# Kamarulazizi Ibrahim

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 174 papers | 1,509 citations | 20 h-index | 29 g-index |
| 199 ext. papers | 1,724 ext. citations | 2.5 avg, IF | 4.78 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 174 | A high-performance near-infrared photodetector based on □SnS phase. *Materials Letters*, **2020**, 273, 127910 | 3.3 | 8 |
| 173 | Flexible and high-performance broadband nanoflowers tin sulfide photodetector. *Applied Physics A: Materials Science and Processing*, **2020**, 126, 1 | 2.6 | 5 |
| 172 | Tin Sulfide Flower-Like Structure as High-Performance Near-Infrared Photodetector. *Journal of Electronic Materials*, **2020**, 49, 5824-5830 | 1.9 | 3 |
| 171 | Dependence of pH on phase stability, optical and photoelectrical properties of SnS thin films. *Superlattices and Microstructures*, **2019**, 128, 170-176 | 2.8 | 9 |
| 170 | Comprehensive photoresponse study on high performance and flexible □SnS photodetector with near-infrared response. *Materials Science in Semiconductor Processing*, **2019**, 100, 270-274 | 4.3 | 11 |
| 169 | Growth and Characterization of Tin Sulphide Nanostructured Thin Film by Chemical Bath Deposition for Near-Infrared Photodetector Application. *Solid State Phenomena*, **2019**, 290, 220-224 | 0.4 | 5 |
| 168 | Effect Grinding of Graphite on Structural and Morphological Characteristics of Carbon Nanotubes Grown by Microwave Oven. *Solid State Phenomena*, **2019**, 290, 122-126 | 0.4 | 2 |
| 167 | Controlled High Filler Loading of Functionalized Al2O3-Filled Epoxy Composites for LED Thermal Management. *Journal of Materials Engineering and Performance*, **2018**, 27, 1296-1307 | 1.6 | 10 |
| 166 | High performance and low-cost UV□Visible□NIR photodetector based on tin sulphide nanostructures. *Journal of Alloys and Compounds*, **2018**, 735, 2256-2262 | 5.7 | 32 |
| 165 | Enhanced thermal and mechanical properties of epoxy composites filled with hybrid filler system of aluminium nitride and boron nitride. *Polymer Composites*, **2018**, 39, E1372-E1380 | 3 | 13 |
| 164 | Influence of pH value on structural, optical and photoresponse properties of SnS films grown via chemical bath deposition. *Materials Letters*, **2018**, 210, 279-282 | 3.3 | 24 |
| 163 | A High-Sensitivity Hydrogen Gas Sensor Based on Carbon Nanotubes Fabricated on Glass Substrate. *Journal of Electronic Materials*, **2018**, 47, 6671-6680 | 1.9 | 11 |
| 162 | Control of Phase, Structural and Optical Properties of Tin Sulfide Nanostructured Thin Films Grown via Chemical Bath Deposition. *Journal of Electronic Materials*, **2017**, 46, 4227-4235 | 1.9 | 16 |
| 161 | High performance near infrared photodetector based on cubic crystal structure SnS thin film on a glass substrate. *Materials Letters*, **2017**, 200, 10-13 | 3.3 | 45 |
| 160 | Improved thermal and mechanical properties of aluminium oxide filled epoxy composites by reinforcing milled carbon fiber by partial replacement method. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 13487-13495 | 2.1 | 8 |
| 159 | Flexible low□cost infrared photodetector based on SnS thin film grown by chemical bath deposition. *Materials Research Express*, **2017**, 4, 105033 | 1.7 | 14 |
| 158 | Semiconductor□superconductor phase transition of the compound LaO0.89F0.11FeSb. *Phase Transitions*, **2017**, 1-5 | 1.3 | |

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|---|---|---|---|
| 157 | DEPOSITION AND CHARACTERIZATION OF MAGNETRON CO-SPUTTERED InAlN FILM AT DIFFERENT Ar:N2 GAS FLOW RATIOS. *Surface Review and Letters*, **2017**, 24, 1750027 | 1.1 | 1 |
| 156 | Growth of AlInN film on GaAs substrate and its application to MSM UV photodetector. *Materials Research Express*, **2016**, 3, 085904 | 1.7 | 8 |
| 155 | Effect of sulfurization time on the properties of copper zinc tin sulfide thin films grown by electrochemical deposition. *Scientific Reports*, **2016**, 6, 32431 | 4.9 | 56 |
