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78	PO78	Thickness Dependency on Dielectric Property of Lead Titanate Thin Film	Nurbaya Zainal	Nurbaya Zainal, Habibah Zulkefle, Lyly Nyl Ismail, Mohamad Rusop Mahmood	NANO-Electronic Center, Faculty of Electrical Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
79	PO79	Effect of concentrated ENR on ENR/Si masterbatch	Dr. Azira Abd Aziz	Azira Abd. Aziz, Nurul Suhaira Abdullah, Manroshan Singh a/l Jaswan Singh and Mazlina Mustapha Kamal	Advanced Rubber Technology Unit, 2Processing & Pollution Research Unit, 3Latex Science & Technology, Technology & Engineering Division, Malaysian Rubber Board, RRIM Research Station Sg. Buloh, 47000, Selangor, Malaysia
80	PO80	Effect of urea as a stabiliser in the thermal immersion method to synthesise zinc oxide nanostructures on porous silicon nanostructures	Mohd Husairi Fadzilah Suhaimi	F.S. Husairi, K.S. Eswar, A.Azlinna, M. Rusop, S. Abdullah	NANO-SciTech Centre (NST), Institute of Science, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
81	PO81	Effect of Deposition Time on Nanostructured ZnO Thin Films Deposited by RF Magnetron Sputtering	Nor Diyana Md Sin	N.D. Md Sin, M.H. Mamat, M. Rusop	NANO-Electronic Center, Faculty of Electrical Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia

82	PO82	Influence of Deposition Time on Amorphous Carbon Thin Films Performance with Aerosol-Assisted Chemical Vapor Deposition	Nurfadzilah Ahmad	A. N. Fadzilah, K. Dayana, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
83	PO83	Nitrogen doping of Amorphous Carbon by Aerosol-Assisted Chemical Vapor Deposition for Carbon-based Solar Cell Applications	Nurfadzilah Ahmad	A. N. Fadzilah, K. Dayana, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
84	PO84	Electrical Characterization of Metal-Insulator-Semiconductor Capacitors using ZnO Low Deposition Temperature as Semiconductor Layer	Lyly Nyl Ismail	L.N. Ismail, S. A. Harun, S. H. Herman, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
85	PO85	Optical and Structural Properties of Amorphous Carbon Thin Films by Bias Assisted Pyrolysis-CVD	Ishak Annuar	A. Ishak, K. Dayana, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
86	PO86	<i>Centella asiatica</i> Nanoparticle Size Analysis: Comparison Study between Atomic Forces Microscope (AFM) and Photon Correlation Spectroscopy (PCS)	Muhammad Zuhairi Borhan	M.Z. Borhan, N.Z.F. Mukhtar, M. Rusop, and S. Abdullah	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
87	PO87	Fabrication of Silicon Nanowires by Electron Beam Lithography and Thermal Oxidation Size Reduction Method	Tijjani Adam	Tijjani Adam M.Nuzaihan Md Nor and U. Hashim	Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), 01000 Kangar, Perlis, Malaysia
88	PO88	A Study on the Affect of Calcination Temperature on the Graphitization of Carbon Nanotubes Synthesized by the Decomposition of Methane	Tijjani Adam	Tijjani Adam, Wei-Wen Liu, Azizan Aziz, Siang-Piao Chai, Abdul Rahman Mohamed, U. Hashim	Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), 01000 Kangar, Perlis, Malaysia
89	PO89	Formation of Carbon Nanotubes from Methane Decomposition: Effect of Concentration of Fe3O4 on the Diameters Distributions	Tijjani Adam	Tijjani Adam, Wei-Wen Liu, Azizan Aziz, Siang-Piao Chai, Abdul Rahman Mohamed, , U. Hashim	Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), 01000 Kangar, Perlis, Malaysia
