

M F Mohd Razip Wee

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

256
citations

1163117

8
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-doping improves the magnetic properties of zinc oxide nanowires. RSC Advances, 2020, 10, 23297-23311.	3.6	52
2	Antibacterial-Integrated Collagen Wound Dressing for Diabetes-Related Foot Ulcers: An Evidence-Based Review of Clinical Studies. Polymers, 2020, 12, 2168.	4.5	40
3	Label Free Glucose Electrochemical Biosensor Based on Poly(3,4-ethylenedioxy thiophene):Polystyrene Sulfonate/Titanium Carbide/Graphene Quantum Dots. Biosensors, 2021, 11, 267.	4.7	25
4	Effects of Oxygen (O ₂) Plasma Treatment in Promoting the Germination and Growth of Chili. Plasma Chemistry and Plasma Processing, 2022, 42, 91-108.	2.4	17
5	Effect of H ₂ O-Based Low-Pressure Plasma (LPP) Treatment on the Germination of Bambara Groundnut Seeds. Agronomy, 2021, 11, 338.	3.0	15
6	Electrical transportation mechanisms of molybdenum disulfide flakes-graphene quantum dots heterostructure embedded in polyvinylidene fluoride polymer. Scientific Reports, 2019, 9, 6761.	3.3	14
7	Dielectrophoresis Prototypic Polystyrene Particle Synchronization toward Alive Keratinocyte Cells for Rapid Chronic Wound Healing. Sensors, 2021, 21, 3007.	3.8	10
8	Superhydrophilic organosilicon plasma modification on PES membrane for organic dyes filtration. Journal of Water Process Engineering, 2021, 44, 102352.	5.6	10
9	Finite element modeling of dielectrophoretic microelectrodes based on a array and ratchet type. , 2014, , .		8
10	Electrical bistabilities behaviour of all-solution-processed non-volatile memories based on graphene quantum dots embedded in graphene oxide layers. Journal of Materials Science: Materials in Electronics, 2019, 30, 16415-16420.	2.2	8
11	Practical Route for the Low-Temperature Growth of Large-Area Bilayer Graphene on Polycrystalline Nickel by Cold-Wall Chemical Vapor Deposition. ACS Omega, 2021, 6, 12143-12154.	3.5	8
12	Germination and growth improvement of papaya utilizing oxygen (O ₂) plasma treatment. Journal Physics D: Applied Physics, 2022, 55, 255205.	2.8	8
13	Guiding and confinement of interface acoustic waves in solid-fluid pillar-based phononic crystals. AIP Advances, 2016, 6, 121703.	1.3	7
14	Nitrogen incorporation by plasma polymerization of heptylamine on PES membrane for removal of anionic dye (Congo red). International Journal of Environmental Science and Technology, 2021, 18, 1443-1452.	3.5	7
15	Integration of a Dielectrophoretic Tapered Aluminum Microelectrode Array with a Flow Focusing Technique. Sensors, 2021, 21, 4957.	3.8	7
16	Analog/RF Study of Self-aligned In _{0.53} Ga _{0.47} As MOSFET with Scaled Gate Length. Journal of Electronic Materials, 2017, 46, 782-789.	2.2	5
17	Surface Modification of Electroosmotic Silicon Microchannel Using Thermal Dry Oxidation. Micromachines, 2018, 9, 222.	2.9	5
18	Characterization of embedded membrane in corrugated silicon microphones for high-frequency resonance applications. Microelectronics International, 2019, 36, 137-142.	0.6	4

#	ARTICLE	IF	CITATIONS
19	The Hydrophilization and Subsequent Hydrophobic Recovery Mechanism of Cold Plasma (CP) Treated Bambara Groundnuts. <i>Materials Science Forum</i> , 0, 1055, 161-169.	0.3	4
20	3D finite element analysis of corrugated silicon carbide membrane for ultrasonic MEMS microphone applications. <i>Microsystem Technologies</i> , 2021, 27, 913-919.	2.0	2
21	A Theoretical Study of Surface Mode Propagation with a Guiding Layer of GaN/Sapphire Hetero-Structure in Liquid Medium. <i>Biosensors</i> , 2018, 8, 124.	4.7	0
22	High-frequency Sezawa guided mode of GaN/sapphire using high aspect ratio electrode. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	0
23	Sezawa Guided Mode on Periodic Grooves of GaN/Sapphire Substrate. <i>Electronic Materials Letters</i> , 0, , 1.	2.2	0