| 154 | Thermal and mechanical properties of epoxy composite filled with binary particle system of polygonal aluminum oxide and boron nitride platelets. *Journal of Materials Science*, **2016**, 51, 7415-7426 | 4.3 | 42 |
| 153 | Influence of substrate temperature on the growth and properties of reactively sputtered In-rich InAlN films. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 4281-4289 | 2.1 | 11 |
| 152 | A new framework for integrated climate finance and inclusive responses to sustainable development in Malaysia. *Geomatics, Natural Hazards and Risk*, **2016**, 7, 1754-1768 | 3.6 | 5 |
| 151 | Effect of film thickness on the surface, structural and electrical properties of InAlN films prepared by reactive co-sputtering. *Materials Science in Semiconductor Processing*, **2016**, 43, 96-103 | 4.3 | 15 |
| 150 | Synthesis and characterization thin films of conductive polymer (PANI) for optoelectronic device application **2016**, | | 4 |
| 149 | A highly sensitive flexible SnS thin film photodetector in the ultraviolet to near infrared prepared by chemical bath deposition. *RSC Advances*, **2016**, 6, 114980-114988 | 3.7 | 62 |
| 148 | Selection criteria for oil transformer measurements to calculate the Health Index. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2016**, 23, 3397-3404 | 2.3 | 11 |
| 147 | Fabrication of micro-array of Fresnel rings on Si by electron beam lithography and reactive ion etching. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1 | 2.6 | 3 |
| 146 | Antarctic values and Malaysia's involvement in Antarctica: perceptions among young citizens of Malaysia. *Polar Record*, **2016**, 52, 305-315 | 0.5 | 6 |
| 145 | A comparative study on the growth of InAlN films on different substrates. *Materials Science in Semiconductor Processing*, **2016**, 51, 8-14 | 4.3 | 20 |
| 144 | Sustaining Small Entrepreneurs Through a Microcredit Program in Penang, Malaysia: A Case Study. *Journal of Human Behavior in the Social Environment*, **2015**, 25, 182-191 | 1 | 8 |
| 143 | Electrodeposited ZnS Precursor Layer with Improved Electrooptical Properties for Efficient Cu2ZnSnS4 Thin-Film Solar Cells. *Journal of Electronic Materials*, **2015**, 44, 3380-3387 | 1.9 | 8 |
| 142 | Structural and surface characterization of magnetron sputtered In1−xAlxN films grown on GaAs substrates. *Materials Letters*, **2015**, 154, 12-16 | 3.3 | 5 |
| 141 | Post-deposition annealing of magnetron sputtered InAlN film at different temperatures. *Journal of Alloys and Compounds*, **2015**, 640, 260-266 | 5.7 | 8 |
| 140 | Effects of indium mole fraction on the physical characteristics of magnetron sputtered InxAl1−xN films. *Journal of Alloys and Compounds*, **2015**, 652, 407-414 | 5.7 | 15 |

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|---|---|---|---|
| 139 | Growth of AlInN films via elemental layers annealing at different temperatures. *Modern Physics Letters B*, **2015**, 29, 1550169 | 1.6 | 3 |
| 138 | INFLUENCE OF ANNEALING TREATMENT ON THE PHYSICAL PROPERTIES OF InAlN FILMS. *Surface Review and Letters*, **2015**, 22, 1550062 | 1.1 | 1 |
| 137 | Comparative Study of AFM and FESEM for Imaging the Single Cell of Escherichia Coli Bacteria. *Journal of Nano Research*, **2015**, 34, 61-66 | 1 | 0 |
| 136 | Influence of substrate temperature on the properties of electrodeposited kesterite Cu2ZnSnS4 (CZTS) thin films for photovoltaic applications. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 222-228 | 2.1 | 14 |
| 135 | Electrical properties and surface morphology of electron beam evaporated p-type silicon thin films on polyethylene terephthalate for solar cells applications **2015**, | | 1 |
| 134 | Concept of Bee-Eyes Array of Fresnel Lenses as a Solar Photovoltaic Concentrator System. *Journal of Photonics*, **2015**, 2015, 1-6 | | 2 |
