

Muhammad Azwadi Sulaiman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Activated Carbon Produced from Kenaf Core Fiber Using H ₃ PO ₄ Activation. <i>Procedia Chemistry</i> , 2016, 19, 558-565.	0.7	181
2	Dielectric properties of Nb-doped CaCu ₃ Ti ₄ O ₁₂ electroceramics measured at high frequencies. <i>Journal of Alloys and Compounds</i> , 2010, 493, 486-492.	5.5	76
3	High frequency response to the impedance complex properties of Nb-doped CaCu ₃ Ti ₄ O ₁₂ electroceramics. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5701-5707.	5.5	25
4	Mechanical and Water Absorption Properties of Hybrid Kenaf/Glass Fibre Mat Reinforced Unsaturated Polyester Composites. <i>Materials Science Forum</i> , 0, 888, 228-233.	0.3	10
5	Waste Banana Peel and its Potentialization in Agricultural Applications: Morphology Overview. <i>Materials Science Forum</i> , 0, 840, 394-398.	0.3	9
6	Effects of Soil Physical Properties to the Corrosion of Underground Pipelines. <i>Materials Science Forum</i> , 2016, 840, 309-314.	0.3	8
7	Effect of Urea Formaldehyde Addition to the Dimensional Stability of Particle Board Made Using Glutardialdehyde Modified Corn Starch as Binder with FT-IR Analysis. <i>Materials Science Forum</i> , 0, 840, 108-111.	0.3	8
8	Nanoscale Investigation of Nb-Doped CaCu ₃ Ti ₄ O ₁₂ Grains. <i>Advanced Materials Research</i> , 2011, 364, 455-459.	0.3	7
9	Bacto-Agar and Commercial Agar as Binder for Porous Zinc Anode. <i>Solid State Phenomena</i> , 2017, 264, 136-139.	0.3	7
10	Mechanical and Morphological Properties of Meranti Wood Flour Filled Polypropylene Composites. <i>Materials Science Forum</i> , 0, 840, 91-96.	0.3	6
11	Flexural and Morphology Properties of Kenaf Fibre Reinforcement Unsaturated Polymer Composite. <i>Materials Science Forum</i> , 0, 888, 193-197.	0.3	6
12	Morphology of CuO-Doped Activated Carbon from Kenaf Core Fiber. <i>Solid State Phenomena</i> , 0, 264, 169-172.	0.3	6
13	Evaluation of cure characteristic, physico-mechanical, and dielectric properties of calcium copper titanate filled acrylonitrile-butadiene rubber composites: Effect of calcium copper titanate loading. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49136.	2.6	6
14	Treatment of Oily Waste Using Activated Carbon from Agriculture Waste. <i>Materials Science Forum</i> , 2016, 840, 432-437.	0.3	5
15	The Dielectric Properties of CaCu ₃ Ti ₄ O ₁₂ at Various Calcination Temperatures. <i>Materials Science Forum</i> , 0, 888, 117-120.	0.3	5
16	Microstructure of CuO Assisted Activated Carbon Adsorbent from Rubber Wood Sawdust Produced by Mechanochemical Processing. <i>Solid State Phenomena</i> , 2017, 264, 215-219.	0.3	5
17	Characterization of barium titanate reinforced acrylonitrile butadiene rubber composites for flexible electronic applications: influences of barium titanate content. <i>Polymer International</i> , 2021, 70, 154-161.	3.1	5
18	Investigation of Grain Size Effect on the Impedance of CaCu ₃ Ti ₄ O ₁₂ from 100 Hz to 1 GHz of Frequency. <i>Advanced Materials Research</i> , 0, 620, 230-235.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Characterization of particleboard made using glutardialdehyde-treated oil palm trunk particles. AIP Conference Proceedings, 2019, , .	0.4	4
20	High permittivity ceramics-filled acrylonitrile butadiene rubber composites: influence of acrylonitrile content and ceramic type. Polymer Bulletin, 2021, 78, 1755-1769.	3.3	4
21	Electrochemical properties of Bacto-agar and commercial agar applying in porous zinc anode for Zn-air battery. AIP Conference Proceedings, 2019, , .	0.4	3
22	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
23	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
24	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
25	Microscopic Study on the Corrosion of Underground Pipeline. Key Engineering Materials, 0, 694, 172-176.	0.4	2
26	Safety and health practice among laboratory staff in Malaysian education sector. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012004.	0.6	2
27	Microstructural, Mechanical and Dielectric Properties of CCTO/Epoxy Composite. Solid State Phenomena, 2017, 264, 206-210.	0.3	2
28	Thermal and Dynamic Mechanical Behaviours of CCTO/ENR-25 Composite. Materials Science Forum, 2020, 1010, 274-279.	0.3	2
29	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
30	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
31	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
32	Characterizations of Pergau River Clay as Comparison to Mambong and Sayong. Materials Science Forum, 0, 888, 141-145.	0.3	1
33	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
34	Microstructure and dielectric properties of silicone rubber/CCTO composites. AIP Conference Proceedings, 2019, , .	0.4	1
35	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
36	Dielectric and Curing Properties of ZnFe_2O_4 Loaded Epoxidized Natural Rubber (ENR 25). Materials Science Forum, 0, 1010, 292-297.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Preface: Materials Characterization using X-Rays and Related Techniques. AIP Conference Proceedings, 2019, , .	0.4	0
38	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
39	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
40	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
41	Optimization of vulcanisation system on the rheological and thermal properties of ENR-50 filled CCTO composite. AIP Conference Proceedings, 2022, , .	0.4	0