

NO	ARTICLE TITLE	PROCEEDING NAME	SOURCE	AUTHOR
1	A multiwavelength study of the Sunspot of active region which leads to X 17 solar flare	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
2	A novel distributed multi-access platform for broadband triple-play service delivery	Advances in Intelligent Systems and Computing	Scopus	MOHD KAMIL BIN ABD. RAHMAN
3	A review on the effect of metal doped ZnO nanostructures on ultraviolet photoconductive sensor performance	AIP Conference Proceedings	Scopus	ZURAIDA BINTI KHUSAIMI
4	A short review: Potential use of plastic waste as adsorbent for various pollutants	AIP Conference Proceedings	Scopus	TAY CHIA CHAY
5	An Analysis of Active Region as a Trigger of Solar Flares	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
6	An Analysis on the Formation of Solar Radio Burst Type II, III and IV by Using e-CALLISTO, IUGONET and Space Weather Data	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
7	An automated system in detecting solar radio bursts type II and IV associated to multiple Coronal Mass Ejections	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
8	Analysis of Different Feeding Techniques on Textile Antenna	2019 International Symposium on Antennas and Propagation, ISAP 2019 - Proceedings	Scopus	MOHAMAD FAIZUL BIN YAHYA
9	Assessment of antifungal agent for the treatment of <i>Culvularia</i> sp. and <i>Lichtheimia</i> sp.	IOP Conference Series: Earth and Environmental Science	Scopus	FAIRUS BIN MUHAMAD DARUS
10	Bamboo and Glass Fibre Hybrid Laminated Composites as Locking Compression Plate (LCP) for Tibia Fracture Treatment	Journal of Physics: Conference Series	Scopus	AHMAD ZAFIR BIN ROMLI
11	Carbon nanotubes synthesis using thermal chemical vapor deposition method: A comparison between commercial ethanol and fermented tapioca	AIP Conference Proceedings	Scopus	MAZATULIKHMA BT MAT ZAIN
12	Characterization of energy content in food waste by using thermogravimetric analyser (TGA) and elemental analyser (CHNS-O)	Journal of Physics: Conference Series	Scopus	FAZNI SUSILA BT ABDUL GHANI
13	Characterization of starch thermoplastic based on glutardialdehyde modified starch	AIP Conference Proceedings	Scopus	SITI NUR LIYANA BINTI MAMAUOD

14	Characterization of type III and IV solar radio bursts from e-CALLISTO	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
15	Characterizations of poly-lactic acid/polypropylene filled with bamboo charcoal powder	Journal of Physics: Conference Series	Scopus	ENGKU ZAHARAH BINTI ENGKU ZAWAWI
16	Cloud cover profile using cloud detection algorithms towards energy forecasting in photovoltaic (PV) systems	Proceeding - 2019 IEEE 7th Conference on Systems, Process and Control, ICSPC 2019	Scopus	ARNIS BINTI ASMAT
17	CME event produced along with solar flares and its relation with the magnetic field	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
18	Coleus blumei extract as a potential antibacterial oral rinse	IOP Conference Series: Earth and Environmental Science	Scopus	NOR HADIANI BTE ISMAIL
19	Corrosion Assessment using Advanced Ultrasonic Measurement Technique	IOP Conference Series: Materials Science and Engineering	Scopus	SYED YUSAINEE BIN SYED YAHYA
20	Corrosion behaviour of in-situ Zirconium Dioxide (ZrO <sub>2</sub> ) reinforced by Aluminium-Copper (Al-Cu) alloy metal matrix composite	Journal of Physics: Conference Series	Scopus	MOHD MUZAMIR BIN MAHAT
21	Data mining analysis on ships collision risk and marine traffic characteristic of Port Klang Malaysia waterways from automatic identification system (AIS) data	Lecture Notes in Engineering and Computer Science	Scopus	MASNAWI BIN MUSTAFFA