90	PO90	Electroluminescence Study on Porous Silicon (Psi) by Varying Etching Time	Zainurul Atikah Zakaria	A.Z.Zainurul, M.Ain Zubaidah, S.Khairunnisa, F.S.Husairi, M.Rusop, S.Abdullah	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
91	PO91	Preparation and Characterizations Cotton Coated Titanium Dioxide, TiO2	Siti Khadijah Mohd Maarof	S.K.M. Maarof, M.G.M. Zufrian, M.F. Achoi, M. Rusop, S. Abdullah	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
92	PO92	Preparation and Characterizations of Nano-hybrid TiO2 /ZnO	Siti Khadijah Mohd Maarof	S.K.M. Maarof, M.G.M. Zufrian, M.F. Achoi, M. Rusop, S. Abdullah	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
93	PO93	The Study Of Zeolite Coated Potassium For Slow Release Fertilizer Application	Nur Zahidatul Fathinah Mukhtar	N.Z.F.Mukhtar, S.N.S.Ithnin, M.Z.Borhan, S.Abdullah, M.Rusop	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia



94	PO94	The Effects of SQDNs Properties Coated By Potassium	Nur Zahidatul Fathinah Mukhtar	N.Z.F.Mukhtar, N.A.Roslan, S.F.M.Yusop, S.Abdullah, M.Rusop	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
95	PO95	Growth of ZnO Nanosturcture on Porous Silicon in Different Concentration of Zn2+ Ion	Kevin Alvin Eswar	K.A. Eswar, F. S. Husairi, A. Azlinda, M. Rusop, S. Abdullah	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
96	PO96	Influence of Cathode Work Functions on the Photovoltaic Properties of MEH-PPV: TiO2 Bulk Heterojunction Solar Cell	Fazlinashatul Suhaidah Zahid	F.S.S.Zahid, M.S.P.Sarah, M.Z.Musa and M.Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
97	PO97	Electrical Properties and Compositional Analysis of ZnO:TiO2 Thin Films by Co-Sputtering	Saurdi Ishak	I. Saurdi, M.H. Mamat, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
98	PO98	AC Conductivity of Hexanoyl Chitosan-Polystyrene-LiCF3SO3 Polymer Electrolytes Added with TiO2 Nano Fillers	Nur Syuhada Mohd Shahril	N.S.M.Shahril, N.S.M.Hanif, F.H.Muhamad, C.H.Chan, Tan Winie	Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah Alam, Selangor
99	PO99	Influence of Iodine Doping on the Properties of Amorphous Carbon Thin Films Deposited from Camphoric Carbon Precursor	Dayana Kamaruzaman	K. Dayana, A.N. Fadzilah, A. Ishak, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
100	PO100	Analysis, characterization and structural studies of nanostructured Pbl2 prepared thermal evaporation	Safaa I. Mohammed	Safaa I. Mohammed, Y. Al- Douri, Naser M. Ahmed, U. Hashim	Institutes of Nano Electronic Engineering, University Malaysia Perlis, 01000 Kangar, Perlis, Malaysia
101	PO101	Small-angle X-ray Diffraction Study of the Thermotropic and Lyotropic Phase Behaviour of 2-decyltetradecyl $\beta$ -D-maltoside	Hairul A. A. Hamid	Hairul A. A. Hamid, Rauzah Hashim, John M. Seddon, Nicholas J. Brooks	Department of Chemistry, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, Malaysia
102	PO102	COMSOL Multiphysics Simulation in Biomedical Engineering	Tijjani Adam	Tijjani Adam and U. Hashim	Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), 01000 Kangar, Perlis, Malaysia
103	PO103	An Investigation on the Formation of Multi-Wall CNT by Thermal CVD	Mohsen Kara	M. H. S. Kara, M. H. Amir, A. A. Emhemed, R. Ahmad, M. R. Mahmood, Z. Awang	Microwave Technology Centre, Faculty of Electrical Engineering, Universiti Teknologi MARA 40450 Shah Alam, Selangor, Malaysia
