

Kamarulazizi Ibrahim

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3270528/kamarulazizi-ibrahim-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Self-compensation in ZnO thin films: An insight from X-ray photoelectron spectroscopy, Raman spectroscopy and time-of-flight secondary ion mass spectroscopy analyses. <i>Thin Solid Films</i> , 2007 , 515, 2879-2884	2.2	70
173	A highly sensitive flexible SnS thin film photodetector in the ultraviolet to near infrared prepared by chemical bath deposition. <i>RSC Advances</i> , 2016 , 6, 114980-114988	3.7	62
172	Effect of sulfurization time on the properties of copper zinc tin sulfide thin films grown by electrochemical deposition. <i>Scientific Reports</i> , 2016 , 6, 32431	4.9	56
171	The effect of dopant concentration on properties of transparent conducting Al-doped ZnO thin films for efficient Cu ₂ ZnSnS ₄ thin-film solar cells prepared by electrodeposition method. <i>Applied Nanoscience (Switzerland)</i> , 2015 , 5, 993-1001	3.3	52
170	High performance near infrared photodetector based on cubic crystal structure SnS thin film on a glass substrate. <i>Materials Letters</i> , 2017 , 200, 10-13	3.3	45
169	Thermal and mechanical properties of epoxy composite filled with binary particle system of polygonal aluminum oxide and boron nitride platelets. <i>Journal of Materials Science</i> , 2016 , 51, 7415-7426	4.3	42
168	Characteristics of ZnO MSM UV photodetector with Ni contact electrodes on poly propylene carbonate (PPC) plastic substrate. <i>Current Applied Physics</i> , 2010 , 10, 1452-1455	2.6	40
167	The effect of anti-reflection coating of porous silicon on solar cells efficiency. <i>Optik</i> , 2011 , 122, 1462-1465	6.5	33
166	High performance and low-cost UV-Visible-NIR photodetector based on tin sulphide nanostructures. <i>Journal of Alloys and Compounds</i> , 2018 , 735, 2256-2262	5.7	32
165	Formation of self-aligned ZnO nanorods in aqueous solution. <i>Journal of Alloys and Compounds</i> , 2010 , 493, 699-706	5.7	32
164	Solar radiation maps for Iraq. <i>Solar Energy</i> , 1983 , 31, 29-44	6.8	32
163	Oxidation of etched Zn foil for the formation of ZnO nanostructure. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 6806-6811	5.7	30
162	Influence of triangle wave pulse on the properties of Cu ₂ ZnSnS ₄ thin films prepared by single step electrodeposition. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 130, 91-98	6.4	29
161	Particle swarm optimization feature selection for the classification of conducting particles in transformer oil. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2011 , 18, 1897-1907	2.3	29
160	Optical and Structural Properties of Thermally Evaporated Zinc Oxide Thin Films on Polyethylene Terephthalate Substrates. <i>International Journal of Polymer Science</i> , 2011 , 2011, 1-4	2.4	25
159	Influence of pH value on structural, optical and photoresponse properties of SnS films grown via chemical bath deposition. <i>Materials Letters</i> , 2018 , 210, 279-282	3.3	24
158	Effect of complexing agents on the electrodeposition of Cu ₂ ZnSn metal precursors and corresponding Cu ₂ ZnSnS ₄ -based solar cells. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 735, 129-135	4.1	24

157	Improved performance of solar cell based on porous silicon surfaces. <i>Optik</i> , 2011 , 122, 2075-2077	2.5	21
156	Enhancing the sensitivity of a mass-based piezoresistive micro-electro-mechanical systems cantilever sensor. <i>Micro and Nano Letters</i> , 2010 , 5, 85	0.9	21
155	Fabrication and characterization of thin-film Cu (In, Ga) Se ₂ solar cells on a PET plastic substrate using screen printing. <i>Materials Science in Semiconductor Processing</i> , 2012 , 15, 165-173	4.3	20
154	A comparative study on the growth of InAlN films on different substrates. <i>Materials Science in Semiconductor Processing</i> , 2016 , 51, 8-14	4.3	20