22	Drift frequency of kilometric radio burst type III with solar wind speed and density	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
23	Effect of Cu doped in MgO on nanostructures and their band gap energies	Solid State Phenomena	Scopus	NOR FADILAH BINTI CHAYED
24	Effect of Different Amount of Precursor on Graphene Synthesis from Waste Cooking Palm Oil	Proceedings of the 2019 IEEE Regional Symposium on Micro and Nanoelectronics, RSM 2019	Scopus	ZURAIDA BINTI KHUSAIMI
25	Effect of hectorite clay loading on thermal properties of superabsorbent polymer composite based on polystyrene-graft-polycrylic acid /hectorite clay and mung bean starch	Key Engineering Materials	Scopus	AHMAD ZAFIR BIN ROMLI
26	Effect of ionic liquid concentration on the photovoltaic performance of dye-sensitized solar cell	MATERIALS TODAY-PROCEEDINGS	WoS	TAN WINIE
27	Effect of NCO/OH ratio on physical and mechanical properties of castor-based polyurethane grouting materials	Journal of Physics: Conference Series	Scopus	NOOR NAJMI BINTI BONNIA

28	Effect of SnO <sub>2</sub> coating to the properties of ZnO nanorod array	AIP Conference Proceedings	Scopus	MOHD FIRDAUS BIN MALEK
29	Effect of solvent donor number and temperature on the conductivity of liquid electrolyte	MATERIALS TODAY-PROCEEDINGS	WoS	RI HANUM YAHAYA SUBBAN
30	Enhanced electrical properties of poly(3,4-ethylenedioxythiophene;poly(4-styrenesulfonate) using graphene oxide	MATERIALS TODAY-PROCEEDINGS	Scopus/WoS	AB MALIK MARWAN BIN ALI
31	Fabrication of Al-doped ZnO nanorod array using different type and thickness of metal contact	AIP Conference Proceedings	Scopus	MOHD FIRDAUS BIN MALEK
32	Fe Doped Titania Photocatalyst for Degradation of Methyl Orange	MATERIALS TODAY-PROCEEDINGS	WoS	LIM YING CHIN
33	Feasibility study on the application of alum sludge (AS) as alternative landfill liner material in sustainable landfill infrastructure model: XRD and SEM analysis	Journal of Physics: Conference Series	Scopus	TAY CHIA CHAY
34	Feasibility study on the application of fabricated multipurpose food packaging plastic (Mfpp) liner as alternative landfill liner material in sustainable landfill infrastructure model	Key Engineering Materials	Scopus	TAY CHIA CHAY
35	Freshwater fish diversity and their distribution along the Kenyam River, Taman Negara Pahang, Malaysia	IOP Conference Series: Earth and Environmental Science	Scopus	HARINDER RAI SINGH
36	Functionalized Carbon Nanofibers (CNFs) for Ammonia Gas Detection at Room Temperature	MATERIALS TODAY-PROCEEDINGS	WoS	FAMIZA BINTI ABD LATIF
37	Graphene synthesis via double thermal chemical vapor deposition on Ni substrate by different cycles of refined cooking palm oil	AIP Conference Proceedings	Scopus	ZURAI DA BINTI KHUSAIMI
38	Hydrothermal reconstructing routes of alkali-free znal layered double hydroxide: A characterization study	Solid State Phenomena	Scopus	NAZRIZAWATI BINTI AHMAD TAJUDDIN
39	Image Processing of Case Study of Solar Radio Burst Type III and Type IV Burst Using Sunpy	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
40	Influence of different stabilizers to the growth of ZnO nanostructures on TiO <sub>2</sub> seed layer	AIP Conference Proceedings	Scopus	ZURAI DA BINTI KHUSAIMI
41	Investigation of characteristics of noise storm solar burst type i on 11th march 2013	Lecture Notes in Electrical Engineering	Scopus	ZETY SHARIZAT BINTI HAMIDI

42	Investigation of sharpness of knife by onion cutting	MATERIALS TODAY-PROCEEDINGS	WoS	MOHAMED IZZHARIF BIN ABDUL HALIM