104	PO104	Performance of Ultraviolet Photoconductive Sensor Based on Aluminium-Doped Zinc Oxide Nanorod-Nanoflake Network Thin Film Using Aluminium Contacts	Mohd Hafiz Mamat	M.H. Mamat, N.D. Md Sin, I. Saurdi, N.N. Hafizah, M.F. Malek, M.Z. Musa, Z. Khusaimi, N. Nafarizal, and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
105	PO105	Effect of Different Solvents on The Optical Properties and Surface Morphology of MEH-PPV Thin Films	N. Y. Zayana	N.Y. Zayana, Z. Shaameri, and M. Rusop	NANO-SciTech Center (NST), Institute of Science, Faculty of Electrical Engineering Universiti Teknologi MARA, 40450 Shah Alam, Malaysia
106	PO106	Study of Optical Properties and Surface Morphology of MEH-PPV Incorporating with Annealed ZnO Nanoparticles	N. Y. Zayana	N.Y. Zayana and M. Rusop	NANO-SciTech Center (NST), Institute of Science, Faculty of Electrical Engineering Universiti Teknologi MARA, 40450 Shah Alam, Malaysia

107	PO107	Surface Morphology of Nano-sized Titanium Dioxide	Nik Noor Hafizah	N.N. Hafizah, C.M.S. Said, Mohd Hanafiah Abidin, M.H. Mamat, and M. Rusop	NANO-SciTech Centre (NST), Institute of Science (IOS); Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
108	PO108	Electroluminescence Behaviour of Organic Light Emitting Diode	Nik Noor Hafizah	N.Hafizah A.Rahman, Azrif Manut, and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
109	PO109	Evaporated Ethanol as Precursor for Carbon Nanotubes Synthesis	Nurulhuda Ismail	I. Nurulhuda, R. Poh, M. Z. Mazatulikhma, and M. Rusop	NANO-SciTech Centre (NST), Institute of Science (IOS); Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
110	PO110	Electrical and Sensing Properties of PVA/MWCNT and PS/MWCNT Composites	Faridah Abdul Razak	Faridah Abdul Razak and Roslan Md. Nor	Department of Physics, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, MALAYSIA
111	PO111	Effect of Butyl Methacrylate Amount on the Synthesis of Latex Nanoparticles	Nur Farahin Hassmoro	N.F. Hassmoro, Hafiz Hassan, M. Rusop, and S. Abdullah	NANO-SciTech Centre (NST), 3Institute of Science (IOS); Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
112	PO112	Enhanced Antioxidant Activity In Wet Mill Nanostructured Zingiber Officinale (Ginger) Rosc Rhizome	Norhidayah Abdullah	A. Norhidayah, A. Noriham, M. Rusop	Faculty of Applied Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
113	PO113	Physical And Thermal Properties Of Zingiber Officinale Rosc. (Ginger) Rhizome Fine Particles As A Function Of Grinding System	Norhidayah Abdullah	A. Norhidayah, A. Noriham, M. Rusop	Faculty of Applied Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
114	PO114	Investigation of Stress and Electrical Properties of Air-Annealed and Oxygen-Annealed Aluminium-Doped Zinc Oxide Nanorod Array	Mohd Hafiz Mamat	M.H. Mamat, N.D. Md. Sin, I. Saurdi, N.N. Hafizah, M.F. Malek, M.Z. Musa, M. N. Asiah, Z. Khusaimi, N. Nafarizal, and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
115	PO115	Anatase And Rutile Phase TiO2 Nanowires Prepared By Hydrothermal Method	Asiah Mohd Nor	M. N. Asiah, M. H. Mamat, Zuraida Khusaimi, S. Abdullah, and M. Rusop	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
116	PO116	3-D AFM Images and Luminescence Properties study of Porous Silicon Nanostructures (PSiNs)	Ain Zubaidah Maslihan	M. Ain Zubaidah, F.S. Husairi, N.A. Asli, S.F.M. Yusop, M. Rusop, S. Abdullah	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