153	Effects of Ga concentration on structural and electrical properties of screen printed-CIGS absorber layers on polyethylene terephthalate. <i>Materials Science in Semiconductor Processing</i> , 2012 , 15, 206-213	4.3	18
152	Dependence of the properties of copper zinc tin sulfide thin films prepared by electrochemical deposition on sulfurization temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 857-863	2.1	17
151	Influence of precursor thin films stacking order on the properties of Cu ₂ ZnSnS ₄ thin films fabricated by electrochemical deposition method. <i>Superlattices and Microstructures</i> , 2014 , 76, 339-348	2.8	17
150	Control of Phase, Structural and Optical Properties of Tin Sulfide Nanostructured Thin Films Grown via Chemical Bath Deposition. <i>Journal of Electronic Materials</i> , 2017 , 46, 4227-4235	1.9	16
149	Formation of ZnO nanorod arrays on polytetrafluoroethylene (PTFE) via a seeded growth low temperature hydrothermal reaction. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 820-826	5.7	16
148	Effects of indium mole fraction on the physical characteristics of magnetron sputtered In _x Al _{1-x} N films. <i>Journal of Alloys and Compounds</i> , 2015 , 652, 407-414	5.7	15
147	Effect of film thickness on the surface, structural and electrical properties of InAlN films prepared by reactive co-sputtering. <i>Materials Science in Semiconductor Processing</i> , 2016 , 43, 96-103	4.3	15
146	Solvent solution-dependent properties of nonstoichiometric cubic Cu ₂ ZnSnS ₄ nanoparticles. <i>Chemical Physics Letters</i> , 2014 , 608, 393-397	2.5	15
145	Flexible low-cost infrared photodetector based on SnS thin film grown by chemical bath deposition. <i>Materials Research Express</i> , 2017 , 4, 105033	1.7	14
144	Influence of substrate temperature on the properties of electrodeposited kesterite Cu ₂ ZnSnS ₄ (CZTS) thin films for photovoltaic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 222-228	2.1	14
143	Enhanced thermal and mechanical properties of epoxy composites filled with hybrid filler system of aluminium nitride and boron nitride. <i>Polymer Composites</i> , 2018 , 39, E1372-E1380	3	13
142	Realization of partial discharge signals in transformer oils utilizing advanced computational techniques. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2012 , 19, 1971-1981	2.3	13
141	Comparison of cadmium sulfide thin films deposited on glass and polyethylene terephthalate substrates with thermal evaporation for solar cell applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2012 , 23, 1219-1223	2.1	13
140	A comparative study of the electrical characteristics of metal-semiconductor-metal (MSM) photodiodes based on GaN grown on silicon. <i>Applied Surface Science</i> , 2005 , 249, 91-96	6.7	13

139	The role of BaTiO ₃ on the dielectric properties of polyvinyl chloride. <i>Physica Status Solidi A</i> , 1994 , 144, K53-K57		13
138	Dark current characteristics of thermally treated contacts on GaN-based ultraviolet photodetectors. <i>Microelectronic Engineering</i> , 2005 , 81, 262-267	2.5	12
137	Characteristics of low-temperature-grown GaN films on Si(111). <i>Solid State Communications</i> , 2005 , 133, 283-287	1.6	12
136	Comprehensive photoresponse study on high performance and flexible SnS photodetector with near-infrared response. <i>Materials Science in Semiconductor Processing</i> , 2019 , 100, 270-274	4.3	11
135	Influence of substrate temperature on the growth and properties of reactively sputtered In-rich InAlN films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 4281-4289	2.1	11
134	A High-Sensitivity Hydrogen Gas Sensor Based on Carbon Nanotubes Fabricated on Glass Substrate. <i>Journal of Electronic Materials</i> , 2018 , 47, 6671-6680	1.9	11
133	AgAl alloy thin film on plastic substrate by screen printing for solar cell back contact application. <i>Materials Science in Semiconductor Processing</i> , 2013 , 16, 593-597	4.3	11
