

# Tahar Merizgui

## List of Publications by Year in descending order

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14  
papers

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#	ARTICLE	IF	CITATIONS
1	Effect of Temperature and Frequency on Microwave Shielding Behaviour of Functionalized Kenaf Fibre-Reinforced MWCNTs/Iron(III) Oxide Modified Epoxy Hybrid Composite. Transactions on Electrical and Electronic Materials, 2020, 21, 366-376.	1.9	44
2	Electromagnetic shielding behavior of epoxy multi-hybrid composites comprises of E-glass fiber, Ag nanoparticle, and Ni nanosheet: A novel approach. Polymer Composites, 2021, 42, 2484-2491.	4.6	39
3	High content silver/zinc oxide nanoparticle and cobalt nanowire in Caryota urens fibre-epoxy composites for enhanced microwave shielding. Journal of Magnetism and Magnetic Materials, 2021, 536, 168118.	2.3	32
4	Effect of magnetic iron(III) oxide particle addition with MWCNTs in kenaf fibre-reinforced epoxy composite shielding material in E, F, I and J band microwave frequencies. Materials Research Express, 2019, 6, 046102.	2.6	26
5	High Content of Siliconized MWCNTs and Cobalt Nanowire with E-Glass/Kenaf Fibers as Promising Reinforcement for EMI Shielding Material. Silicon, 2022, 14, 719-729.	3.3	17
6	Comparison Electromagnetic Shielding Effectiveness Between Smart Multilayer Arrangement Shields. , 2018, , .		13
7	Impact of Temperature Variation on the Electromagnetic Shielding Behavior of Multilayer Shield for EMC Applications. Revue Des Composites Et Des Materiaux Avances, 2019, 29, 363-367.	0.6	13
8	Microwave shielding performance of TiO <sub>2</sub> /Co/GF containing high structure carbon fiber alternate laminate composite. Journal of Materials Science: Materials in Electronics, 2022, 33, 934-949.	2.2	12
9	Electromagnetic shielding effectiveness improvement with high temperature in far-field behavior multiwall carbon nanotube/iron (III) particles addition in composites. Polymer Composites, 2020, 41, 3678-3686.	4.6	11
10	Effect of Human Body Temperature on New Multilayer Composite Shield in Pacemaker. Revue Des Composites Et Des Materiaux Avances, 2019, 29, 27-32.	0.6	7
11	Enhanced of Electrical Properties and Shielding Efficiency of Hybrid Composite with Temperature. Revue Des Composites Et Des Materiaux Avances, 2019, 29, 171-177.	0.6	6
12	Effect of temperature on the Electromagnetic Characteristic Behavior of Copper. , 2018, , .		4
13	Artistic feasibility research on a standalone hybrid solar/wind system based on IncCond algorithm under variable load demands-a case study: South Algeria. International Journal of Electrical and Computer Engineering, 2021, 11, 4649.	0.7	1
14	Effects of temperature on the electromagnetic shielding effectiveness under a plane wave excitation. International Journal of Digital Signals and Smart Systems, 2019, 3, 20.	0.2	1