117	PO117	Dispersive - $\mu$ -SPE Using Short Multi-Wall Carbon Nanotube (SMWCNTs) as Sorbent for Determination of Epoxyconazole and Hexaconazole Fungicides in Chillies and Tomatoes by GC-ECD	Nor Suhaila Mohamad Hanafi	N.S.M. Hanapi, Sanagi, M.M, Saim, N, Saaid, M	Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
118	PO118	Formation of ZnO nanoparticulate thin film: Sol gel synthesis and characterisation	Mohd Firdaus Malek	M.F. Malek, M.H. Mamat, M.Z. Sahdan, M.Z. Musa, Z. Khusaimi, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia

119	PO119	Growth and characterisation of nanocrystalline ZnO thin films by dip coating technique	Mohd Firdaus Malek	M.F. Malek, M.H. Mamat, M.Z. Sahdan, M.Z. Musa, Z. Khusaimi, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
120	PO120	Alkaline Peroxide Synergy With Mechanical Refining As Factor In The Development of Efb Paper Properties	Mohd Ridzuan Hafiz Mohd Zukeri	Yunita Megasari Dermawan, Arniza Ghazali, Wan Rosli Wan Daud, Mohd Ridzuan Hafiz Mohd Zukeri and Nurul Hasanah Kamaludin	Bio-resource, Paper and Coatings Technology (BPC) Division, School of Industrial Technology, Universiti Sains Malaysia, 11800 Penang, Malaysia
121	PO121	EFB Nano Fibrous Cells For Paper Smoothing And Improved Printability	Mohd Ridzuan Hafiz Mohd Zukeri	Arniza Ghazali, Yunita Megasari Dermawan, Mohd Ridzuan Hafiz Mohd Zukeri, Rushdan Ibrahim and Salmi Ghazali.	Universiti Sains Malaysia, 11800 Penang, Malaysia
122	PO122	Optical Characterization of Porous Silicon (PS) doped Erbium (Er) using Photoluminescence Spectroscopy	Hafsa Omar	H.Omar, N.K.Sabri, A.A.S.M.Radzi, M.Rusop, S.Abdullah, N.I.Ikhsan	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
123	PO123	Sensing characteristics of PVA- ZnO/SnO2 nanocube humidity sensor prepared by sol-gel immersion technique	Nor Diyana Md Sin	N.D. Md Sin, M.H. Mamat, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
124	PO124	Optical Properties of Nitrogen Doped Nanostructured Titanium Dioxide Thin Films	Norulhuda Abd Rasheid	N.A. Rasheid, M.M. Zahidi, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
125	PO125	Surface Morphology Effects of P-type Semiconductor on the Photovoltaic Characteristics of TiO2/Dye/CuI Solar Cells	Norulhuda Abd Rasheid	N.A. Rasheid, M.N. Amalina, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
126	PO126	Effects of Different Sintering Time on Jc of BSCCO-2223 HTSC with nano-gAl2O3 Addition	Puteri Noor Shafura Megat Mahmud	P.N.S.M. Mahmud, M.M. Jusoh, N.R.M. Suib, S.Y.S.Yahya, I.Hamadneh	Pusat Asasi UiTM, Universiti Teknologi MARA, 42300 Bandar Puncak Alam, Selangor Malaysia
127	PO127	Synthesis Of Bi1.6Pb0.4Sr2Ca2Cu3O10+δ – (Dy2O3)x Added With Magnetic Nanoparticles Dy2O3 Dysprosium Oxide (0.0 < x < 0.1) Via Co - Precipitation Method	Nurul Raihan Mohd Suib	N.R.M. Suib, P.N.S.M. Mahmud, S.Y.S.Yahya, M.M. Jusoh, I.Hamadneh	Pusat Asasi UiTM, Universiti Teknologi MARA, 42300 Bandar Puncak Alam, Selangor Malaysia
128	PO128	Micro-Raman and Field Electron Emission Characterization of Carbon Nanotubes Synthesized From Chicken Fat	Nor Dalila Abd Rahman	A. R. Dalila, A. B. Suriani, M. S. Rosmi, J. Rosly and M. Rusop	Department of Physics, Faculty of Science and Mathematics, Universiti Pendidikan Sultan Idris, 35900 Tanjung Malim, Perak, Malaysia
