

# P Sudhakara

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

497  
citations

840776

11  
h-index

996975

15  
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15  
all docs

15  
docs citations

15  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiobjective Optimization of EDM Parameters for Rice Husk Ash/Cu/Mg-Reinforced Hybrid Al-0.7Fe-0.6Si-0.375Cr-0.25Zn Metal Matrix Nanocomposites for Engineering Applications: Fabrication and Morphological Analysis. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-15.	2.7	12
2	Overview on the latest trend and development on mechanical, tribological & microstructural properties of natural fibre polymer composites. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	5
3	Recent Trends and Developments in Conducting Polymer Nanocomposites for Multifunctional Applications. <i>Polymers</i> , 2021, 13, 2898.	4.5	116
4	Critical Review of Biodegradable and Bioactive Polymer Composites for Bone Tissue Engineering and Drug Delivery Applications. <i>Polymers</i> , 2021, 13, 2623.	4.5	104
5	Influence of Alkali Treatment and Maleated Polypropylene (MAPP) Compatibilizer on the Dry-Sliding Wear and Frictional Behavior of Borassus Fruit Fine Fiber (BFF)/Polypropylene (PP) Polymer Composites for Various Engineering Applications. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-15.	1.8	8
6	Fabrication and optimization of hybrid AA-6082-T6 alloy/8%Al <sub>2</sub> O <sub>3</sub> (Alumina)/2%Grp metal matrix composites using novel Box-Behnken methodology processed by wire-sinking electric discharge machining. <i>Materials Research Express</i> , 2019, 6, 116594.	1.6	18
7	An Investigation on the Effect of Silica Aerogel Content on Thermal and Mechanical Properties of Sisal/PLA Nano Composites. <i>Polymer Composites</i> , 2018, 39, 835-840.	4.6	13
8	Thermal, mechanical, and morphological properties of maleated polypropylene compatibilized Borassus fruit fiber/polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2013, 128, 976-982.	2.6	20
9	Preparation and Properties of Propylene Glycol Plasticized Wheat Protein Isolate Novel Green Films. <i>Journal of Polymers and the Environment</i> , 2013, 21, 930-936.	5.0	28
10	Photocrosslinkable liquid crystalline polymers based on cyclohexanone and fluorescent heterocyclic ring system. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	6
11	Fabrication of Borassus fruit lignocellulose fiber/PP composites and comparison with jute, sisal and coir fibers. <i>Carbohydrate Polymers</i> , 2013, 98, 1002-1010.	10.2	86
12	Microstructural and optical properties of nanocrystalline undoped zirconia thin films prepared by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 110, 427-432.	2.3	17
13	Studies on Borassus fruit fiber and its composites with Polypropylene. <i>Composites Research</i> , 2013, 26, 48-53.	0.1	22
14	Preparation and characterization of nanoparticle-filled, mixed matrix membranes for the pervaporation dehydration of isopropyl alcohol. <i>Journal of Applied Polymer Science</i> , 2012, 125, 3351-3360.	2.6	20
15	Preparation of sodium alginate/poly(vinyl alcohol) blend microspheres for controlled release applications. <i>Journal of Applied Polymer Science</i> , 2012, 125, 555-561.	2.6	22