

Nor Farhani Zakaria

List of Publications by Year in descending order

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18
papers

75
citations

1684188

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h-index

1720034

7
g-index

18
all docs

18
docs citations

18
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	A brief overview of detectors used for terahertz imaging systems. AIP Conference Proceedings, 2020, , .	0.4	10
2	Permittivity and temperature effects on rectification performance of self-switching diodes with different geometrical structures using two-dimensional device simulator. Solid-State Electronics, 2017, 138, 16-23.	1.4	9
3	InGaAs-based planar barrier diode as microwave rectifier. Japanese Journal of Applied Physics, 2018, 57, 064101.	1.5	9
4	An overview of self-switching diode rectifiers using green materials. AIP Conference Proceedings, 2017, , .	0.4	7
5	Self-switching diodes as RF rectifiers: evaluation methods and current progress. Bulletin of Electrical Engineering and Informatics, 2019, 8, 396-404.	0.8	6
6	Characterization of self-switching diodes as microwave rectifiers using ATLAS simulator. , 2016, , .		5
7	Permittivity and temperature effects to rectification performance of self-switching device using two-dimensional simulation. , 2016, , .		5
8	An overview of semiconductor rectifier operating in the millimeter wave and terahertz region. AIP Conference Proceedings, 2020, , .	0.4	5
9	Rectification performance of self-switching diodes in silicon substrate using device simulator. , 2016, , .		4
10	Hybrid Statistical and Numerical Analysis in Structural Optimization of Silicon-Based RF Detector in 5G Network. Mathematics, 2022, 10, 326.	2.2	4
11	Improved Rectification Performance and Terahertz Detection in Hybrid Structure of Self-Switching Device (SSD) and Planar Barrier Diode (PBD) Using Two-Dimensional Device Simulation. Solid State Phenomena, 0, 301, 111-117.	0.3	3
12	Application of Taguchi method in optimization of structural parameters in self-switching diode to improve the rectification performance. AIP Conference Proceedings, 2020, , .	0.4	3
13	Rectification performance of self-switching diode in various geometries using ATLAS simulator. , 2016, , .		2
14	The structural and electrical characterization of PEDOT:PSS/MEH-PPV doped with PEIE OLED fabricated using spin coating technique. AIP Conference Proceedings, 2020, , .	0.4	1
15	The effect of solvents on the performance of organic light-emitting diodes. AIP Conference Proceedings, 2020, , .	0.4	1
16	The effect of ZnO photoanode solution ageing to the performance of dye-sensitized solar cell (DSSC). AIP Conference Proceedings, 2020, , .	0.4	1
17	Simulation of unipolar planar device with asymmetrical barrier profile: A planar barrier diode. AIP Conference Proceedings, 2017, , .	0.4	0
18	Effect of channel length to the frequency response of Si-based Self-Switching Diodes using two-dimensional simulation. IOP Conference Series: Materials Science and Engineering, 0, 932, 012078.	0.6	0