

# Suganti Ramarad

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

656  
citations

1163117

8  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Waste tire rubber in polymer blends: A review on the evolution, properties and future. <i>Progress in Materials Science</i> , 2015, 72, 100-140.	32.8	368
2	Effect of nanofillers on the physico-mechanical properties of load bearing bone implants. <i>Materials Science and Engineering C</i> , 2016, 67, 792-806.	7.3	80
3	Rubber waste management: A review on methods, mechanism, and prospects. <i>Polymer Degradation and Stability</i> , 2021, 194, 109761.	5.8	54
4	Properties of kenaf fiber/poly(lactic acid) biocomposites plasticized with poly(ethylene glycol). <i>Polymer Composites</i> , 2010, 31, 1213-1222.	4.6	32
5	Improved crystallinity and dynamic mechanical properties of reclaimed waste tire rubber/EVA blends under the influence of electron beam irradiation. <i>Radiation Physics and Chemistry</i> , 2017, 130, 362-370.	2.8	27
6	Effective devulcanization of ground tire rubber using choline chloride-based deep eutectic solvents. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103151.	6.7	22
7	Effect of Immersion Time in Water on the Tensile Properties of Acetylated Steam-exploded Acacia mangium Fibers-Filled Polyethylene Composites. <i>Journal of Thermoplastic Composite Materials</i> , 2009, 22, 83-98.	4.2	15
8	Effect of Acetylation and MAPE on the Properties of Steam-Exploded Acacia mangium Fiber/HDPE Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2010, 29, 431-444.	3.1	9
9	Thermochemical compatibilization of reclaimed tire rubber/ poly(ethylene-co-vinyl acetate) blend using electron beam irradiation and amine-based chemical. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	9
10	Improving the properties of reclaimed waste tire rubber by blending with poly(ethylene-co-vinyl acetate) resin. <i>Journal of Applied Polymer Science</i> , 2016, 120, 1000-1008.	2.6	0
11	Parametric Study for Devulcanization of Waste Tire Rubber Utilizing Deep Eutectic Solvent (DES). <i>MATEC Web of Conferences</i> , 2018, 152, 01005.	0.2	8
12	Irradiation cross-linking of ethylene vinyl acetate/waste tire dust. <i>Journal of Thermoplastic Composite Materials</i> , 2016, 29, 464-478.	4.2	7
13	Surface modification of nanohydroxyapatite and its loading effect on poly(lactic acid) properties for load bearing implants. <i>Polymer Composites</i> , 2018, 39, 2880-2888.	4.6	7
14	Effect of Electron Beam Radiation on the Mechanical Properties of Low-Density Polyethylene (LDPE)/Waste Tire Dust (WTD) Blends. <i>Macromolecular Symposia</i> , 2015, 353, 47-54.	0.7	4
15	Devulcanization of Waste Tire Rubber Using Amine Based Solvents and Ultrasonic Energy. <i>MATEC Web of Conferences</i> , 2018, 152, 01007.	0.2	3
16	Melt behavior of polypropylene-co-ethylene composites filled with dual component of sago and kenaf natural filler. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51621.	2.6	3
17	Kinetics of Moisture Absorption for Alkali Extracted Steam-Exploded Fiber Filled High-Density Polyethylene Composites. , 2010, , .		0
18	RAPID-Mâ„¢ technology: A cell-free method for protein microarray generation from PCR DNA. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, 242.	0.5	0

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19	Effect of electron beam irradiation on (waste tire dust)-filled ethylene vinyl acetate in the presence of bisphenol a diglycidyl ether. Journal of Vinyl and Additive Technology, 2017, 23, 172-180.	3.4	0
20	Influence of electron beam irradiation on crosslink behaviour of reclaimed tire rubber/EVA blend in the presence of radiation sensitizers. IOP Conference Series: Materials Science and Engineering, 2020, 957, 012067.	0.6	0