| 133 | Formation of scandium nitride (ScN) layer on gallium arsenide (GaAs) substrate using a combined technique of e-beam evaporator and ammonia annealing treatment. *Applied Surface Science*, **2015**, 359, 589-592 | 6.7 | 3 |
| 132 | The effect of dopant concentration on properties of transparent conducting Al-doped ZnO thin films for efficient Cu2ZnSnS4 thin-film solar cells prepared by electrodeposition method. *Applied Nanoscience (Switzerland)*, **2015**, 5, 993-1001 | 3.3 | 52 |
| 131 | New issue of GaN nanoparticles solar cell. *Current Applied Physics*, **2015**, 15, 499-503 | 2.6 | 5 |
| 130 | BN thin film as thermal interface mateiral for high power LED: thermal resistance and optical analysis. *Optical and Quantum Electronics*, **2014**, 46, 337-344 | 2.4 | 9 |
| 129 | The effective role of time in synthesising InN by chemical method at low temperature. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 1376-1380 | 2.1 | 2 |
| 128 | Dependence of the properties of copper zinc tin sulfide thin films prepared by electrochemical deposition on sulfurization temperature. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 857-863 | 2.1 | 17 |
| 127 | Aqueous synthesis of visible-light photoactive cuboid Cu2ZnSnS4 nanocrystals using rotary evaporation. *Materials Letters*, **2014**, 125, 195-197 | 3.3 | 5 |
| 126 | Development of a low cost roll-to-roll nanoimprint lithography system for patterning 8-inch wide flexible substrates. *International Journal of Nanotechnology*, **2014**, 11, 520 | 1.5 | 2 |
| 125 | Influence of triangle wave pulse on the properties of Cu 2 ZnSnS 4 thin films prepared by single step electrodeposition. *Solar Energy Materials and Solar Cells*, **2014**, 130, 91-98 | 6.4 | 29 |
| 124 | Low electric field DNA separation and in-channel amperometric detection by microchip capillary electrophoresis. *IET Nanobiotechnology*, **2014**, 8, 77-82 | 2 | 7 |
| 123 | Low-temperature solution-processed flexible solar cells based on (In,Ga)N nanocubes. *ACS Applied Materials & Interfaces*, **2014**, 6, 9925-31 | 9.5 | 6 |
| 122 | Growth of polycrystalline indium aluminum nitride thin films on silicon (111) substrates. *Materials Science in Semiconductor Processing*, **2014**, 27, 975-984 | 4.3 | 9 |

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|---|---|---|---|
| 121 | Solvent solution-dependent properties of nonstoichiometric cubic Cu2ZnSnS4 nanoparticles. *Chemical Physics Letters*, **2014**, 608, 393-397 | 2.5 | 15 |
| 120 | Synthesis of aluminium indium nitride (AlInN) thin films by stacked elemental layers method. *EPJ Applied Physics*, **2014**, 67, 10301 | 1.1 | 4 |
| 119 | Structural and surface analysis of AlInN thin films synthesized by elemental stacks annealing. *Materials Research Express*, **2014**, 1, 026403 | 1.7 | 5 |
| 118 | Effect of complexing agents on the electrodeposition of Cu□ZnSn metal precursors and corresponding Cu2ZnSnS4-based solar cells. *Journal of Electroanalytical Chemistry*, **2014**, 735, 129-135 | 4.1 | 24 |
| 117 | Influence of precursor thin films stacking order on the properties of Cu2ZnSnS4 thin films fabricated by electrochemical deposition method. *Superlattices and Microstructures*, **2014**, 76, 339-348 | 2.8 | 17 |
| 116 | Fabrication of micropressure sensor using SU-8/silver as piezoresistor and overhead projector transparency as substrate. *Journal of Micro/ Nanolithography, MEMS, and MOEMS*, **2014**, 13, 043009 | 0.7 | |
| 115 | Far-infrared probe of energy gap in LaO1□FxFeGe compound. *Phase Transitions*, **2014**, 87, 236-242 | 1.3 | |
| 114 | Characterizations of Electron Beam Evaporated Silicon Thin Films on Plastic Substrates for Solar Cells Applications. *Advanced Materials Research*, **2014**, 925, 543-547 | 0.5 | 0 |
| 113 | Time growing comparison for ZnO nanorod by using microwave irradiation method. *Journal of Sol-Gel Science and Technology*, **2014**, 72, 369-374 | 2.3 | 4 |