43	Investigation on properties of ZnO nanorods grown at different immersion time on TiO <sub>2</sub> seed layer	AIP Conference Proceedings	Scopus	ZURAIIDA BINTI KHUSAIMI
44	Investigation on Structural Properties of Calcium Carbonate Synthesized by Precipitation, Gas Diffusion, and Thermal Chemical Vapour Deposition Method	Proceedings of the 2019 IEEE Regional Symposium on Micro and Nanoelectronics, RSM 2019	Scopus	ZURAIIDA BINTI KHUSAIMI
45	Land use and land cover (LULC) modification on the climate and air quality variations	IOP Conference Series: Earth and Environmental Science	Scopus	ARNIS BINTI ASMAT
46	Mechanical properties evaluation of nonwoven industrial cotton waste produced by needle punching method	IOP Conference Series: Materials Science and Engineering	Scopus	MOHD. ROZI BIN AHMAD
47	Morphology and conductivity evaluation of electrospun polyacrylic acid (PAA) microfiber	Materials Today: Proceedings	Scopus	ZAINI HARYATI BINTI MOHD ZAIN
48	Morphology and mechanical properties of polylactide/montmorillonite composites	Journal of Physics: Conference Series	Scopus	NORAZURA BINTI IBRAHIM
49	Morphology, ionic-molecular interaction and ionic conductivity behavior of pmma/enr 50 electrolytes containing carboxylic acids modified sio <sub>2</sub> fillers	Key Engineering Materials	Scopus	FAMIZA BINTI ABD LATIF
50	Multangle Imaging Spectroradiometer (MISR) and Moderate Resolution Imaging Spectrometer (MODIS) Aerosol Optical Depth (AOD) spatial variations in Peninsular Malaysia	IOP Conference Series: Earth and Environmental Science	Scopus	ARNIS BINTI ASMAT
51	Natural rubber latex (NRL) waste protein purified at various pH condition and metal extraction studies	Journal of Physics: Conference Series	Scopus	HAIRANI BINTI TAHIR
52	Ni, Zn and Fe hydrotalcite-like catalysts for catalytic biomass compound into green biofuel	Pure and Applied Chemistry	Scopus	MOHD SUFRI BIN MASTULI
53	Optical and Structural Properties of Er <sup>3+</sup> -doped SiO <sub>2</sub> -ZrO <sub>2</sub> Glass-Ceramic Thin Film	Journal of Physics: Conference Series	Scopus	SURAYA BINTI AHMAD KAMIL
54	Parallel Coordinates Graph in Bundling Technique	1st International Informatics and Software Engineering Conference: Innovative Technologies for Digital Transformation, IISEC 2019 - Proceedings	Scopus	HEDZLIN BINTI ZAINUDDIN
55	Performance of Dense Graded Asphaltic Concrete Using Nanosilica Modified Bitumen	IOP Conference Series: Materials Science and Engineering	Scopus	ZURIANTI BINTI ABD RAHMAN

56	Polyaniline (PANI) fabric doped p-toluene sulfonic acid (pTSA) with anti-infection properties	MATERIALS TODAY-PROCEEDINGS	WoS	ZAIDAH BT ZAINAL ARIFFIN
57	Polyaniline on Poly (3,4-ethylenedioxythiophene) Screen Printed Electrode as Dissolved Ammonia Sensor	MATERIALS TODAY-PROCEEDINGS	WoS	YUSAIRIE BIN MOHD
58	Potential carbon nanotubes synthesis from fermented tapioca as drug carrier	AIP Conference Proceedings	Scopus	MAZATULIKHMA BT MAT ZAIN
59	Quantum states in nonlinear coupler with frequency mismatch	Optics InfoBase Conference Papers	Scopus	ABDEL BASET MOHAMED EL NABWI ABDEL HAMID IBRAHIM
60	Radon-222 and naturally occurring radioactive materials (NORMs) radioactivity concentrations and radiological impact assessment of two sediment deposit areas in Cameron Highlands, Pahang	AIP Conference Proceedings	Scopus	NOR'ASHIKIN BINTI SAIM
61	Review: Methods for ripening mango to extend shelf life	AIP Conference Proceedings	Scopus	NOOR ASNIDA BINTI ASLI
62	Review: Some common disease in mango	AIP Conference Proceedings	Scopus	NOOR ASNIDA BINTI ASLI