129	PO129	Preparation and Characterization of Epoxidized 30% Poly(Methyl Methacrylate)Grafted Natural Rubber	Khuzaimah Nazir	K. Nazir, A.F Aziz, S.F Ayob, A.M.M Ali, M.Z.A Yahya	Faculty of Applied Science, Institute of Science, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia
130	PO130	A Review of Potential of Antioxidant Properties Using Persicaria hydropiper	Nadzirah Abu Samah	A.S. Nadzirah, M. Rusop, A. Noriham	Faculty of Applied Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
131	PO131	Antioxidant Properties of Selected Malaysian Herbs: A Review	Nadzirah Abu Samah	A.S. Nadzirah, M. Rusop, A. Noriham	Faculty of Applied Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia

132	PO132	Modified Surface of Titanium Dioxide Thin Film for ss-DNA Detection	Sharifah Nadzirah	Sh. Nadzirah and U. Hashim	Nanostructure Lab-on-chip Research Group, Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), 01000 Kangar, Perlis Malaysia
133	PO133	Synthesis and Film Investigation of Titania	Sharifah Nadzirah	Sh. Nadzirah and U. Hashim	Nanostructure Lab-on-chip Research Group, Institute of Nano Electronic Engineering, Universiti Malaysia Perlis (UniMAP), 01000 Kangar, Perlis Malaysia
134	PO134	Electrodeposition of Multiwall Carbon Nanotube Films on Silicon Substrates	Mohammad Wahidur Rahman	Muhammad Athar Uddin, Mohammad Wahidur Rahman, Tanvir Mustofa, Ahmedullah Aziz, Samia Safa, Md. Saifuddin, Zahid Hasan Mahmood, T. Soga and Sharif M Mominuzzaman	Department of Electrical and Electronic Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000, Bangladesh
135	PO135	Characterization of ZrO <sub>2</sub> /PEG Composite Film as Immobilization Matrix for Glucose Oxidase	Nor Monica Ahmad	N.M. Ahmad, J. Abdullah, N. I. Ramli, S. Abd Rahman, N.E. Azmi, Z. Hamzah, A. Saat	Faculty of Applied Science, UiTM Negeri Sembilan 72 000 Negeri Sembilan, Malaysia
136	PO136	The Structural Dynamics of Molybdenum Complex under Catalyst Activation Condition using in-situ Techniques	Durga Devi A/P Suppiah	D.D. Suppiah, F. Abdul Hamid and S.B. Abd Hamid	Nanotechnology and Catalysis Research Centre (NANOCAT), Blok 3A, Institute of Postgraduate Studies Building, University Malaya, 50603 Kuala Lumpur, Malaysia
137	PO137	Enhanced Radical Scavenging Activity by BHT-functionalized Gold Nanoparticles	Wageeh Abdulhadi Yehye	W. A.Yehye, F. A. Kadir, S.Bagheri, S. B. Abd Hamid	Nanotechnology and Catalysis Research Centre (NANOCAT), Blok 3A, Institute of Postgraduate Studies Building, University Malaya, 50603 Kuala Lumpur, Malaysia
138	PO138	Efficient Phosphotungstic Acid-Mediated Selective Conversion of Cellulose into Glucose	Jayant R. Indurkar	J. R. Indurkar, N. A. Kadir, S.B. Abd Hamid	Nanotechnology and Catalysis Research Centre (NANOCAT), Blok 3A, Institute of Postgraduate Studies Building, University Malaya, 50603 Kuala Lumpur, Malaysia
139	PO139	Template-free hydrothermal synthesis of CuS hexagonal plates for aqueous mercury removal	Yap Pei Lay	P.L Yap, Y.L. Auyoong, S.B. Abd Hamid	Nanotechnology and Catalysis Research Centre (NANOCAT), Blok 3A, Institute of Postgraduate Studies Building, University Malaya, 50603 Kuala Lumpur, Malaysia
140	PO140	Chemically Modified Multiwall Carbon Nanotubes (MWCNTs) for Adsorption of Mercury	Nuruzatulifah Asari @ Mansor	N. Asari @ Mansor, S.B. Abd Hamid	Nanotechnology and Catalysis Research Centre (NANOCAT), Blok 3A, Institute of Postgraduate Studies Building, University Malaya, 50603 Kuala Lumpur, Malaysia