132	Fabrication and characterization of zinc oxide anti-reflective coating on flexible thin film microcrystalline silicon solar cell. <i>Optik</i> , 2013 , 124, 5397-5400	2.5	11
131	The effect of porosity on the properties of silicon solar cell. <i>Microelectronics International</i> , 2010 , 27, 117-120	1.8	11
130	The characteristics of ZnO deposited on PPC plastic substrate. <i>Materials Letters</i> , 2010 , 64, 2366-2368	3.3	11
129	Computer simulation of collection efficiency of a-Si:H tandem solar cells interconnected by transparent conductive oxide. <i>Solar Energy Materials and Solar Cells</i> , 2000 , 60, 1-9	6.4	11
128	Selection criteria for oil transformer measurements to calculate the Health Index. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016 , 23, 3397-3404	2.3	11
127	Controlled High Filler Loading of Functionalized Al ₂ O ₃ -Filled Epoxy Composites for LED Thermal Management. <i>Journal of Materials Engineering and Performance</i> , 2018 , 27, 1296-1307	1.6	10
126	Optical and structural properties of indium nitride nanoparticles synthesized by chemical method at low temperature. <i>Solar Energy</i> , 2013 , 97, 614-619	6.8	10
125	Simulation of Two-Dimensional 50 nm Vertical Metal Oxide Semiconductor Field-Effect Transistor Incorporating a Dielectric Pocket. <i>Japanese Journal of Applied Physics</i> , 2009 , 48, 111201	1.4	10
124	Microcrystalline GaN film grown on Si(1 0 0) and its application to MSM photodiode. <i>Materials Chemistry and Physics</i> , 2004 , 84, 369-374	4.4	10
123	Dependence of pH on phase stability, optical and photoelectrical properties of SnS thin films. <i>Superlattices and Microstructures</i> , 2019 , 128, 170-176	2.8	9
122	BN thin film as thermal interface material for high power LED: thermal resistance and optical analysis. <i>Optical and Quantum Electronics</i> , 2014 , 46, 337-344	2.4	9

121	Growth of polycrystalline indium aluminum nitride thin films on silicon (111) substrates. <i>Materials Science in Semiconductor Processing</i> , 2014 , 27, 975-984	4.3	9
120	Investigation of CIGS Solar Cells on Polyethylene Terephthalate Substrates. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2011 , 60, 817-824	3	9
119	Improved thermal and mechanical properties of aluminium oxide filled epoxy composites by reinforcing milled carbon fiber by partial replacement method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 13487-13495	2.1	8
118	Sustaining Small Entrepreneurs Through a Microcredit Program in Penang, Malaysia: A Case Study. <i>Journal of Human Behavior in the Social Environment</i> , 2015 , 25, 182-191	1	8
117	Electrodeposited ZnS Precursor Layer with Improved Electrooptical Properties for Efficient Cu ₂ ZnSnS ₄ Thin-Film Solar Cells. <i>Journal of Electronic Materials</i> , 2015 , 44, 3380-3387	1.9	8
116	Post-deposition annealing of magnetron sputtered InAlN film at different temperatures. <i>Journal of Alloys and Compounds</i> , 2015 , 640, 260-266	5.7	8
115	A high-performance near-infrared photodetector based on InS phase. <i>Materials Letters</i> , 2020 , 273, 127910	3.3	8
114	Growth of AlInN film on GaAs substrate and its application to MSM UV photodetector. <i>Materials Research Express</i> , 2016 , 3, 085904	1.7	8
113	Low electric field DNA separation and in-channel amperometric detection by microchip capillary electrophoresis. <i>IET Nanobiotechnology</i> , 2014 , 8, 77-82	2	7
112	Fabricated nano-fiber diameter as liquid concentration sensors. <i>Results in Physics</i> , 2013 , 3, 91-96	3.7	7
111	Formation of SiO ₂ surface textures via CHF ₃ /Ar plasma etching process of poly methyl methacrylate self-formed masks. <i>Vacuum</i> , 2014 , 101, 67-70	3.7	7
110	SU-8 piezoresistive microcantilever with high gauge factor. <i>Micro and Nano Letters</i> , 2013 , 8, 123-126	0.9	7
109	Properties of Aluminium Thin Films on Polyethylene Terephthalate Substrates as Back Contacts in Thin Film Silicon Solar Cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2012 , 61, 669-678	3	7
