U Ko

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

650
citations

623188

14
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review: All Solid-state Electroactive Polymer-based Tunable Lens. The Journal of Korea Robotics Society, 2021, 16, 41-48.	0.2	0
2	Esterified PVA-lignin resin by maleic acid applicable for natural fiber reinforced composites. Journal of Applied Polymer Science, 2020, 137, 48836.	1.3	23
3	Swelling Behavior of Polyacrylamide-Cellulose Nanocrystal Hydrogels: Swelling Kinetics, Temperature, and pH Effects. Materials, 2019, 12, 2080.	1.3	80
4	Review of Soft Actuator Materials. International Journal of Precision Engineering and Manufacturing, 2019, 20, 2221-2241.	1.1	122
5	Electroactive Hydrogels Made with Polyvinyl Alcohol/Cellulose Nanocrystals. Materials, 2018, 11, 1615.	1.3	53
6	Poly(vinyl alcohol)-lignin blended resin for cellulose-based composites. Journal of Applied Polymer Science, 2018, 135, 46655.	1.3	23
7	Perspective and potential of smart optical materials. Smart Materials and Structures, 2017, 26, 093001.	1.8	26
8	Transparent and semi-interpenetrating network P(vinyl alcohol)-P(Acrylic acid) hydrogels: pH responsive and electroactive application. International Journal of Smart and Nano Materials, 2017, 8, 80-94.	2.0	17
9	Flexible cellulose and ZnO hybrid nanocomposite and its UV sensing characteristics. Science and Technology of Advanced Materials, 2017, 18, 437-446.	2.8	40
10	Preparation and characterization of hydrogels from polyvinyl alcohol and cellulose and their electroactive behavior. Soft Materials, 2017, 15, 64-72.	0.8	50
11	Fabrication Method Study of ZnO Nanocoated Cellulose Film and Its Piezoelectric Property. Materials, 2017, 10, 611.	1.3	9
12	Poly(acrylic acid)-Poly(vinyl alcohol) hydrogels for reconfigurable lens actuators. International Journal of Precision Engineering and Manufacturing - Green Technology, 2016, 3, 375-379.	2.7	30
13	Electroactive and Optically Adaptive Bionanocomposite for Reconfigurable Microlens. Journal of Physical Chemistry B, 2016, 120, 4699-4705.	1.2	19
14	Transparent and flexible haptic actuator based on cellulose acetate stacked membranes. International Journal of Precision Engineering and Manufacturing, 2015, 16, 1479-1485.	1.1	13
15	Preparation and characterization of Cellulose-ZnO nanolayer film by blending method. Macromolecular Research, 2015, 23, 814-818.	1.0	13
16	Fabrication of Cellulose ZnO Hybrid Nanocomposite and Its Strain Sensing Behavior. Materials, 2014, 7, 7000-7009.	1.3	34
17	Review of microwave assisted manufacturing technologies. International Journal of Precision Engineering and Manufacturing, 2012, 13, 2263-2272.	1.1	39
18	Preparation of cellulose-ZnO hybrid films by a wet chemical method and their characterization. Cellulose, 2011, 18, 675-680.	2.4	59