141	PO141	Synthesis and Characterization of Carbon Supported Pd-Cu Bimetallic Catalyst for the Oxidation of 1-octene with tert-butyl Peroxide	Muhammad Imran	M. Imran, J. Indurkur, M. Mazhar, S. B. Abd Hamid	Nanotechnology and Catalysis Research Centre (NANOCAT), Blok 3A, Institute of Postgraduate Studies Building, University Malaya, 50603 Kuala Lumpur, Malaysia

142	PO142	Application of Nanomaterial in Immunosensors Development for Tungro Virus Detection	Tijjani Adam	Tijjani Adam, M.N.A.Uda, Hasfalina Che Man, Faridah.S, Zamri.I, U.Hashim and Shahrul A. B Ariffin	Department of Biology and Agriculture Engineering, Faculty of Engineering, Universiti Putra Malaysia, Serdang 43400, Selangor
143	PO143	Negative Pattern Scheme (NPS) design for Nanowire Formation Using Scanning Electron Microscope Based Electron Beam Lithography Technique	Tijjani Adam	Tijjani Adam, M.Nuzaihan Md Nor, Uda Hashim	Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
144	PO144	Study the crystalline characteristic of ZnO nanostructure through annealing at various temperature	Tijjani Adam	Tijjani Adam, U. Hashim, R. Haarindra Prasad, and Mohd Shafiq	Biomedical Nano diagnostics Research Group, Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
145	PO145	Mask Design and Simulation: Computer Aided Design for Lab-On-Chip Application	Tijjani Adam	Tijjani Adam, Veeradasan Perumal and U. Hashim	Biomedical Nano diagnostics Research Group, Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
146	PO146	Conventional Photolithography and Process Optimization of Pattern-Size Expansion Technique for Nanogap Biosensor Fabrication	Tijjani Adam	Tijjani Adam, B. Sharma Rao, M. N. Asri, U. Hashim	Biomedical Nano diagnostics Research Group, Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
147	PO147	Fabrication and characterization of IDE based sensor through conventional lithography method	Tijjani Adam	Tijjani adam, U. Hashim, R. Haarindra Prasad, and Mohd Shafiq	Biomedical Nano diagnostics Research Group, Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
148	PO148	Mask Design and Fabrication of Micro/Nanowire Biochip for Reliable and Repeatability Pattern Transfer	Tijjani Adam	Tijjani Adam, Veeradasan Perumal and U. Hashim	Biomedical Nano diagnostics Research Group, Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
149	PO149	Post Heat Treatment in Different Temperatures of ZnO Thin Film on Porous Silicon	Salifairus Mohammad Jafar	Salifairus Mohammad Jafar, Kevin Alvin Eswar, Mohamad Rusop, Saifollah Abdullah	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
150	PO150	Raman Spectroscopy and Microscopy Study of Carbon Nanotubes Prepared at Different Deposition Temperature using Camphor Oil as a Precursor	Salifairus Mohammad Jafar	M. J. Salifairus, M. S. Shamsudin, M. Maryam, and M. Rusop	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
151	PO151	Inhibitory Effect of Multiwall Carbon Nanotubes on SH-SY5Y Cells	Nurulhuda Ismail	I. Nurulhuda, R. Poh, M. Z. Mazatulikhma and M. Rusop	NANO-SciTech Centre, Institute of Science, UniversitiTeknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
152	PO152	Nanotechnology Approach on the Fabrication of Amorphous Carbon Based Solid State Solar Cell from Natural Sources	Mohamad Rusop Mahmood	A. Ishak, K. Dayana, A.N. Fadzilah, and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia

