

3rd International Sciences, Technology and Engineering Conference (ISTEC 2018)

Material Chemistry

List of Accepted Papers

Num.	Paper ID	Title
1	S003	Intermetallic and Tensile Study of the Newly Developed Sn-2.0Ag-0.7Cu Solder with Addition of 0.5 wt.% Zinc
2	S007	Influence of Calcination Temperature on the Characterization and Sonophotocatalytic Activities of Fe-doped TiO₂ particles
3	S011	A.C. Conductivity of BaCe_{0.54}Zr_{0.36}Y_{0.10}Sr_{0.03}-δ Electrolyte in Dry and Wet Nitrogen Atmospheres
4	S012	Thermal Expansion of Solid Electrolyte Based on Cerate-Zirconate Ceramics
5	S014	A Study of Water Permeation using Glycerol as the Draw Solution with Thin Film Composite Membranes in Forward Osmosis and Pressure Retarded Osmosis Configurations
6	S016	Activated Carbon as Dispersing Agent in the Synthesis of Ba(Ce,Zr)O₃ Ceramic Electrolyte
7	S021	Low Voltage Micro-pulse Electric Field Exposure On Hela Cell
8	S022	In-Vitro evaluation of Porcupine Bezoar Extracts (PBE) as Anti-Cancer Agent on HeLa Cell Line - A Preliminary study
9	S023	Role of ZnO in Ni/ZnO/Al₂O₃ as Catalytic Materials for Hydrogenation of Vegetable Oil
10	S024	Physical Properties of Poly (ethyleneoxide) (PEO) Doped with Lithium bis (trifluoromethanesulfonyl) imide (LiTFSI) and 1-Ethyl-3-methylimidazolium bis
11	S025	Characterization of Enzymatic Glucose Biosensor in Buffer Solution, in Artificial Saliva, and in Potassium Ferricyanide by Linear Sweep Voltammetry

12	S026	Investigation of The Effect Of pH Adjustment On The Stability Of Nanofluid
13	S027	Preparation of Ceramic Support For Catalyst Carrier from Ceramic Waste : Effect of Sintering Temperature
14	S028	Biodegradable Polymeric Scaffold Using Natural Polymer and Hydroxyapatite for Bone Tissue Engineering: A Review
15	S030	Durability control of moisture in GFRP Cross-arms Transmission Line Tower
16	S031	Effect on the Temperature Behavior of Glass Fiber Reinforced Polymer (GFRP) in Various Application -A Review
17	S032	Durability Control of UV in Glass Fiber Reinforced Polymer (GFRP)
18	S033	Creep Behavior of Glass Fiber Polymer Structure in Cross Transmission Line Towers-A review
19	S034	Comparison on prediction of Fly Ash Generation Using Statistical method
20	S035	Pretreatment of Palm Kernel Shell and Mukah Balingian Coal via Microwave Irradiation for Co-gasification
21	S036	Synergistic Effect on Co-gasification of Pretreated Palm Kernel Shell and Mukah Balingian Coal
22	S037	The Effect of Ni addition in SnAgCu Solder on Microhardness and Intermetallic Formation
23	N001	Antiglycation and antioxidant potential of imidazo[4'5-byridine benzohydrazones
24	N004	Application of green polymer in microextraction techniques
25	N007	Utilization of Polyethylene in Bituminous Mixtures for Flexible Pavement
26	N010	The addition of silane coupling agent in Coconut Coir Husk/Polylactic Acid (PLA) Biocomposite: Mechanical and Biodegradability Studies
27	N012	Synthesis and Characterization of Inorganic Colour Pigment from Spent Acid
28	N013	The Effect of Zirconia Composition on HAp-Zirconia Feedstock Using Palm Stearin Binder System
29	N014	Processing of Highly Porous Glass Ceramic from Glass and Fly Ash Wastes
30	N015	Using Zeolite in The Ion Exchange Treatment to Remove Ammonia-nitrogen, Manganese and Cadmium

31	N018	Synthesis and Characterization of PS-b-PDMS Block Copolymer
32	N019	The Electrooxidation of Uric Acid at Zinc Oxide/Reduced Graphene Oxide Composites Modified Electrode
33	N020	ALF/Skin Extracted Pineapple Juice: New Potential as Pulping and Bleaching Agent in Papermaking and Its Effect on Mechanical and Physical Properties
34	N021	Material Selection for A Robust Helmet Structure Under Longitudinal and Lateral Drop Tests
35	N022	Optimization of the carbon films for the scale-up fabrication of the perovskite solar cells
36	N023	Swelling and Biodegradation Studies of PVA and Mung Bean Starch Superabsorbent Polymer
37	N024	Effect of Palm Oil Fuel Ash (POFA) and Cockle Shell on the Concrete Strength and Durability
38	N025	Removal of Malachite Green using Corncob as Biosorbent
39	N026	Microcrystalline Cellulose (MCC) of Kapok Fibre Prepared by Acid Hydrolysis Using Different Time of Treatment
40	N027	Conductivity Study of Polyvinyl Alcohol/Polyvinyl Pyrrolidone (PVA/PVP)-KOH Coatings System
41	N028	The effect of Ni addition in the SnAgCu solder on intermetallic growth rate
42	N029	Synthesis of Gold Nanoparticles (AuNPs) onto Anodized Titanium Oxide Nanotubes (TNTs) by Spin Coating Technique
43	N030	Potentiality of utilising hybrid non-woven/woven fabric kenaf fibre composite for car door map pocket