108	Low-temperature solution-processed flexible solar cells based on (In,Ga)N nanocubes. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9925-31	9.5	6
107	Cubic and hexagonal GaN nanoparticles synthesized at low temperature. <i>Superlattices and Microstructures</i> , 2013 , 64, 70-77	2.8	6
106	Investigation of the optical and structural properties of thermally evaporated cadmium sulphide thin films on polyethylene terephthalate substrate. <i>Materials Science in Semiconductor Processing</i> , 2011 , 14, 146-150	4.3	6
105	Optical and Electrical Properties of Indium Tin Oxide (ITO) Thin Films Prepared by Thermal Evaporation Method on Polyethylene Terephthalate (PET) Substrate. <i>Advanced Materials Research</i> , 2012 , 545, 393-398	0.5	6
104	5,5'-Dimethoxy-2,2'-[1,2-phenylenebis(nitrilomethylidyne)]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3094-o3095		6

103	PROPERTIES OF AMORPHOUS GAN GROWN ON SILICON. <i>International Journal of Modern Physics B</i> , 2002 , 16, 1086-1090	1.1	6
102	11. The institutional dimension of sustainability: policy response for enhanced practice at Universiti Sains Malaysia 2014 , 175-188		6
101	Antarctic values and Malaysia's involvement in Antarctica: perceptions among young citizens of Malaysia. <i>Polar Record</i> , 2016 , 52, 305-315	0.5	6
100	Growth and Characterization of Tin Sulphide Nanostructured Thin Film by Chemical Bath Deposition for Near-Infrared Photodetector Application. <i>Solid State Phenomena</i> , 2019 , 290, 220-224	0.4	5
99	Structural and surface characterization of magnetron sputtered In _{1-x} Al _x N films grown on GaAs substrates. <i>Materials Letters</i> , 2015 , 154, 12-16	3.3	5
98	A new framework for integrated climate finance and inclusive responses to sustainable development in Malaysia. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1754-1768	3.6	5
97	Aqueous synthesis of visible-light photoactive cuboid Cu ₂ ZnSnS ₄ nanocrystals using rotary evaporation. <i>Materials Letters</i> , 2014 , 125, 195-197	3.3	5
96	Atomic force microscopy investigation of surface roughness generated between SiO ₂ micro-pits in CHF ₃ /Ar plasma. <i>Superlattices and Microstructures</i> , 2012 , 51, 597-605	2.8	5
95	New issue of GaN nanoparticles solar cell. <i>Current Applied Physics</i> , 2015 , 15, 499-503	2.6	5
94	Structural and surface analysis of AlInN thin films synthesized by elemental stacks annealing. <i>Materials Research Express</i> , 2014 , 1, 026403	1.7	5
93	Investigation on Molybdenum Thin Films Deposited by DC-Sputtering on Polyethylene Terephthalate Substrate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2010 , 59, 622-627	3	5
92	InGaN MQW violet laser diode performance with quaternary AlInGaN blocking layer. <i>Optics Communications</i> , 2009 , 282, 4755-4758	2	5
91	1-{2-[(2-Hydroxy-1-naphthyl)methyleneamino]phenyliminomethyl}-2-naphtholate methanol hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o117-o119		5
90	4,4'-Dimethoxy-2,2'-[1,2-phenylenebis(nitrilomethylidene)]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3234-o3235		5
89	(Ethanol- \mathbb{D}){4,4',6,6'-tetra-tert-butyl-2,2'-[1,2-phenylenebis(nitrilomethylidene)]diphenolato- $\mathbb{O},\mathbb{O},\mathbb{N},\mathbb{N}$ }zinc(II) ethanol solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2024-m2025		5
88	Thermal stability of Ni/Ag contacts on p-type GaN. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004 , 1, 2528-2532		5
87	Flexible and high-performance broadband nanoflowers tin sulfide photodetector. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	5
86	Synthesis of aluminium indium nitride (AlInN) thin films by stacked elemental layers method. <i>EPJ Applied Physics</i> , 2014 , 67, 10301	1.1	4

85	Comparative study of the properties of ZnO thin films deposited on poly propylene carbonate (PPC) and glass substrates. <i>Journal of Materials Science</i> , 2012 , 47, 1972-1976	4.3	4
