

# Nur Adilah Roslan

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

158  
citations

1307594

7  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the performance of vanadyl phthalocyanine-based humidity sensor by varying the thickness. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 148-156.	7.8	35
2	UV- ozone treated graphene oxide/ PEDOT:PSS bilayer as a novel hole transport layer in highly efficient and stable organic solar cells. <i>Organic Electronics</i> , 2019, 66, 32-42.	2.6	30
3	Investigation of VTP:PC71BM organic composite as highly responsive organic photodetector. <i>Sensors and Actuators A: Physical</i> , 2018, 279, 361-366.	4.1	19
4	An insight into the air stability of the benchmark polymer:fullerene photovoltaic films and devices: A comparative study. <i>Organic Electronics</i> , 2020, 76, 105456.	2.6	15
5	VTP as an Active Layer in a Vertical Organic Field Effect Transistor. <i>Journal of Electronic Materials</i> , 2018, 47, 2184-2191.	2.2	10
6	Planar capacitive type humidity sensor fabricated using PTB7-Th by facile solution processing approach. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	10
7	Ga-doped ZnO nanorods: The photocatalytic performance of methylene blue under solar irradiation. <i>Optical Materials</i> , 2022, 126, 112139.	3.6	9
8	Enhanced sensitivity of zinc phthalocyanine-based microporous humidity sensors by varying size of electrode gaps. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130158.	7.8	8
9	Improving the operational voltage of vertical organic field effect transistor (VOFET) by altering the morphology of dielectric layer. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 11961-11968.	2.2	6
10	Highly sensitive capacitive cell based on a novel CuTsPc-TiO <sub>2</sub> nanocomposite electrolytic solution for low-temperature sensing applications. <i>Sensors and Actuators A: Physical</i> , 2019, 289, 94-99.	4.1	5
11	Enhancing the Electrical Properties of Vertical OFETs Using a P(VDF-TrFE) Dielectric Layer. <i>Journal of Electronic Materials</i> , 2020, 49, 1362-1371.	2.2	5
12	Improving the photo-current of poly(3-hexylthiophene): [6,6]-phenyl C71 butyric acid methyl-ester photodetector by incorporating the small molecules. <i>Thin Solid Films</i> , 2020, 703, 137976.	1.8	4
13	Effect of different deposition techniques of PCDTBT:PC71BM composite on the performance of capacitive-type humidity sensors. <i>Synthetic Metals</i> , 2022, 285, 117020.	3.9	2