Che Husna Azhari

List of Publications by Year
in descending order

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23 papers	382 citations	759233 12 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	394 citing authors

#	Article	IF	Citations
1	Physical and rheological properties of epoxidized natural rubber modified bitumens. Construction and Building Materials, 2014, 63, 242-248.	7.2	73
2	Rheological characteristics of unaged and aged epoxidised natural rubber modified asphalt. Construction and Building Materials, 2016, 102, 190-199.	7.2	47
3	Review of titanate coupling agents and their application for dental composite fabrication. Dental Materials Journal, 2017, 36, 539-552.	1.8	38
4	Tensile Properties and Microstructure of Single-Cellulosic Bamboo Fiber Strips after Alkali Treatment. Fibers, 2020, 8, 26.	4.0	31
5	Optimization of pH and dispersant amount of Y-TZP suspension for colloidal stability. Ceramics International, 2015, 41, 9939-9946.	4.8	30
6	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
7	Engineering characterisation of epoxidized natural rubber-modified hot-mix asphalt. PLoS ONE, 2017, 12, e0171648.	2.5	18
8	Physicochemical and Thermal Properties of Lignocellulosic Fiber from Gigantochloa Scortechinii Bamboo: Effect of Steam Explosion Treatment. Fibers and Polymers, 2020, 21, 2186-2194.	2.1	18
9	Evaluation of thermal, morphological and mechanical properties of PMMA/NaCl/DMF electrospun nanofibers: an investigation through surface methodology approach. Iranian Polymer Journal (English Edition), 2015, 24, 1025-1038.	2.4	17
10	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
11	Enhancement of the microstructural and mechanical properties of dental zirconia through combined optimized colloidal processing and cold isostatic pressing. Ceramics International, 2019, 45, 1831-1836.	4.8	14
12	Rheological Characteristics of Epoxidized Natural Rubber Modified Bitumen. Applied Mechanics and Materials, 0, 505-506, 174-179.	0.2	13
13	Mechanical and morphological properties of bamboo mesoparticle/nylon 6 composites. International Journal of Materials Research, 2019, 110, 130-136.	0.3	13
14	Influences of the processing method and sintering temperature on the translucency of polycrystalline yttria-stabilized tetragonal zirconia for dental applications. Ceramics International, 2018, 44, 18641-18649.	4.8	9
15	Analysis of the Sound of the Kompang for Computer Music Synthesis. , 2006, , .		6
16	Tensile Properties of Single Cellulosic Bamboo Fiber (Gigantochloa Scortechinii) Using Response Surface Methodology. Journal of Natural Fibers, 2022, 19, 359-368.	3.1	6
17	Optimization of bamboo mesoparticle/nylon 6 composite mechanical properties using a response surface methodology. International Journal of Materials Research, 2020, 111, 204-213.	0.3	4
18	INFLUENCE OF SINTERING TEMPERATURE ON TRANSLUCENCY OF YTTRIA-STABILIZED ZIRCONIA FOR DENTAL CROWN APPLICATIONS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2

#	Article	IF	Citations
19	Water absorption behaviour and its effect on the mechanical properties of Gigantochloa scortechinii (buluh simantan). International Journal of Microstructure and Materials Properties, 2019, 14, 184.	0.1	2
20	The Bio-Adhesion Behaviour of Banana Leaves as Soil Remover at Elevated Temperatures. Tribology Online, 2016, 11, 264-271.	0.9	2
21	Sustainable Rural Energy: Traditional Water Wheels in Padang (PWW) Indonesia. , 2010, , .		1
22	IMPROVEMENT OF MECHANICAL PROPERTIES OF Y-TZP VIA CERIA ADDITION AND COLD ISOSTATIC PRESSING METHOD. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
23	INFLUENCE OF PROCESSING ON MECHANICAL PROPERTIES OF 3Y-TZP FOR DENTAL APPLICATIONS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0