

GRANTS 2017

NO.	STAFF NAME	RESEARCH TITLE	GRANT NAME (SCIENCEFUND/FRGS ETC.)	AMOUNT PLEDGED (APPROVED)
1	Suraya Abdul Rashid	Graphene Quantum Dots for Energy Storage and Biosensing Platform	PUTRA-IPB	500,300
2	Yap Wing Fen	Optical Investigation on detection of DENV II E-protein using surface plasmon resonance spectroscopy	PUTRA-IPS	20,000
3	Mohd Nizar Hamidon	Organic Conductive, Semiconductive, Resistive, And Insulative Paste Composition and Its	INNOHUB	70,000
4	Shahrul Ainliah Alang Ahmad	Harnessing Nanotechnology for Robust and Sensitive Tropical Disease Detection in Malaysia Setting: DNA Sensors for the Detection Dengue Fever Virus and	NEWTON FUND	108,586
5	Janet Lim Hong Ngee	Fundamental Investigation on Utilization of Graphene-based anti-reflective Coating to Improve the Efficiency of dye-sensitized Solar	FRGS	249,000.00
6	Zulkarnain Zainal	Electrochemical double layer capacitance of reduced titania nanotubes modified with transition	PUTRA BERIMPAK	149,400.00
7	Suriati Paiman	Growth of zinc oxide nanowires on RF-sputtered zinc oxide thin films for nanogenerators using microwave-assisted chemical bath deposition	FRGS	79,000.00
8	Shahrul Ainliah Alang Ahmad	Electrochemical Detection of PAHs using calixarene-functionalized grapheneoxide sensor	FRGS	95050.00
9	Norhisam Misron	Field Testing of Oil Palm Electrical Cutter Prototype for several oil palm Plantation in Malaysia	TRANSLATIONAL	250,000.00
10	Mohd Nizar Hamidon	Investigation of electrical conductivity and current carrying capacity in carbon nanomaterial-	TUBITAK	
11	Mohd Nizar Hamidon	Investigation of Haptic Sensor System by Nanomaterials to Establish Human Machine Interface	MATCHING FUND	79,000.00
12	Faizah Md Yasin	Bimetallic AgAu Nanoparticles decorated on Reduced Graphene Oxide for non-enzymatic Glucose	PUTRA-IPS	15,000.00

13	Nor Azah Yusof	Electrochemical Immunosensor for Ultrasensitive Non-Invasive, and affordable detection of tuberculosis	PUTRA-IPS	20,000.00
14	Helmi Wasoh	Specific and Sensitive Electrochemical Biosensor for Mycobacterium Tuberculosis (MT) DNA Detection With Nanomaterials	PUTRA-IPS	15,000.00
15	Janet Lim Hong Ngee	Fabrication of Photoelectrochemical Sensor Using Modified-Cadmium Sulphide Nanoparticles	PUTRA-IPS	15,000.00
16	Yap Wing Fen	Study on novel rapheme quantum dots based thin films for potential detection of toxic chemicals using surface plasmon resonance	PUTRA	90,960.00
17	Nor Azah Yusof	Development of Electrochemical Biosensor Based on Silicon Nanowires/platinum Nanoparticles Modified SPCE for Detection of Porcine DNA and Protein in Food.	PUTRA-IPS	20,000.00
18	Ismayadi Ismail	Development of Improved microstrip patch antenna using CNT supefiber materials synthesized from waste cooking oil	PUTRA	60,000.00
19	Khamirul Amin Matori	A study of Ferrite Polymer Composite Materials As Microwave	PUTRA	20,000.00
20	Yusran Sulaiman	Development of layer by layer (LBL) Assembled conducting polymer doped carbon material nanocomposites for supercapacitor	PUTRA	25,000.00
21	Robiah Yunus	Methyl ester sulfonates surfactant in alkaline surfactant polymer	GP-IPS	25,000.00
22	Robiah Yunus	Synthesis and development of green fluid using microwave-	GP-IPS	25,000.00
23	Raba'ah Syahidah Azis	Fabrication of low cost magnetite nanoparticles for metal removal waste water treatment	GP-IPS	23,000.00
24	Nor Azowa Ibrahim	Surface modification of cellulose nanocrystal for poly (Lactic Acid) Composites application	PUTRA BERIMPAK	141,400.00
25	Umer Rashid	Synthesis of hydrochar solid acid catalyst for biodiesel production	GP-IPS	25,000.00
26	Shahrul Ainliah Alang Ahmad	Electrochemical Detection of PAHs using calixarene-functionalized grapheneoxide sensor	PUTRA BERIMPAK	77,600.00