Temitope Theophilus Dele-Afolabi

List of Publications by Year
in descending order

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26	457	840119 11	713013 21
papers	citations	h-index	g-index

26	26	26	376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical and Mechanical Properties of Tilapia Scale Hydroxyapatite-Filled High-Density Polyethylene Composites. Polymers, 2022, 14, 251.	2.0	6
2	Interfacial microstructure evolution and shear strength of MWCNTs-reinforced Sn-1.0Ag-0.5Cu (SAC105) composite solder interconnects on plain Cu and ENIAg surface finish. Journal of Materials Science: Materials in Electronics, 2022, 33, 8233-8246.	1.1	6
3	Tailored pore structures and mechanical properties of porous alumina ceramics prepared with corn cob poreâ€forming agent. International Journal of Applied Ceramic Technology, 2021, 18, 244-252.	1.1	10
4	Characterization Techniques in Nanotechnology: The State of the Art. Materials Horizons, 2021, , 21-73.	0.3	1
5	Influence of porous Cu interlayer on the intermetallic compound layer and shear strength of MWCNT-reinforced SAC 305 composite solder joints. Journal of Materials Science: Materials in Electronics, 2021, 32, 4515-4528.	1.1	11
6	Interfacial IMC evolution and shear strength of MWCNTs-reinforced Snâ€“5Sb composite solder joints: Experimental characterization and artificial neural network modelling. Journal of Materials Research and Technology, 2021, 13, 1020-1031.	2.6	9
7	Shear analysis of rice husk ash (RHA) reinforced tinâ€0.7â€copper composite solders on electroless nickel/immersion silver (ENIAg) surfaces. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 943-951.	0.5	2
8	Microstructural and shear strength properties of GNSs-reinforced Sn-1.0Ag-0.5Cu (SAC105) composite solder interconnects on plain Cu and ENIAg surface finish. Journal of Materials Research and Technology, 2021, 15, 2497-2506.	2.6	25
9	Mechanical Properties of Longitudinal Basalt/Woven-Glass-Fiber-reinforced Unsaturated Polyester-Resin Hybrid Composites. Polymers, 2020, 12, 2211.	2.0	87
10	Microstructural and shear strength properties of RHA-reinforced Snâ€“0.7Cu composite solder joints on bare Cu and ENIAg surface finish. Journal of Materials Science: Materials in Electronics, 2020, 31, 8316-8328.	1.1	7
11	Tensile Strength and Moisture Absorption of Sugar Palm-Polyvinyl Butyral Laminated Composites. Polymers, 2020, 12, 1923.	2.0	14
12	Microstructure evolution and hardness of MWCNT-reinforced Sn-5Sb/Cu composite solder joints under different thermal aging conditions. Microelectronics Reliability, 2020, 110, 113681.	0.9	28
13	Controlling the sintering response in the development of multilayered components produced via powder injection molding routeâ€”a review. International Journal of Advanced Manufacturing Technology, 2020, 107, 3755-3777.	1.5	2
14	Impact of different isothermal aging conditions on the IMC layer growth and shear strength of MWCNT-reinforced Snâ€“5Sb solder composites on Cu substrate. Journal of Alloys and Compounds, 2019, 808, 151714.	2.8	34
15	Investigating the effect of sintering temperature on the microstructure and hardness of cemented tungsten carbide/steel bilayer. IOP Conference Series: Materials Science and Engineering, 2019, 469, 012020.	0.3	1
16	Fabrication Methods and Characterization Techniques for Porous Ceramic Materials. , 2019, , 55-65.		0
17	Effect of nickel addition on the microstructure and corrosion resistance properties of porous alumina composites shaped with sugarcane bagasse pore-forming agent. IOP Conference Series: Materials Science and Engineering, 2019, 469, 012019.	0.3	1
18	Effect of agroâ€waste pore formers on the microstructure, hardness, and tensile properties of porous alumina ceramics. International Journal of Applied Ceramic Technology, 2018, 15, 1060-1071.	1.1	16

#	Article	IF	Citations
19	Significant effect of rice husk and sugarcane bagasse pore formers on the microstructure and mechanical properties of porous Al2O3/Ni composites. Journal of Alloys and Compounds, 2018, 743, 323-331.	2.8	15
20	Tensile strength and corrosion resistance properties of porous Al2O3/Ni composites prepared with rice husk pore-forming agent. Ceramics International, 2018, 44, 11127-11135.	2.3	9
21	Agro-waste shaped porous Al2O3/Ni composites: Corrosion resistance performance and artificial neural network modelling. Materials Characterization, 2018, 142, 77-85.	1.9	14
22	Investigating the effect of porosity level and pore former type on the mechanical and corrosion resistance properties of agro-waste shaped porous alumina ceramics. Ceramics International, 2017, 43, 8743-8754.	2.3	28
23	Influence of multi-walled carbon nanotubes on melting temperature and microstructural evolution of Pb-free Sn-5Sb/Cu solder joint. IOP Conference Series: Materials Science and Engineering, 2017, 238, 012010.	0.3	7
24	Research trend in the development of macroporous ceramic components by pore forming additives from natural organic matters: A short review. Ceramics International, 2017, 43, 1633-1649.	2.3	58
25	Growth kinetics of intermetallic layer in lead-free Snâ€“5Sb solder reinforced with multi-walled carbon nanotubes. Journal of Materials Science: Materials in Electronics, 2015, 26, 8249-8259.	1.1	23
26	Investigating the effect of isothermal aging on the morphology and shear strength of Sn-5Sb solder reinforced with carbon nanotubes. Journal of Alloys and Compounds, 2015, 649, 368-374.	2.8	43