| 112 | Plasma Pre-Treatment of Polyethylene Terephthalate Substrate Influence on the Properties of ZnO Thin Film. *Advanced Materials Research*, **2014**, 895, 41-44 | 0.5 | 1 |
| 111 | Formation of SiO2 surface textures via CHF3/Ar plasma etching process of poly methyl methacrylate self-formed masks. *Vacuum*, **2014**, 101, 67-70 | 3.7 | 7 |
| 110 | 11. The institutional dimension of sustainability: policy response for enhanced practice at Universiti Sains Malaysia **2014**, 175-188 | | 6 |
| 109 | Growth of ZnO nanorod on flexible polyethylene terephthalate substrate by chemical bath deposition and microwave method. *Environmental Science and Engineering*, **2014**, 845-846 | 0.2 | 1 |
| 108 | Synthesis of Cubic Indium Oxide Thin Film by Microwave Irradiation. *Environmental Science and Engineering*, **2014**, 841-843 | 0.2 | |
| 107 | Ag□Al alloy thin film on plastic substrate by screen printing for solar cell back contact application. *Materials Science in Semiconductor Processing*, **2013**, 16, 593-597 | 4.3 | 11 |
| 106 | Fabricated nano-fiber diameter as liquid concentration sensors. *Results in Physics*, **2013**, 3, 91-96 | 3.7 | 7 |
| 105 | Optical and structural properties of indium nitride nanoparticles synthesized by chemical method at low temperature. *Solar Energy*, **2013**, 97, 614-619 | 6.8 | 10 |
| 104 | Structural and optical characterization of InGaN nanoparticles synthesized at low temperature. *Materials Letters*, **2013**, 99, 128-130 | 3.3 | 3 |

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|---|---|---|---|
| 103 | Fabrication and characterization of zinc oxide anti-reflective coating on flexible thin film microcrystalline silicon solar cell. *Optik*, **2013**, 124, 5397-5400 | 2.5 | 11 |
| 102 | Development with a difference: neo-disaster risk management for sustainable development. *Geomatics, Natural Hazards and Risk*, **2013**, 4, 187-192 | 3.6 | 4 |
| 101 | Heat transfer in high-power LED with thermally conductive particle-filled epoxy composite as thermal interface material for system-level analysis **2013**, | | 2 |
| 100 | Enhancing MQW violet InGaN laser diode characteristics with a quaternary Al In Ga1 N blocking layer. *Optik*, **2013**, 124, 184-187 | 2.5 | |
| 99 | Cubic and hexagonal GaN nanoparticles synthesized at low temperature. *Superlattices and Microstructures*, **2013**, 64, 70-77 | 2.8 | 6 |
| 98 | Effects of quantum confined stark effect and well thickness on optical properties of double quantum wells violet InGaN laser diodes. *Optik*, **2013**, 124, 292-296 | 2.5 | 2 |
| 97 | SU-8 piezoresistive microcantilever with high gauge factor. *Micro and Nano Letters*, **2013**, 8, 123-126 | 0.9 | 7 |
| 96 | Surface modification of polydimethylsiloxane microchannel using air plasma for DNA capillary migration in polydimethylsiloxane glass microfluidic devices. *Micro and Nano Letters*, **2013**, 8, 305-307 | 0.9 | 3 |
| 95 | Synthesized and Characterization of Cu2ZnSnS4 (CZTS) Thin Films Deposited by Electrodeposition Method. *Applied Mechanics and Materials*, **2013**, 343, 85-89 | 0.3 | 4 |
| 94 | Simulation of influence ternary AlGaN and quaternary AlInGaN blocking layers on temperature characteristic of double quantum well violet InGaN laser diodes. *Optik*, **2012**, 123, 185-187 | 2.5 | 0 |
| 93 | Numerical ray tracing through a modified cladding fiber optic segment sensors. *Optik*, **2012**, 123, 860-862 | 2.5 | 2 |
| 92 | Atomic force microscopy investigation of surface roughness generated between SiO2 micro-pits in CHF3/Ar plasma. *Superlattices and Microstructures*, **2012**, 51, 597-605 | 2.8 | 5 |
| 91 | Surface morphology and structural analysis of fluorocarbon nano-rings formation through EBL and SiO2 plasma etching. *Vacuum*, **2012**, 86, 1284-1288 | 3.7 | 1 |
| 90 | Comparative study of the properties of ZnO thin films deposited on poly propylene carbonate (PPC) and glass substrates. *Journal of Materials Science*, **2012**, 47, 1972-1976 | 4.3 | 4 |
