

Birm-June Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/823122/publications.pdf>

Version: 2024-02-01

18
papers

330
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	High Density Polyethylene Composites Reinforced with Hybrid Inorganic Fillers: Morphology, Mechanical and Thermal Expansion Performance. <i>Materials</i> , 2013, 6, 4122-4138.	2.9	75
2	Mechanical and physical properties of core-shell structured wood plastic composites: Effect of shells with hybrid mineral and wood fillers. <i>Composites Part B: Engineering</i> , 2013, 45, 1040-1048.	12.0	49
3	Recent Advances in the Sound Insulation Properties of Bio-based Materials. <i>BioResources</i> , 2013, 9, .	1.0	38
4	Performance of bamboo plastic composites with hybrid bamboo and precipitated calcium carbonate fillers. <i>Polymer Composites</i> , 2012, 33, 68-78.	4.6	33
5	Co-Extruded Wood-Plastic Composites with Talc-Filled Shells: Morphology, Mechanical, and Thermal Expansion Performance. <i>BioResources</i> , 2013, 8, .	1.0	29
6	Effects of Methylenediphenyl 4,4- TM -Diisocyanate and Maleic Anhydride as Coupling Agents on the Properties of Polylactic Acid/Polybutylene Succinate/Wood Flour Biocomposites by Reactive Extrusion. <i>Materials</i> , 2020, 13, 1660.	2.9	19
7	Probe tack of tackified acrylic emulsion PSAs. <i>International Journal of Adhesion and Adhesives</i> , 2007, 27, 102-107.	2.9	17
8	Mechanical and morphological properties of coextruded wood plastic composites with glass fiber-filled shell. <i>Polymer Composites</i> , 2016, 37, 824-834.	4.6	12
9	Experimental and numerical analysis of the sound insulation property of wood plastic composites (WPCs) filled with precipitated CaCO ₃ . <i>Holzforschung</i> , 2013, 67, 301-306.	1.9	11
10	Viscoelastic properties and peel strength of water-borne acrylic PSAs for labels. <i>Journal of Adhesion Science and Technology</i> , 2007, 21, 109-123.	2.6	8
11	Effect of Nano-CaCO ₃ and Talc on Property and Weathering Performance of PP Composites. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-9.	2.7	8
12	Overview of Wood Plastic Composites: Focusing on Use of Bio-based Plastics and Co-extrusion Technique. <i>Journal of the Korean Wood Science and Technology</i> , 2014, 42, 499-509.	3.0	8
13	Comparative mechanical, fire-retarding, and morphological properties of high-density polyethylene/(wood flour) composites with different flame retardants. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, 3-12.	3.4	7
14	Effects of Cellulose Nanocrystal and Inorganic Nanofillers on the Morphological and Mechanical Properties of Digital Light Processing (DLP) 3D-Printed Photopolymer Composites. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6835.	2.5	7
15	Effects of Nanoclay and Glass Fiber on the Microstructural, Mechanical, Thermal, and Water Absorption Properties of Recycled WPCs. <i>Journal of the Korean Wood Science and Technology</i> , 2019, 47, 472-485.	3.0	5
16	A Study on The Thermal Properties and Activation Energy of Rapidly Torrefied Oak Wood Powder using Non-isothermal Thermogravimetric Analysis. <i>Journal of the Korean Wood Science and Technology</i> , 2016, 44, 96-105.	3.0	3
17	Hybrid effects of carbon fiber and nanoclay as fillers on the performances of recycled wood-plastic composites. <i>BioResources</i> , 2020, 15, 7671-7686.	1.0	1
18	Effects of wood flour and MA-EPDM on the properties of fused deposition modeling 3D-printed poly lactic acid composites. <i>BioResources</i> , 2021, 16, 7122-7138.	1.0	0