

Alfian Ferdiansyah Madsuha

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Graphene-quantum dot hybrid materials on the road to optoelectronic applications. <i>Synthetic Metals</i> , 2016, 219, 33-43.	3.9	14
2	Strategies for Improving the E-Waste Management Supply Chain Sustainability in Indonesia (Jakarta). <i>Sustainability</i> , 2021, 13, 13955.	3.2	9
3	Improved device performance stability of bulk-heterojunction hybrid solar cells with low molecular weight PCPDPTB. <i>Synthetic Metals</i> , 2017, 230, 73-78.	3.9	8
4	Quantum dot-nanocarbon based hybrid solar cells with improved long-term performance. <i>Synthetic Metals</i> , 2016, 222, 34-41.	3.9	5
5	Reprint of "Graphene-quantum dot hybrid materials on the road to optoelectronic applications". <i>Synthetic Metals</i> , 2016, 222, 23-33.	3.9	5
6	Improved Hole Injection in Bulk Heterojunction (BHJ) Hybrid Solar Cells by Applying a Thermally Reduced Graphene Oxide Buffer Layer. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.	2.7	4
7	Green reduction of graphene oxide using a mixture of chocolate and coffee powder. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	4
8	Integration of Reduced Graphene Oxide in Platinum-Free Counter Electrode of Dye-Sensitized Solar Cell. <i>Materials Science Forum</i> , 0, 1000, 12-19.	0.3	3
9	Mapping 30 Years of Sustainability of Solar Energy Research in Developing Countries: Indonesia Case. <i>Sustainability</i> , 2021, 13, 11415.	3.2	3
10	Thiolated Carbon Nanotubes/CdSe Quantum Dot Based Hybrid Solar Cells with Improved Long-Term Stability. <i>Nano Hybrids</i> , 2015, 9, 7-14.	0.3	2
11	Enhanced Device Performance of Bulk Heterojunction (BHJ) Hybrid Solar Cells Based on Colloidal CdSe Quantum Dots (QDs) via Optimized Hexanoic Acid-Assisted Washing Treatment. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-6.	1.8	2
12	The Sustainability of Graphene Research: A Novel Approach in Assessing the Role of Higher Education Policies in Developing Countries" The Case of Indonesia. <i>Sustainability</i> , 2022, 14, 302.	3.2	2
13	Improved device performance of Bulk Heterojunction (BHJ) hybrid solar cells by optimization CdSe QDs/PCPDPTB ratio. , 2017, , .		0
14	Integration of Multiwalled Carbon Nanotubes in Bulk Heterojunction CdSe/PCPDPTB Hybrid Solar Cells. <i>Materials Science Forum</i> , 2018, 929, 150-157.	0.3	0
15	Integrasi Grafin Oksida Berbasis Larutan sebagai Material Penghantar Lubang pada Sel Surya Hibrid Bulk-Heterojunction (BHJ). <i>Prosiding Seminar Nasional Teknoka</i> , 0, 3, 23.	0.0	0