| 89 | Transition temperature model based on specific heat data of an FeAs-based superconductor. *Phase Transitions*, **2012**, 85, 768-776 | 1.3 | 1 |
| 88 | Realization of partial discharge signals in transformer oils utilizing advanced computational techniques. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2012**, 19, 1971-1981 | 2.3 | 13 |
| 87 | Fabrication and characterization of thin-film Cu (In, Ga) Se2 solar cells on a PET plastic substrate using screen printing. *Materials Science in Semiconductor Processing*, **2012**, 15, 165-173 | 4.3 | 20 |
| 86 | Effects of Ga concentration on structural and electrical properties of screen printed-CIGS absorber layers on polyethylene terephthalate. *Materials Science in Semiconductor Processing*, **2012**, 15, 206-213 | 4.3 | 18 |

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|---|---|---|---|
| 85 | Fabrication of 20 nm deep silicon dioxide channel using electron beam lithography for manipulation of DNA molecules **2012**, | | 1 |
| 84 | ZnO Metal-Semiconductor-Metal UV Photodetectors on PPC Plastic with Various Metal Contacts **2012**, | | 2 |
| 83 | Properties of Ag layered in Te/Cd stack prepared by stacked elemental layer method. *Electronic Materials Letters*, **2012**, 8, 263-268 | 2.9 | 2 |
| 82 | Comparison of cadmium sulfide thin films deposited on glass and polyethylene terephthalate substrates with thermal evaporation for solar cell applications. *Journal of Materials Science: Materials in Electronics*, **2012**, 23, 1219-1223 | 2.1 | 13 |
| 81 | Nano-Optical Fiber Evanescent Field Sensors. *Advanced Materials Research*, **2012**, 626, 1027-1032 | 0.5 | 3 |
| 80 | Resistive transition of the compound LaO0.89F0.11FeGe at 20 K. *Phase Transitions*, **2012**, 85, 777-780 | 1.3 | 2 |
| 79 | Properties of Aluminium Thin Films on Polyethylene Terephthalate Substrates as Back Contacts in Thin Film Silicon Solar Cells. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2012**, 61, 669-678 | 3 | 7 |
| 78 | Synthesis and Properties of Sb Layered Te/Cd Stack Prepared by Elemental Stack Method. *Advanced Materials Research*, **2012**, 488-489, 76-81 | 0.5 | 0 |
| 77 | Optical and Electrical Properties of Indium Tin Oxide (ITO) Thin Films Prepared by Thermal Evaporation Method on Polyethylene Terephthalate (PET) Substrate. *Advanced Materials Research*, **2012**, 545, 393-398 | 0.5 | 6 |
| 76 | Properties of Aluminium Thin Films on Polyimide Plastics as Back Contacts in Thin Film Silicon Solar Cells. *Advanced Materials Research*, **2012**, 620, 474-479 | 0.5 | 4 |
| 75 | Electrical and morphological analysis of oxygen plasma treated Zn metal thin films. *EPJ Applied Physics*, **2012**, 58, 10802 | 1.1 | 1 |
| 74 | Formation of ZnO nanorod arrays on polytetraflouroethylene (PTFE) via a seeded growth low temperature hydrothermal reaction. *Journal of Alloys and Compounds*, **2011**, 509, 820-826 | 5.7 | 16 |
| 73 | Oxidation of etched Zn foil for the formation of ZnO nanostructure. *Journal of Alloys and Compounds*, **2011**, 509, 6806-6811 | 5.7 | 30 |
| 72 | Enhance Carrier Density Distributions between Double Quantum Wells Violet Ingan Laser Diode by Using Alingan as a Blocking Layer. *IOP Conference Series: Materials Science and Engineering*, **2011**, 17, 012020 | 0.4 | |
| 71 | Optical and Structural Properties of Thermally Evaporated Zinc Oxide Thin Films on Polyethylene Terephthalate Substrates. *International Journal of Polymer Science*, **2011**, 2011, 1-4 | 2.4 | 25 |
| 70 | Improved performance of solar cell based on porous silicon surfaces. *Optik*, **2011**, 122, 2075-2077 | 2.5 | 21 |
| 69 | Particle swarm optimization feature selection for the classification of conducting particles in transformer oil. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2011**, 18, 1897-1907 | 2.3 | 29 |