153	PO153	Two-layer Yeast Model for Single Cell Injection	Abdul Hafiz Mat Sulaiman	A.H.M. Sulaiman, M. H. Rahman, A.A. Khalili, M.R. Ahmad	Department of Control and Mechatronic Engineering, Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Skudai, Johor, 81310, Malaysia
154	PO154	Effects of Surface Texturing on the Silicon/Germanium Superlattice Solar Cells	Ahmad Aizan Zulkefle	A.A. Zulkefle, M. Zainon, Z. Zakaria, K. Sopian, N. Amin	Solar Energy Research Institute, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor, MALAYSIA
155	PO155	Cell adhesion measurement techniques for biological applications: A review	Amelia Ahmad Khalili	A. A. Khalili, A. H. M. Sulaiman, M. H. Rahman, and M. R. Ahmad	Dept. of Control and Mechatronic Engineering, Faculty of Electrical Eng., Universiti Teknologi Malaysia, 81310 Skudai, Johor, Malaysia
156	PO156	Preparation and Characterization of Graphene Oxide Nanosheets through Chemical Exfoliation Technique	Mohamad Saufi Rosmi	M. S. Rosmi, M. Aziz, A. B. Suriani, A.R. Dalila, M. Rusop	Department of Chemistry, Faculty of Science,Universiti Teknologi Malaysia, 81310, Skudai, Johor, Malaysia
157	PO157	Assessment of the Adsorption of Supra Sumifix Blue by Nanoparticle Hematite Extracted from Steel Mill Industrial Waste	Mohamad Saufi Rosmi	Z. Abdul Majid, F. W. Hong, M. S. Rosmi, N. Ismail, A. B. Suriani, A.R. Dalila, M. Rusop	Department of Chemistry, Faculty of Science,Universiti Teknologi Malaysia, 81310, Skudai, Johor, Malaysia
158	PO158	Performance of MEMS Gas Sensor Fabricated Using ZnO Thin Film	Mohd Hannas Hosnon	M.Hannas, AzrifManut, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
159	PO159	Investigation on the Effect of Annealing Temperature to the Properties of ZnO/Au/Si Grown by Immersion Method	Azlinda Ab Aziz	Azlinda Ab Aziz, Zuraida Khusaimi, Mohamad Rusop	NANO-SciTech Centre (NST), Institute of Science, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
160	PO160	Temperature Dependent Photoluminescence Properties of ZnO Nano-Porous Grown on Gold-Seeded Si Substrate	Azlinda Ab Aziz	Azlinda Ab Aziz, Zuraida Khusaimi, Mohamad Rusop	NANO-SciTech Centre (NST), Institute of Science, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
161	PO161	Inhibitory Effect of Silver Nanoparticles on Biofilm Formation in Pseudomonas Aeruginosa	P. Navindra Kumari	P. Navindra Kumari, Nas Ferina, Athirah Nur Amirulhusni, Zaini Mohd-Zain, Liew Jian Ping, R. Durairaj	Faculty of Medicine, Universiti Teknologi MARA (UiTM), Sg. Buloh, Selangor
162	PO162	Transport properties of gel polymerelectrolytesbased on 30% poly (methilmethacrylate) modifiednaturalrubber (MG30)	Nur Hamidah Mohd Zaki	N.H.M Zaki, Z.S Mahmud, N.I Adam, M.Z.A Yahya and Ab Malik Marwan Ali	Faculty of Applied Sciences, UniversitiTeknologi MARA, 40450 Shah Alam, Selangor
163	PO163	Aligned Zinc Oxide Nanorod Arrays Metal-Semiconductor Field Effect Transistor	Dr. Salina Muhamad	M. Salina, A.B. Suriani, R. Ahmad and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
164	PO164	Effect of Grinding Time on the Formation of Silicon Quantum Dots Nanoparticles	Shamsul Faez Mohamad Yusop	S.F.M. Yusop, S. Abdullah, M. Rusop	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
165	PO165	Structural and Optical Analysis of Porous Silicon by FESEM, Raman, Photoluminescence and FTIR Spectroscopy	Shamsul Faez Mohamad Yusop	S.F.M. Yusop, S. Abdullah, M. Rusop	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.

