

Che Husna Azhari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tensile Properties of Single Cellulosic Bamboo Fiber (<i>Gigantochloa Scortechinii</i>) Using Response Surface Methodology. <i>Journal of Natural Fibers</i> , 2022, 19, 359-368.	3.1	6
2	Optimization of bamboo mesoparticle/nylon 6 composite mechanical properties using a response surface methodology. <i>International Journal of Materials Research</i> , 2020, 111, 204-213.	0.3	4
3	Physicochemical and Thermal Properties of Lignocellulosic Fiber from <i>Gigantochloa Scortechinii</i> Bamboo: Effect of Steam Explosion Treatment. <i>Fibers and Polymers</i> , 2020, 21, 2186-2194.	2.1	18
4	Tensile Properties and Microstructure of Single-Cellulosic Bamboo Fiber Strips after Alkali Treatment. <i>Fibers</i> , 2020, 8, 26.	4.0	31
5	Water absorption behaviour and its effect on the mechanical properties of <i>Gigantochloa scortechinii</i> (buluh simantan). <i>International Journal of Microstructure and Materials Properties</i> , 2019, 14, 184.	0.1	2
6	Mechanical and morphological properties of bamboo mesoparticle/nylon 6 composites. <i>International Journal of Materials Research</i> , 2019, 110, 130-136.	0.3	13
7	Enhancement of the microstructural and mechanical properties of dental zirconia through combined optimized colloidal processing and cold isostatic pressing. <i>Ceramics International</i> , 2019, 45, 1831-1836.	4.8	14
8	Influences of the processing method and sintering temperature on the translucency of polycrystalline yttria-stabilized tetragonal zirconia for dental applications. <i>Ceramics International</i> , 2018, 44, 18641-18649.	4.8	9
9	Engineering characterisation of epoxidized natural rubber-modified hot-mix asphalt. <i>PLoS ONE</i> , 2017, 12, e0171648.	2.5	18
10	Review of titanate coupling agents and their application for dental composite fabrication. <i>Dental Materials Journal</i> , 2017, 36, 539-552.	1.8	38
11	INFLUENCE OF PROCESSING ON MECHANICAL PROPERTIES OF 3Y-TZP FOR DENTAL APPLICATIONS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	0
12	INFLUENCE OF SINTERING TEMPERATURE ON TRANSLUCENCY OF YTTRIA-STABILIZED ZIRCONIA FOR DENTAL CROWN APPLICATIONS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	2
13	Rheological characteristics of unaged and aged epoxidised natural rubber modified asphalt. <i>Construction and Building Materials</i> , 2016, 102, 190-199.	7.2	47
14	The Bio-Adhesion Behaviour of Banana Leaves as Soil Remover at Elevated Temperatures. <i>Tribology Online</i> , 2016, 11, 264-271.	0.9	2
15	IMPROVEMENT OF MECHANICAL PROPERTIES OF Y-TZP VIA CERIA ADDITION AND COLD ISOSTATIC PRESSING METHOD. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.4	0
16	Optimization of pH and dispersant amount of Y-TZP suspension for colloidal stability. <i>Ceramics International</i> , 2015, 41, 9939-9946.	4.8	30
17	Evaluation of thermal, morphological and mechanical properties of PMMA/NaCl/DMF electrospun nanofibers: an investigation through surface methodology approach. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 1025-1038.	2.4	17
18	Physical and rheological properties of epoxidized natural rubber modified bitumens. <i>Construction and Building Materials</i> , 2014, 63, 242-248.	7.2	73

#	ARTICLE	IF	CITATIONS
19	Sustainable Rural Energy: Traditional Water Wheels in Padang (PWW) Indonesia. , 2010, , .		1
20	Epoxidized natural rubberâ€“alumina nanoparticle composites: Optimization of mixer parameters via response surface methodology. Journal of Applied Polymer Science, 2010, 115, 183-189.	2.6	23
21	Correlation of Filler Loading and Silane Coupling Agent on the Physical Characteristics of Epoxidized Natural Rubber-Alumina Nanoparticles Composites. Journal of Elastomers and Plastics, 2010, 42, 331-346.	1.5	15
22	Analysis of the Sound of the Kompang for Computer Music Synthesis. , 2006, , .		6
23	Rheological Characteristics of Epoxidized Natural Rubber Modified Bitumen. Applied Mechanics and Materials, 0, 505-506, 174-179.	0.2	13