| 68 | Surface Morphology and Structural Properties of Silver Thin Films Prepared on Polyethylene Terephthalate (PET) Substrate by Screen Printing Technique. *Advanced Materials Research*, **2011**, 364, 110-114 | 0.5 | 3 |

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|---|---|---|---|
| 67 | The effect of anti-reflection coating of porous silicon on solar cells efficiency. *Optik*, **2011**, 122, 1462-1465 | 2.5 | 33 |
| 66 | Investigation of the optical and structural properties of thermally evaporated cadmium sulphide thin films on polyethylene terephthalate substrate. *Materials Science in Semiconductor Processing*, **2011**, 14, 146-150 | 4.3 | 6 |
| 65 | Investigation of CIGS Solar Cells on Polyethylene Terephthalate Substrates. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2011**, 60, 817-824 | 3 | 9 |
| 64 | Fabrication of Nanopit Array Using Electron Beam Lithography. *Advanced Materials Research*, **2011**, 364, 169-173 | 0.5 | 0 |
| 63 | Structural and Optical Properties of Zn Doped CdTe Thin Films by Stacked Elemental Layer Method. *Advanced Materials Research*, **2011**, 383-390, 3279-3285 | 0.5 | |
| 62 | Nanotexturing of Silicon Solar Cells Using Acids **2011**, | | 1 |
| 61 | Reducing Threshold of Multi Quantum Wells InGaN Laser Diode by Using InGaN/GaN Waveguide **2010**, | | 1 |
| 60 | IV Characteristic for ZnO MSM Photodetector with Pd Contact Electrodes on PPC Plastic **2010**, | | 3 |
| 59 | The Performance of Silicon Solar Cell with Different Anti-Reflection Coating Processes **2010**, | | 1 |
| 58 | Simulation of 100 nm Vertical Replacement Gate (VRG) MOSFET **2010**, | | 1 |
| 57 | Impact of Silicon Surface Roughness upon MOS after TMAH and KOH Silicon Etching **2010**, | | 1 |
| 56 | The effect of porosity on the properties of silicon solar cell. *Microelectronics International*, **2010**, 27, 117-120 | 1.8 | 11 |
| 55 | Formation of self-aligned ZnO nanorods in aqueous solution. *Journal of Alloys and Compounds*, **2010**, 493, 699-706 | 5.7 | 32 |
| 54 | Investigation on Molybdenum Thin Films Deposited by DC-Sputtering on Polyethylene Terephthalate Substrate. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2010**, 59, 622-627 | 3 | 5 |
| 53 | Nanotexturing of silicon solar cells using acids **2010**, | | 2 |
| 52 | Characteristics of ZnO MSM UV photodetector with Ni contact electrodes on poly propylene carbonate (PPC) plastic substrate. *Current Applied Physics*, **2010**, 10, 1452-1455 | 2.6 | 40 |
| 51 | Enhancing the sensitivity of a mass-based piezoresistive micro-electro-mechanical systems cantilever sensor. *Micro and Nano Letters*, **2010**, 5, 85 | 0.9 | 21 |
| 50 | The characteristics of ZnO deposited on PPC plastic substrate. *Materials Letters*, **2010**, 64, 2366-2368 | 3.3 | 11 |

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|---|---|---|---|
| 49 | Simulation of Two-Dimensional 50 nm Vertical Metal Oxide Semiconductor Field-Effect Transistor Incorporating a Dielectric Pocket. *Japanese Journal of Applied Physics*, **2009**, 48, 111201 | 1.4 | 10 |
| 48 | InGaN MQW violet laser diode performance with quaternary AlInGaN blocking layer. *Optics Communications*, **2009**, 282, 4755-4758 | 2 | 5 |
| 47 | Effect of zinc on the growth mechanism of zinc oxide nanostructures in the nitrogen environment. *Journal Physics D: Applied Physics*, **2008**, 41, 055506 | 3 | 4 |
| 46 | Characterization of Spin-on Dopant by Sol-gel Method. *AIP Conference Proceedings*, **2008**, | 0 | 3 |
| 45 | Half cut stress concentration (HCSC) region design on MEMS piezoresistive cantilever for sensitivity enhancement **2008**, | | 3 |
| 44 | Self-compensation in ZnO thin films: An insight from X-ray photoelectron spectroscopy, Raman spectroscopy and time-of-flight secondary ion mass spectroscopy analyses. *Thin Solid Films*, **2007**, 515, 2879-2884 | 2.2 | 70 |
| 43 | 1-{2-[(2-Hydroxy-1-naphthyl)methyleneamino]phenyliminiomethyl}-2-naphtholate methanol hemisolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o117-o119 | | 5 |