84	Development with a difference: neo-disaster risk management for sustainable development. <i>Geomatics, Natural Hazards and Risk</i> , 2013 , 4, 187-192	3.6	4
83	Time growing comparison for ZnO nanorod by using microwave irradiation method. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 369-374	2.3	4
82	Synthesized and Characterization of Cu ₂ ZnSnS ₄ (CZTS) Thin Films Deposited by Electrodeposition Method. <i>Applied Mechanics and Materials</i> , 2013 , 343, 85-89	0.3	4
81	Properties of Aluminium Thin Films on Polyimide Plastics as Back Contacts in Thin Film Silicon Solar Cells. <i>Advanced Materials Research</i> , 2012 , 620, 474-479	0.5	4
80	Effect of zinc on the growth mechanism of zinc oxide nanostructures in the nitrogen environment. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 055506	3	4
79	Second monoclinic polymorph of 2-(benzimidazol-2-yl)-6-methoxyphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o300-o302		4
78	2-(2-Methoxynaphthalen-1-yl)-1-[(2-methoxynaphthalen-1-yl)methyl]-1H-benzimidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o465-o467		4
77	{4,4'-Dichloro-2,2'-[1,2-phenylenebis(nitrilomethylidene)]diphenolato- λ O,N,N',O'}(pyridine- λ N)zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1672-m1673		4
76	Characterisation of metal oxide semiconductor capacitor structure using low-k dielectric methylsilsequioxane with evaporated aluminium and copper gate. <i>Thin Solid Films</i> , 2003 , 434, 178-182	2.2	4
75	The space-charge-limited-current scaling law in a-SixCy:H. <i>Philosophical Magazine Letters</i> , 1989 , 59, 155-158		4
74	Synthesis and characterization thin films of conductive polymer (PANI) for optoelectronic device application 2016 ,		4
73	Growth of AlInN films via elemental layers annealing at different temperatures. <i>Modern Physics Letters B</i> , 2015 , 29, 1550169	1.6	3
72	Structural and optical characterization of InGaN nanoparticles synthesized at low temperature. <i>Materials Letters</i> , 2013 , 99, 128-130	3.3	3
71	Formation of scandium nitride (ScN) layer on gallium arsenide (GaAs) substrate using a combined technique of e-beam evaporator and ammonia annealing treatment. <i>Applied Surface Science</i> , 2015 , 359, 589-592	6.7	3
70	Surface modification of polydimethylsiloxane microchannel using air plasma for DNA capillary migration in polydimethylsiloxane/glass microfluidic devices. <i>Micro and Nano Letters</i> , 2013 , 8, 305-307	0.9	3
69	IV Characteristic for ZnO MSM Photodetector with Pd Contact Electrodes on PPC Plastic 2010 ,		3
68	Surface Morphology and Structural Properties of Silver Thin Films Prepared on Polyethylene Terephthalate (PET) Substrate by Screen Printing Technique. <i>Advanced Materials Research</i> , 2011 , 364, 110-114	0.5	3

67	Nano-Optical Fiber Evanescent Field Sensors. <i>Advanced Materials Research</i> , 2012 , 626, 1027-1032	0.5	3
66	Characterization of Spin-on Dopant by Sol-gel Method. <i>AIP Conference Proceedings</i> , 2008 ,	0	3
65	Half cut stress concentration (HCSC) region design on MEMS piezoresistive cantilever for sensitivity enhancement 2008 ,		3
64	Dichlorido[5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine]copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1182-m1184		3
63	Aqua{4,4'-dimethoxy-2,2'-[1,2-phenylenebis(nitrilomethylidene)]diphenolato- λ O,O',N,N'}zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1633-m1634		3
62	Tin Sulfide Flower-Like Structure as High-Performance Near-Infrared Photodetector. <i>Journal of Electronic Materials</i> , 2020 , 49, 5824-5830	1.9	3
61	Fabrication of micro-array of Fresnel rings on Si by electron beam lithography and reactive ion etching. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	3
60	Effect Grinding of Graphite on Structural and Morphological Characteristics of Carbon Nanotubes Grown by Microwave Oven. <i>Solid State Phenomena</i> , 2019 , 290, 122-126	0.4	2
59	The effective role of time in synthesising InN by chemical method at low temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 1376-1380	2.1	2