166	PO166	The properties of nanowires prepared by magnetron sputtering: A review	Hafsa Omar	H.Omar, M.Rusop, S.Abdullah	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
167	PO167	Formation of biphasic organic-inorganic nanohybrid via simultaneous intercalation of 2-(4-chlorophenoxy)-2-methyl propionate and $\beta$ -2-naphtoxyacetate into zinc-aluminium-layered double hydroxide	Sheikh Ahmad Izaddin Sheikh Mohd Ghazali	A.Ahmad, S.A.I.S.M.Ghazali, Z.Jubri, S.H.Sarijo	Faculty of Applied Science,Universiti Teknologi MARA,40450,Shah Alam, Selangor,Malaysia
168	PO168	Synthesis of Zinc-Aluminium-2,4,5-Trichlorophenoxybutyrate Nanocomposite by Using Ion-Exchange Method	Sheikh Ahmad Izaddin Sheikh Mohd Ghazali	S.A.I.S.M.Ghazali, M.Z.Hussein, S.H.Sarijo	Faculty of Applied Science,Universiti Teknologi MARA,40450,Shah Alam, Selangor,Malaysia
169	PO169	A Mini Review: Corrosion Inhibitor-Nanotechnology Approach	Jumardi Abu Bakar	Jumardi Abu Bakar and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
170	PO170	A Mini Review: Different Nanostructured Coating Technique in Mild Steel Technology	Jumardi Abu Bakar	Jumardi Abu Bakar and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
171	PO171	The Properties of ITO/Arc-Zno Passivating Layer for TCO Conducting Substrate Deposited by RF Magnetron Sputtering	Mohd Hanapiah Abdullah	M. H. Abdullah, L.N. Ismail, M. Z. Musa, M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
172	PO172	Piezoelectric-actuated Vibrating Rigid Nanoneedle for Single Cell Wall Cutting	Md Habibur Rahman	M.H. Rahman, A.H.M. Sulaiman, A.A. Khalili, M.R. Ahmad	Dept. of Control and Mechatronic Engineering, Faculty of Electrical Eng., Universiti Teknologi Malaysia, 81310 Skudai, Johor, Malaysia
173	PO173	A Review on DSSC Solar Cell Using Nano-Structured TiO2 Thin Film as an Active Layer	Muhammad Irwan Ridzuan	M. I. Ridzuan and M. Rusop	NANO-ElecTronic Centre (NET), Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia
174	PO174	AC Ionic Conductivity and DC Polarization Method of Lithium Ion Transport in Cellulose Acetate:LiBOB Polymer Gel Electrolytes	Siti Zafirah Zainal Abidin	S.Z.Z. Abidin, M.Z.A. Yahya, A.M.M. Ali, O.H. Hassan	Faculty of Applied Sciences, Universiti Teknologi Mara, 40450 Shah Alam, Selangor, Malaysia
175	PO175	Thin Film Thickness and Uniformity Measurement for Lab-On-Chip based Nanoelectrode Biosensor Development	Tijjani Adam	Tijjani Adam, B. Sharma Rao, U. Hashim	Biomedical Nano diagnostics Research Group, Institute of Nanoelectronic Engineering (INEE), Universiti Malaysia Perlis (UniMAP) 01000 Kangar Perlis Malaysia.
176	PO176	Effects of Etching Parameters on Multilayer Porous Silicon Bragg Gratings Structure	Ahmad Affif Safwan Mohd Radzi	A. A. S. M. Radzi, N. I. Ikhsan, M. Rusop and S. Abdullah	NANO-SciTech Centre, Institute of Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
177	PO177	Morphological, Structural and Optical Properties of Mg doped ZnO Nanocrystallites Growth by Aqueous Solution Method	Ruziana Mohamed	R. Mohamed, Z. Khussaimi, A.N. Afaah, A. Aadila, M. Rusop	Faculty of Applied Sciences, Universiti Teknologi MARA Pahang, Jengka, Pahang, Malaysia

178	<b>PO178</b>	<b>Preparation of <i>Fumaric</i> acid and Surfactant Modified Multiwall Carbon Nanotube Paste Electrode and its Application to Sensitive Determination of Dopamine</b>	<b>J. G. Manjunatha</b>	J. G. Manjunatha, M. Deraman, Nur Hamizah Basri and S.M.N. Najah	School of Applied Physics, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia
179	<b>PO179</b>	<b>Investigating the Load Transfer Efficiency in Carbon Nanotube/Polymer Composites using Representative Volume Elements</b>	<b>Ehsan Mohammadpour</b>	Ehsan Mohammadpour and Mokhtar Awang	Mechanical Engineering Department, Universiti Teknologi PETRONAS, 31750 Seri Iskandar, Perak, Malaysia
180	<b>PO180</b>	<b>Synthesis of graphene oxide by chemical reduction method: Functionalized with 1, 1, 3, 3-tetramethyl disiloxane</b>	<b>Chandrappa K.G</b>	Chandrappa K. G., Samira Bagheri, Sharifah Bee Abd Hamid	Nanotechnology & catalysis research centre (NANOCAT), IPS Building, University of Malaya, 50603 Kuala Lumpur, Malaysia