| 42 | Second monoclinic polymorph of 2-(benzimidazol-2-yl)-6-methoxyphenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o300-o302 | | 4 |
| 41 | 2-(2-Methoxynaphthalen-1-yl)-1-[(2-methoxynaphthalen-1-yl)methyl]-1H-benzimidazole. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o465-o467 | | 4 |
| 40 | 2,2?-[1,2-Phenylenebis(nitrilomethylidyne)]bis(5-methylphenol). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o695-o696 | | 2 |
| 39 | 6,6?-Dimethyl-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o766-o767 | | 1 |
| 38 | 5,6-Diphenyl-3-(2-pyridyl)-1,2,4-triazine. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1041-o1042 | | |
| 37 | Dichlorido[5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine]copper(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1182-m1184 | | 3 |
| 36 | {2,2?-[1,2-Phenylenebis(nitrilomethylidyne)]diphenolato-κ4O,N,N?,O?}(pyridine-κN)zinc(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1284-m1285 | | 1 |
| 35 | Aqua{4,4?-dimethoxy-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato-κ4O,O?,N,N?}zinc(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1633-m1634 | | 3 |
| 34 | {4,4?-Dichloro-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato-κ4O,N,N?,O?}(pyridine-κN)zinc(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1672-m1673 | | 4 |
| 33 | {4,4?-Dibromo-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato-κ4O,O?,N,N?}(pyridine-κN)zinc(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1764-m1765 | | 2 |
| 32 | 5,5?-Dimethoxy-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3094-o3095 | | 6 |

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| 31 | 4,4?-Dimethoxy-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3234-o3235 | | 5 |
| 30 | (Ethanol-O)(4,4?,6,6?-tetra-tert-butyl-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato-O,O?,N,N?)zinc(II) ethanol solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2024-m2025 | | 5 |
| 29 | {2-[(2-Aminophenyl)iminomethyl]-4-bromophenolato-N,N?,O}chloridobis(dimethyl sulfoxide-S)ruthenium(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2269-m2270 | | 2 |
| 28 | Aqua{6,6-dimethyl-2,2?-[o-phenylenebis(nitrilomethylidyne)]diphenolato-O,N,N?,O?}zinc(II) chloroform solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2294-m2295 | | 1 |
| 27 | A second monoclinic polymorph of 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3792-o3793 | | |
| 26 | Aqua{5,5?-dihydroxy-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato- O,N,N?,O?}zinc(II) trihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2838-m2839 | | 1 |
| 25 | Chlorido{4,4?-dimethoxy-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato}methanolmanganese(III). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m3193-m3194 | | 2 |
| 24 | Centre for Education, Training, & Research in Renewable Energy and Energy Efficiency (CETREE) of Malaysia: Educating the Nation **2007**, | | 2 |
| 23 | Growth of Diamond-Like Carbon Thin Film Using Microwave Chemical Vapor Deposition. *Materials Science Forum*, **2006**, 517, 57-60 | 0.4 | 1 |
| 22 | Epitaxial GaN Film Grown at Low Temperature by Hydrogen-Plasma Assisted MOCVD. *Materials Science Forum*, **2006**, 517, 9-12 | 0.4 | 0 |
| 21 | Bis[5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine-N,N?]bis(nitrato-O)cadmium(II). *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, m3336-m3337 | | 1 |
| 20 | A comparative study of the electrical characteristics of metal-semiconductor-metal (MSM) photodiodes based on GaN grown on silicon. *Applied Surface Science*, **2005**, 249, 91-96 | 6.7 | 13 |
| 19 | Dark current characteristics of thermally treated contacts on GaN-based ultraviolet photodetectors. *Microelectronic Engineering*, **2005**, 81, 262-267 | 2.5 | 12 |
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