58	Development of a low cost roll-to-roll nanoimprint lithography system for patterning 8-inch wide flexible substrates. <i>International Journal of Nanotechnology</i> , 2014 , 11, 520	1.5	2
57	Numerical ray tracing through a modified cladding fiber optic segment sensors. <i>Optik</i> , 2012 , 123, 860-862.5		2
56	Heat transfer in high-power LED with thermally conductive particle-filled epoxy composite as thermal interface material for system-level analysis 2013 ,		2
55	Effects of quantum confined stark effect and well thickness on optical properties of double quantum wells violet InGaN laser diodes. <i>Optik</i> , 2013 , 124, 292-296	2.5	2
54	Concept of Bee-Eyes Array of Fresnel Lenses as a Solar Photovoltaic Concentrator System. <i>Journal of Photonics</i> , 2015 , 2015, 1-6		2
53	ZnO Metal-Semiconductor-Metal UV Photodetectors on PPC Plastic with Various Metal Contacts 2012 ,		2
52	Properties of Ag layered in Te/Cd stack prepared by stacked elemental layer method. <i>Electronic Materials Letters</i> , 2012 , 8, 263-268	2.9	2
51	Nanotexturing of silicon solar cells using acids 2010 ,		2
50	Resistive transition of the compound LaO _{0.89} F _{0.11} FeGe at 20 K. <i>Phase Transitions</i> , 2012 , 85, 777-780	1.3	2

49	2,2'-[1,2-Phenylenebis(nitrilomethylidyne)]bis(5-methylphenol). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o695-o696		2
48	{4,4'-Dibromo-2,2'-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato- λ O, λ N, λ N}(pyridine- λ N)zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1764-m1765		2
47	{2-[(2-Aminophenyl)iminomethyl]-4-bromophenolato- λ N, λ N,O}chloridobis(dimethyl sulfoxide- λ S)ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2269-m2270		2
46	Chlorido{4,4'-dimethoxy-2,2'-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato}methanolmanganese(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m3193-m3194		2
45	Centre for Education, Training, & Research in Renewable Energy and Energy Efficiency (CETREE) of Malaysia: Educating the Nation 2007 ,		2
44	Diamond-like amorphous carbon thin films by d.c. magnetron sputtering. <i>Journal of Materials Science Letters</i> , 2000 , 19, 735-737		2
43	INFLUENCE OF ANNEALING TREATMENT ON THE PHYSICAL PROPERTIES OF InAlN FILMS. <i>Surface Review and Letters</i> , 2015 , 22, 1550062	1.1	1
42	Surface morphology and structural analysis of fluorocarbon nano-rings formation through EBL and SiO ₂ plasma etching. <i>Vacuum</i> , 2012 , 86, 1284-1288	3.7	1
41	DEPOSITION AND CHARACTERIZATION OF MAGNETRON CO-SPUTTERED InAlN FILM AT DIFFERENT Ar:N ₂ GAS FLOW RATIOS. <i>Surface Review and Letters</i> , 2017 , 24, 1750027	1.1	1
40	Electrical properties and surface morphology of electron beam evaporated p-type silicon thin films on polyethylene terephthalate for solar cells applications 2015 ,		1
39	Plasma Pre-Treatment of Polyethylene Terephthalate Substrate Influence on the Properties of ZnO Thin Film. <i>Advanced Materials Research</i> , 2014 , 895, 41-44	0.5	1
38	Transition temperature model based on specific heat data of an FeAs-based superconductor. <i>Phase Transitions</i> , 2012 , 85, 768-776	1.3	1
37	Fabrication of 20 nm deep silicon dioxide channel using electron beam lithography for manipulation of DNA molecules 2012 ,		1
36	Reducing Threshold of Multi Quantum Wells InGaN Laser Diode by Using InGaN/GaN Waveguide 2010 ,		1
35	The Performance of Silicon Solar Cell with Different Anti-Reflection Coating Processes 2010 ,		1
34	Simulation of 100 nm Vertical Replacement Gate (VRG) MOSFET 2010 ,		1
33	Impact of Silicon Surface Roughness upon MOS after TMAH and KOH Silicon Etching 2010 ,		1
32	Nanotexturing of Silicon Solar Cells Using Acids 2011 ,		1

31	Electrical and morphological analysis of oxygen plasma treated Zn metal thin films. <i>EPJ Applied Physics</i> , 2012 , 58, 10802	1.1	1
30	6,6?-Dimethyl-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o766-o767		1
