

Muhammad Azwadi Sulaiman

List of Publications by Year in descending order

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469
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of curing, morphological, mechanical and electrical properties of epoxidised natural rubber (ENR-25) through the addition of copper calcium titanium oxide (CCTO). Polymer Bulletin, 2022, 79, 9907-9923.	3.3	3
2	Effect of sintering time on the dielectric properties of CaCu ₃ Ti ₄ O ₁₂ using enhanced microwave processing. AIP Conference Proceedings, 2022, , .	0.4	0
3	Optimization of vulcanisation system on the rheological and thermal properties of ENR-50 filled CCTO composite. AIP Conference Proceedings, 2022, , .	0.4	0
4	High permittivity ceramics-filled acrylonitrile butadiene rubber composites: influence of acrylonitrile content and ceramic type. Polymer Bulletin, 2021, 78, 1755-1769.	3.3	4
5	Characterization of barium titanate reinforced acrylonitrile butadiene rubber composites for flexible electronic applications: influences of barium titanate content. Polymer International, 2021, 70, 154-161.	3.1	5
6	Barium Titanate-reinforced Acrylonitrile-Butadiene Rubber: Synergy Effect of Carbon-based Secondary Filler. Chinese Journal of Polymer Science (English Edition), 2021, 39, 725-735.	3.8	3
7	Thermal and Dynamic Mechanical Behaviours of CCTO/ENR-25 Composite. Materials Science Forum, 2020, 1010, 274-279.	0.3	2
8	Mechanical and Thermal Properties of Hybrid Non-Woven Kenaf Fibre Mat-Graphene Nanoplatelets reinforced Polypropylene Composites. Materials Science Forum, 2020, 1010, 124-129.	0.3	2
9	Evaluation of cure characteristic, physico-mechanical, and dielectric properties of calcium copper titanate filled acrylonitrile-butadiene rubber composites: Effect of calcium copper titanate loading. Journal of Applied Polymer Science, 2020, 137, 49136.	2.6	6
10	Influence of Vulcanization System on the Mechanical Properties of CCTO/ENR50 Composite. IOP Conference Series: Earth and Environmental Science, 2020, 596, 012001.	0.3	2
11	Electrochemical properties of Bacto-agar and commercial agar applying in porous zinc anode for Zn-air battery. AIP Conference Proceedings, 2019, , .	0.4	3
12	Microstructure and dielectric properties of silicone rubber/CCTO composites. AIP Conference Proceedings, 2019, , .	0.4	1
13	Characterization of particleboard made using glutardialdehyde-treated oil palm trunk particles. AIP Conference Proceedings, 2019, , .	0.4	4
14	Mechanical and physical properties of kenaf fiber mat reinforced unsaturated polyester composites with the presence of graphene as nano filler. AIP Conference Proceedings, 2019, , .	0.4	1
15	Preface: Materials Characterization using X-Rays and Related Techniques. AIP Conference Proceedings, 2019, , .	0.4	0
16	Decomposition of TiO ₂ , CuO and CaCO ₃ for CaCu ₃ Ti ₄ O ₁₂ formation through solid state reaction. AIP Conference Proceedings, 2019, , .	0.4	0
17	Characterization of Activated Carbon Produced from Leucaena leucocephala Biomass as Heavy Metal Adsorbent: Adsorption of Cadmium from Aqueous Solution. International Journal of Current Research in Science Engineering & Technology, 2018, 1, 293.	0.1	3
18	A Survey on Occupational Safety and Health Awareness Among School Teachers in Kelantan, Malaysia. Advances in Intelligent Systems and Computing, 2018, , 142-151.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Effect of Sintering Heating Rate on $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ Formation. Solid State Phenomena, 2017, 264, 173-176.	0.3	1
20	Bacto-Agar and Commercial Agar as Binder for Porous Zinc Anode. Solid State Phenomena, 2017, 264, 136-139.	0.3	7
21	Microstructure of CuO Assisted Activated Carbon Adsorbent from Rubber Wood Sawdust Produced by Mechanochemical Processing. Solid State Phenomena, 2017, 264, 215-219.	0.3	5
22	Safety and health practice among laboratory staff in Malaysian education sector. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012004.	0.6	2
23	Microstructural, Mechanical and Dielectric Properties of CCTO/Epoxy Composite. Solid State Phenomena, 2017, 264, 206-210.	0.3	2
24	Treatment of Oily Waste Using Activated Carbon from Agriculture Waste. Materials Science Forum, 2016, 840, 432-437.	0.3	5
25	Synthesis and Characterization of Activated Carbon Produced from Kenaf Core Fiber Using H_3PO_4 Activation. Procedia Chemistry, 2016, 19, 558-565.	0.7	181
26	Effects of Soil Physical Properties to the Corrosion of Underground Pipelines. Materials Science Forum, 2016, 840, 309-314.	0.3	8
27	High frequency response to the impedance complex properties of Nb-doped $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ electroceramics. Journal of Alloys and Compounds, 2011, 509, 5701-5707.	5.5	25
28	Nanoscale Investigation of Nb-Doped $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ Grains. Advanced Materials Research, 2011, 364, 455-459.	0.3	7
29	Dielectric properties of Nb-doped $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ electroceramics measured at high frequencies. Journal of Alloys and Compounds, 2010, 493, 486-492.	5.5	76
30	Investigation of Grain Size Effect on the Impedance of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ from 100 Hz to 1 GHz of Frequency. Advanced Materials Research, 0, 620, 230-235.	0.3	4
31	Microscopic Study on the Corrosion of Underground Pipeline. Key Engineering Materials, 0, 694, 172-176.	0.4	2
32	Waste Banana Peel and its Potentialization in Agricultural Applications: Morphology Overview. Materials Science Forum, 0, 840, 394-398.	0.3	9
33	Mechanical and Morphological Properties of Meranti Wood Flour Filled Polypropylene Composites. Materials Science Forum, 0, 840, 91-96.	0.3	6
34	Effect of Urea Formaldehyde Addition to the Dimensional Stability of Particle Board Made Using Glutarialdehyde Modified Corn Starch as Binder with FT-IR Analysis. Materials Science Forum, 0, 840, 108-111.	0.3	8
35	The Dielectric Properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ at Various Calcination Temperatures. Materials Science Forum, 0, 888, 117-120.	0.3	5
36	Characterizations of Pergau River Clay as Comparison to Mambong and Sayong. Materials Science Forum, 0, 888, 141-145.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Mechanical and Water Absorption Properties of Hybrid Kenaf/Glass Fibre Mat Reinforced Unsaturated Polyester Composites. Materials Science Forum, 0, 888, 228-233.	0.3	10
38	Flexural and Morphology Properties of Kenaf Fibre Reinforcement Unsaturated Polymer Composite. Materials Science Forum, 0, 888, 193-197.	0.3	6
39	Morphology of CuO-Doped Activated Carbon from Kenaf Core Fiber. Solid State Phenomena, 0, 264, 169-172.	0.3	6
40	Dielectric and Curing Properties of ZnFe ₂ O ₄ Loaded Epoxidized Natural Rubber (ENR 25). Materials Science Forum, 0, 1010, 292-297.	0.3	1
41	Influence of Feldspar Addition on the Properties of CaCu ₃ Ti ₄ O ₁₂ Ceramic. Key Engineering Materials, 0, 908, 185-189.	0.4	0