

GRANTS 2019

NO.	STAFF NAME	RESEARCH TITLE	GRANT NAME (SCIENCEFUND/FRGS ETC.)	AMOUNT PLEGDED (APPROVED)
1	Prof. Dr. Mohd Zobir Hussein	The mechanism of the formation of hydroxyapatite/montmorillonite nanocomposite for bone tissue	FRGS	65,000.00
2	Prof. Madya Dr. Khamirul Amin Matori	Enhancement of structural and mechanical properties of calcium fluoroaluminosilicate bioglass-ceramics for dental application	FRGS	70,000.00
3	Dr. Ismayadi Ismail	Fabrication and analysis of a new ultra-wideband hybrid microwave absorber for reducing radar cross-	TUBITAK	523,932.00
4	Rosnah Nawang	Preparation and Characterization of Hydroxyapatite/Montmorillonite Nanocomposite for Bone	PUTRA	35,000.00
5	Amir Reza Sadrolhosseini	Application of surface Plasmon Resonance Image Sensor Based on Otto Configuration to Detect PAH Chemical Using Polyaniline Graphene Quantum Dots	PUTRA	143,600.00
6	Rosnah binti Shamsudin	Physico-Chemical, Mechanical and Functional Properties of Dabai Fruit (Canarium Odontophyllum Miq)	FRGS	90,200.00
7	Nor Azah binti Yusof	Fundamental study of Nano Molecular imprinted polymer (NanoMIP) for biomimetic application of penicilin based antibiotic:synthesis and characterization	FRGS	106,621.00
8	Yap Wing Fen	Sensitivity Enhancement of Surface Plasmon Resonance Using Modified Nanocrystalline Cellulose for Potential Detection of Environmental Pollutants	FRGS	146,300.00
9	Suraya Abdul Rashid	Photoluminescence and Electron Transfer Mechanism of Carbon Quantum Dots-Chloroplast Complex for Photosynthesis Augmentation	FRGS	95,500.00

10	Mohd. Nizar Hamidon	Mechanistic study of graphene nanostructures growth via liquid-phase pulsed laser ablation (PLA) method	FRGS	99,880.00
11	Nor Azowa bt Ibrahim	Fundamental Study and Modification of Kenaf Fiber Reinforced Polylactic acid biocomposite for 3D printing filament	FRGS	82,000.00
12	Prof. Madya Dr. Yusran Sulaiman	Fabrication of coin cell supercapacitors	PRGS	120,000.00
13	Prof. Dr. Mohd Zobir Hussein	Development of multimodal nanotheranostics for liver cancer	GPB	100,000.00
14	Prof. Madya Dr. Lim Hong Ngee	Synthesis of Graphene core-Shell Metal Organic Framework for supercapacitor application	GPB	1,000,000.00
15	Dr. Umer Rashid	Synthesis of Plastic Waste-based Heterogenous Efficient Catalysts for Production of Biodiesel	GPB	100,000.00
16	Prof. Madya Dr. Suhaidi Shafie	Platinum Free Counter Electrode Catalyst for Dye Sensitized Solar Cell Synthesis Using Conductive Graphene/ Carbon Black	Matching Grant	70,000.00