29	{2,2?-[1,2-Phenylenebis(nitrilomethylidyne)]diphenolato- λ O,N,N?,O?}(pyridine- λ)zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1284-m1285		1
28	Aqua{6,6-dimethyl-2,2?-[o-phenylenebis(nitrilomethylidyne)]diphenolato- λ O,N,N?,O?}zinc(II) chloroform solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2294-m2295		1
27	Aqua{5,5?-dihydroxy-2,2?-[1,2-phenylenebis(nitrilomethylidyne)]diphenolato- λ O,N,N?,O?}zinc(II) trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2838-m2839		1
26	Growth of Diamond-Like Carbon Thin Film Using Microwave Chemical Vapor Deposition. <i>Materials Science Forum</i> , 2006 , 517, 57-60	0.4	1
25	Bis[5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine- λ N,N?]bis(nitrato- λ)cadmium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m3336-m3337		1
24	Optimization of doping process on P-type wafer using spin-on technique		1
23	The effect of carbon on the density of states of hydrogenated amorphous silicon-carbon alloy films prepared from silane and propane. <i>Journal of Non-Crystalline Solids</i> , 1989 , 113, 282-286	3.9	1
22	Growth of ZnO nanorod on flexible polyethylene terephthalate substrate by chemical bath deposition and microwave method. <i>Environmental Science and Engineering</i> , 2014 , 845-846	0.2	1
21	Comparative Study of AFM and FESEM for Imaging the Single Cell of Escherichia Coli Bacteria. <i>Journal of Nano Research</i> , 2015 , 34, 61-66	1	0
20	Simulation of influence ternary AlGa _N and quaternary AlInGa _N blocking layers on temperature characteristic of double quantum well violet InGa _N laser diodes. <i>Optik</i> , 2012 , 123, 185-187	2.5	0
19	Characterizations of Electron Beam Evaporated Silicon Thin Films on Plastic Substrates for Solar Cells Applications. <i>Advanced Materials Research</i> , 2014 , 925, 543-547	0.5	0
18	Fabrication of Nanopit Array Using Electron Beam Lithography. <i>Advanced Materials Research</i> , 2011 , 364, 169-173	0.5	0
17	Synthesis and Properties of Sb Layered Te/Cd Stack Prepared by Elemental Stack Method. <i>Advanced Materials Research</i> , 2012 , 488-489, 76-81	0.5	0
16	Epitaxial GaN Film Grown at Low Temperature by Hydrogen-Plasma Assisted MOCVD. <i>Materials Science Forum</i> , 2006 , 517, 9-12	0.4	0
15	Enhancing MQW violet InGa _N laser diode characteristics with a quaternary Al In Ga _{1-x} blocking layer. <i>Optik</i> , 2013 , 124, 184-187	2.5	
14	Semiconductor \rightarrow superconductor phase transition of the compound LaO _{0.89} F _{0.11} FeSb. <i>Phase Transitions</i> , 2017 , 1-5	1.3	

- 13 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
- 12 Far-infrared probe of energy gap in LaO_{1-x}F_xFeGe compound. *Phase Transitions*, **2014**, 87, 236-242 1.3
- 11 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
- 10 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
- 9 5,6-Diphenyl-3-(2-pyridyl)-1,2,4-triazine. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1041-o1042
- 8 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
- 7 Thermal stability of contacts on AlGa_N-Based UV photodetectors **2004**, 5353, 151
- 6 Optical Properties of GaN on Si Substrate Using Plasma-Assisted MOCVD Technique in the Infrared and Visible Regions. *Materials Science Forum*, **2005**, 480-481, 519-524 0.4
- 5 Growth and Properties of GaN/Si Heterojunction. *Materials Science Forum*, **2005**, 480-481, 531-536 0.4
- 4 Comparisons on Doping of Different Alkyl Compound on SiO₂ to Form a Low-k Dielectric Material. *Materials Science Forum*, **2005**, 480-481, 213-216 0.4
- 3 Characteristics of Ni-Based Bi-Layer Contacts on GaN. *Materials Science Forum*, **2005**, 480-481, 525-530 0.4
- 2 Density of states in compensated hydrogenated amorphous silicon films. *Journal of Non-Crystalline Solids*, **1988**, 107, 61-64 3.9
- 1 Synthesis of Cubic Indium Oxide Thin Film by Microwave Irradiation. *Environmental Science and Engineering*, **2014**, 841-843 0.2