

Gulshan Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9276808/publications.pdf>

Version: 2024-02-01

19
papers

255
citations

1163117

8
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	A Simple Approach for the Synthesis of Cellulose Nanofiber Reinforced Chitosan/PVP Bio Nanocomposite Film for Packaging. Journal of Polymers and the Environment, 2019, 27, 2963-2973.	5.0	43
2	Biodegradable Flexible Substrate Based on Chitosan/PVP Blend Polymer for Disposable Electronics Device Applications. Journal of Physical Chemistry B, 2020, 124, 149-155.	2.6	36
3	Tuning the electronic band alignment properties of TiO ₂ nanotubes by boron doping. Results in Physics, 2019, 12, 1725-1731.	4.1	33
4	Development of cost effective metal oxide semiconductor based gas sensor over flexible chitosan/PVP blended polymeric substrate. Carbohydrate Polymers, 2020, 239, 116213.	10.2	33
5	Effect of nano-cellulosic fiber on mechanical and barrier properties of polylactic acid (PLA) green nanocomposite film. Materials Research Express, 2019, 6, 125108.	1.6	26
6	A simple approach for the isolation of cellulose nanofibers from banana fibers. Materials Research Express, 2019, 6, 105601.	1.6	18
7	A Facile Chemical Approach to Isolate Cellulose Nanofibers from Jute Fibers. Journal of Polymers and the Environment, 2020, 28, 2761-2770.	5.0	14
8	Synthesis and Evaluation of Mechanical Property of Chitosan/PVP Blend Through Nanoindentation-A Nanoscale Study. Journal of Polymers and the Environment, 2021, 29, 3770-3778.	5.0	12
9	Morphology and Biodegradability Study of Natural Latex-Modified Polyester/Banana Fiber Composites. Journal of Natural Fibers, 2021, 18, 763-771.	3.1	10
10	Study on the modification of polyester resin bamboo fiber-based composite with euphorbia coagulum and their effect on mechanical and thermal properties. Journal of Composite Materials, 2020, 54, 3473-3480.	2.4	8
11	Effect of fiber content on thermal and mechanical properties of euphorbia coagulum modified polyester and bamboo fiber composite. Materials Research Express, 2019, 6, 125341.	1.6	7
12	Effect of Euphorbia Coagulum on Flexural Property of Polyester Banana Fiber Composite. Advanced Materials Research, 2013, 664, 764-767.	0.3	3
13	Development and Study of Biodegradability of Euphorbia Coagulum Modified Polyester Composite Reinforced with Bamboo Fiber. Fibers and Polymers, 2021, 22, 2581-2587.	2.1	3
14	Development of cost effective, breathable & biocompatible nanosilver impregnated, acrylic acid grafted non-woven polypropylene (NWPP) wound dressing material with long lasting antimicrobial efficacy. Journal of Polymer Research, 2022, 29, .	2.4	3
15	Effect of Euphorbia Coagulum Content on Fire Retardant and Mechanical Properties of Polyester Bamboo Fiber Composite. Fibers and Polymers, 2021, 22, 786-792.	2.1	2
16	Development of cost-effective transparent bionanocomposite films based on pullulan and cellulose nanofibers for packaging application. Polymer Bulletin, 0, , 1.	3.3	1
17	A study on effect of ATH on Euphorbia coagulum modified polyester banana fiber composite. , 0, .		1
18	Development of Euphorbia Latex and Bamboo Fiber Based Green Composite. Journal of Nanoscience and Nanotechnology, 2020, 20, 5282-5287.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Nanocellulose: fascinating and sustainable nanomaterial for papermaking. , 2022, , 389-407.		1