

Noor Azrina Talik

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

318
citations

840776

11
h-index

996975

15
g-index

42
all docs

42
docs citations

42
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple resistive switching behaviours of CH ₃ NH ₃ PbI ₃ perovskite film with different metal electrodes. Applied Surface Science, 2019, 473, 194-202.	6.1	22
2	Ammonia flux tailoring on the quality of AlN epilayers grown by pulsed atomic-layer epitaxy techniques on (0 0 0 1)-oriented sapphire substrates via MOCVD. CrystEngComm, 2019, 21, 2009-2017.	2.6	21
3	Tailoring electronics structure, electrical and magnetic properties of synthesized transition metal (Ni)-doped ZnO thin film. Journal of Alloys and Compounds, 2018, 769, 640-648.	5.5	18
4	In-situ tuning of Sn doped In ₂ O ₃ (ITO) films properties by controlling deposition Argon/Oxygen flow. Applied Surface Science, 2019, 479, 1220-1225.	6.1	17
5	Enhancement of the work function of indium tin oxide by surface modification using caesium fluoride. Journal Physics D: Applied Physics, 2013, 46, 475102.	2.8	15
6	Determination of energy levels at the interface between O ₂ plasma treated ITO/P3HT/PCBM and PEDOT:PSS/P3HT/PCBM using angular-resolved x-ray and ultraviolet photoelectron spectroscopy. Journal Physics D: Applied Physics, 2014, 47, 055109.		15
7	Positioning of periodic AlN/GaN multilayers: Effect on crystalline quality of a-plane GaN. Materials Science in Semiconductor Processing, 2020, 105, 104700.	4.0	15
8	The efficiency enhancement of single-layer solution-processed blue phosphorescent organic light emitting diodes by hole injection layer modification. Journal Physics D: Applied Physics, 2014, 47, 205103.	2.8	14
9	Investigation into the Gaussian density of states widths of organic semiconductors. Journal Physics D: Applied Physics, 2016, 49, 325106.	2.8	14
10	Exploration of 2D Ti ₃ C ₂ MXene for all solution processed piezoelectric nanogenerator applications. Scientific Reports, 2021, 11, 17432.	3.3	14
11	Efficient green phosphorescent tandem organic light emitting diodes with solution processable mixed hosts charge generating layer. Journal of Luminescence, 2014, 154, 345-349.	3.1	11
12	Potential Point-of-Care Microfluidic Devices to Diagnose Iron Deficiency Anemia. Sensors, 2018, 18, 2625.	3.8	10
13	Improvement of MAPbI ₃ perovskite blend with TiO ₂ nanoparticles as ReRAM device. Ceramics International, 2020, 46, 29041-29051.	4.8	10
14	High efficiency solution processed fluorescent yellow organic light-emitting diode through fluorinated alcohol treatment at the emissive layer/cathode interface. Journal Physics D: Applied Physics, 2014, 47, 015106.	2.8	9
15	Proton exchange membrane (PEM) and solid oxide (SOFC) fuel cell based vehicles-a review. , 2017, , .		9
16	Finite element analysis of thermal distributions of solder ball in flip chip ball grid array using ABAQUS. Microelectronics International, 2013, 30, 14-18.	0.6	8
17	Electrostatic model of the energy-bending within organic semiconductors: experiment and simulation. Journal of Physics Condensed Matter, 2016, 28, 365002.	1.8	8
18	Investigations of solution-processed charge generation unit with low concentration of small molecule doped in p-type/HAT-CN 6 for tandem OLED. Journal of Luminescence, 2016, 169, 61-64.	3.1	8

