

# Arunjunai Raj Mahendran

## List of Publications by Year in descending order

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25  
papers

475  
citations

687220

13  
h-index

713332

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(vinylidene fluoride)/Mica nanocomposite: A potential material for photovoltaic backsheets application. <i>Materials Chemistry and Physics</i> , 2022, 277, 125551.	2.0	8
2	Curing of epoxidized linseed oil: Investigation of the curing reaction with different hardener types. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50239.	1.3	15
3	Thermosetting natural fiber based composites. , 2021, , 187-214.		0
4	A study on electroactive PVDF/mica nanosheet composites with an enhanced $\beta$ -phase for capacitive and piezoelectric force sensing. <i>Soft Matter</i> , 2021, 17, 10891-10902.	1.2	8
5	Green Composite Material Made from <i>Typha latifolia</i> Fibres Bonded with an Epoxidized Linseed Oil/Tall Oil-Based Polyamide Binder System. <i>Journal of Renewable Materials</i> , 2020, 8, 499-512.	1.1	7
6	Physicochemical characteristics of bio-based thermoplastic polyurethane/graphene nanocomposite for piezoresistive strain sensor. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49364.	1.3	8
7	Smart paper from graphene coated cellulose for high-performance humidity and piezoresistive force sensor. <i>Synthetic Metals</i> , 2020, 266, 116420.	2.1	49
8	Thermoplastic polyurethane composites reinforced with renewable and sustainable fillers – a review. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1751-1769.	0.6	29
9	Electrically Conducting Carbon Microparticles by Direct Carbonization of Spent Wood Pulping Liquor. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3385-3391.	3.2	18
10	Paper-based laminates produced with kraft lignin-rich phenol-formaldehyde resoles meet requirements for outdoor usage. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 481-487.	1.3	15
11	Carbon Microparticles from Organosolv Lignin as Filler for Conducting Poly(Lactic Acid). <i>Polymers</i> , 2016, 8, 205.	2.0	14
12	Microfibrillated Lignocellulose Enables the Suspension-Polymerisation of Unsaturated Polyester Resin for Novel Composite Applications. <i>Polymers</i> , 2016, 8, 255.	2.0	20
13	Synthesis, characterization and degradation behavior of thermoplastic polyurethane from hydroxylated hemp seed oil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 525-533.	2.0	27
14	Electrically conductive kraft lignin-based carbon filler for polymers. <i>Carbon</i> , 2015, 89, 161-168.	5.4	22
15	Synthesis, characterization, and properties of isocyanate-free urethane coatings from renewable resources. <i>Journal of Coatings Technology Research</i> , 2014, 11, 329-339.	1.2	16
16	Influence of thermo-analytical and rheological properties of an epoxy powder coating resin on the quality of coatings on medium density fibreboards (MDF) using in-mould technology. <i>Progress in Organic Coatings</i> , 2014, 77, 1539-1546.	1.9	13
17	Indane-based bismaleimide and cloisite 15a nanoclay blends: Kinetics of thermal curing and degradation of particulate nanocomposites. <i>Polymer Composites</i> , 2013, 34, 1279-1297.	2.3	7
18	Photocrosslinking of an Acrylated Epoxidized Linseed Oil: Kinetics and its Application for Optimized Wood Coatings. <i>Journal of Polymers and the Environment</i> , 2012, 20, 1063-1074.	2.4	52

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19	Synthesis and Characterization of a Bio-Based Resin from Linseed Oil. <i>Macromolecular Symposia</i> , 2012, 311, 18-27.	0.4	33
20	Photocrosslinkable modified vegetable oil based resin for wood surface coating application. <i>Progress in Organic Coatings</i> , 2012, 74, 697-704.	1.9	30
21	Thermal cure kinetics of epoxidized linseed oil with anhydride hardener. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 989-998.	2.0	47
22	Thermochemical and isoconversional kinetic analysis of a polyester-epoxy hybrid powder coating resin for wood based panel finishing. <i>Progress in Organic Coatings</i> , 2011, 70, 186-191.	1.9	27
23	Preparation and Characterization of Partially Degraded High-Density Polyethylene in an Internal Mixer. <i>Polymer-Plastics Technology and Engineering</i> , 2008, 47, 1142-1146.	1.9	2
24	High Performance Green Composites for Green Technologies. <i>Key Engineering Materials</i> , 0, 742, 271-277.	0.4	5
25	High-Performance Natural Fiber Composites Made from Technical Flax Textiles and Manufactured by Resin Transfer Molding. <i>Key Engineering Materials</i> , 0, 742, 263-270.	0.4	3