63	Seasonal Windstorm Pattern and Damages in Peninsular Malaysia 2018	IOP Conference Series: Earth and Environmental Science	Scopus	ARNIS BINTI ASMAT
64	Spectral features of vanadium dioxide-based metasurface for sensing	Optics InfoBase Conference Papers	Scopus	ABDEL BASET MOHAMED EL NABWI ABDEL HAMID IBRAHIM
65	Statistical Analysis of Solar Radio Burst Type III and Type IV with Relation to Solar Activities	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
66	Structural and electrical properties of ZnO and SiO <sub>2</sub> doped ZnO powder for varistor application	AIP Conference Proceedings	Scopus	MOHD FIRDAUS BIN MALEK
67	Structural and electronic properties of TiO <sub>2</sub> polymorphs with effective on-site coulomb repulsion term: DFT plus U approaches	MATERIALS TODAY-PROCEEDINGS	Scopus/WoS	AB MALIK MARWAN BIN ALI
68	Structural, electronic and magnetic properties of Ca, Sr and Ba heterovalent A-site ion substitution in BiFeO <sub>3</sub> with different Fe oxidation states	MATERIALS TODAY-PROCEEDINGS	WoS	MUHAMAD KAMIL BIN YAAKOB
69	Studies on the characteristics and the effect of thickness on the band gap energies of Al <sub>2</sub> O <sub>3</sub> thin films prepared by PLD	Solid State Phenomena	Scopus	CHE NORLIDA BINTI KAMARULZAMAN

70	Synthesis and characterization of graphene from waste cooking palm oil at different deposition temperatures	AIP Conference Proceedings	Scopus	ZURAIIDA BINTI KHUSAIMI
71	Synthesis and characterization of metal doped nano zinc oxide on titanium dioxide seeded substrate	AIP Conference Proceedings	Scopus	ZURAIIDA BINTI KHUSAIMI
72	Tensile properties and dynamic mechanical behaviour of natural rubber compound filled with rice husk silica produced via solvent-thermal extraction method	Materials Science Forum	Scopus	ZAINATHUL AKHMAR SALIM BT ABDUL SALIM
73	The effect of annealing temperature on the properties of Ag+ doped ZnO thin films	AIP Conference Proceedings	Scopus	ZURAIIDA BINTI KHUSAIMI
74	The Effect of Precursor Concentration on Structural and Optical Properties of Ag-doped ZnO/TiO <sub>2</sub>	Proceedings of the 2019 IEEE Regional Symposium on Micro and Nanoelectronics, RSM 2019	Scopus	RABIATULADAWIYAH BINTI MD AKHIR
75	The Impact on Climate Change Due to the Effect of Global Electromagnetic Waves of Solar Flare and Coronal Mass Ejections (CMEs) Phenomena	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
76	The influence of sintering temperature to the structural and densification of silica doped zinc oxide for varistor application	AIP Conference Proceedings	Scopus	MOHD FIRDAUS BIN MALEK
77	The performance of humidity sensor using iron oxide as the sensor element	Proceedings - 8th IEEE International Conference on Control System, Computing and Engineering, ICCSCE 2018	Scopus	ZURAIIDA BINTI KHUSAIMI
78	The Relationship between Solar Radio Burst Type III and Geomagnetic Storm on the Earth that Occurred on 4th October 2017	Journal of Physics: Conference Series	Scopus	ZETY SHARIZAT BINTI HAMIDI
79	Thermal and morphological properties of abs/muscovite layered silicate composites	Materials Science Forum	Scopus	ZAINATHUL AKHMAR SALIM BT ABDUL SALIM
80	UV photoresponsivity of sol-gel derived Al-doped ZnO nanorod array	AIP Conference Proceedings	Scopus	MOHD FIRDAUS BIN MALEK
81	Visible-Light Photocatalysis Using Nb-doped TiO <sub>2</sub> Nanoparticles Synthesized Via Facile Sol-gel Method	Proceedings of the 2019 IEEE Regional Symposium on Micro and Nanoelectronics, RSM 2019	Scopus	ZURAIIDA BINTI KHUSAIMI