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19	Effects of pulse cycle number on the quality of pulsed atomic-layer epitaxy AlN films grown via metal organic chemical vapor deposition. Japanese Journal of Applied Physics, 2019, 58, SC1037.	1.5	8
20	Effect of mixed hole transporting host on the mobility, Gaussian density of states and efficiencies of a heterojunction phosphorescent organic light emitting diode. Journal Physics D: Applied Physics, 2016, 49, 155103.	2.8	7
21	In-situ analysis energy level alignment at solution processed HAT(CN) 6 /PVK (PVK:TAPC) interface via XPS and UPS. Current Applied Physics, 2017, 17, 1094-1099.	2.4	7
22	Agglomeration enhancement of AlN surface diffusion fluxes on a (0 0 0 1)-sapphire substrate grown by pulsed atomic-layer epitaxy techniques via MOCVD. CrystEngComm, 2020, 22, 3309-3321.	2.6	7
23	Ultraviolet Laser Diode Ablation Process for CMOS 45 nm Copper Low-K Semiconductor Wafer. Procedia Engineering, 2017, 184, 360-369.	1.2	6
24	Influence of different morphology of carbon nanostructures on the structural and optical properties of decorated single crystalline hematite nanocubes for photoelectrochemical applications. Applied Surface Science, 2019, 498, 143845.	6.1	6
25	Energy level alignment of blended organic semiconductors and electrodes at the interface. Current Applied Physics, 2018, 18, 982-992.	2.4	5
26	Improved performance of InGaN/GaN LED by optimizing the properties of the bulk and interface of ITO on p-GaN. Applied Surface Science, 2021, 540, 148406.	6.1	5
27	The effect of Multi Quantum Well growth regime transition on MQW/p-GaN structure and light emitting diode (LED) performance. Materials Science in Semiconductor Processing, 2021, 121, 105431.	4.0	5
28	Diminishing the Induced Strain and Oxygen Incorporation on Aluminium Nitride Films Deposited Using Pulsed Atomic-Layer Epitaxy Techniques at Standard Pressure MOCVD. Journal of Electronic Materials, 2021, 50, 2313-2322.	2.2	5
29	Highly efficient processable molybdenum trioxide as a hole blocking interlayer for super-yellow organic light emitting diode. Journal Physics D: Applied Physics, 2016, 49, 395105.	2.8	3
30	Review on recent Developments on Fabrication Techniques of Distributed Feedback (DFB) Based Organic Lasers. Journal of Physics: Conference Series, 2017, 914, 012032.	0.4	3
31	Fabrication of DNA/NiSi NWs and Ag NPs-NiSi NWs-based Schottky diodes for DNA detection with fast response time. Journal of Materials Science: Materials in Electronics, 2021, 32, 7889-7905.	2.2	3
32	Impact of sandwiched strain periodic multilayer AlN/GaN on strain and crystalline quality of a-plane GaN. Scientific Reports, 2021, 11, 9724.	3.3	3
33	Surface plasmon resonance of silver nano-dendrites improved light absorption in an organic photovoltaic active layer. Micro and Nano Letters, 2020, 15, 866-871.	1.3	3
34	The crystallographic quality and band-edge transition of as-deposited PALE AlN films via metal organic chemical vapor deposition. Journal of Materials Science: Materials in Electronics, 2021, 32, 3211-3221.	2.2	2
35	Effect of silver nanoparticles deposited on indium tin oxide by plasma-assisted hot-filament evaporation on phosphorescent organic light-emitting diode performance. Applied Surface Science, 2021, 570, 151280.	6.1	2
36	Ionic contaminations level and cleaning flip chip BGA package via a new cleaning solvent technology. Microelectronics International, 2013, 30, 99-103.	0.6	0

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37	High efficiency solution processable organic light emitting diode through materials and interfacial engineering. , 2016, , .		0
38	Iron deficiency anaemia: with the conclusion of a need for iron reader. Journal of Physics: Conference Series, 2017, 914, 012028.	0.4	0
39	Prospects of Low-Cost Photometers for Colorimetric Serum Iron Concentration Determination. IFMBE Proceedings, 2018, , 165-169.	0.3	0
40	Electronic surface, optical and electrical properties of p μ GaN activated via in-situ MOCVD and ex-situ thermal annealing in InGaN/GaN LED. Materials Science in Semiconductor Processing, 2020, 106, 104757.	4.0	0
41	Comparison Study on Shear Strength and Intermetallic Compound for SAC and Polymer Core Solder Balls. Advanced Science Letters, 2013, 19, 766-769.	0.2	0