

Amal AlAmri

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

480
citations

1163117

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h-index

1474206

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12
all docs

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docs citations

12
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully Inkjet-Printed Photodetector Using a Graphene/Perovskite/Graphene Heterostructure. IEEE Transactions on Electron Devices, 2019, 66, 2657-2661.	3.0	116
2	Low temperature synthesis of CdSe capped 2-mercaptoethanol quantum dots. Optical Materials, 2012, 34, 1082-1086.	3.6	103
3	Low temperature growth of metastable cubic CdSe nanocrystals and their photoluminescence properties. Journal of Crystal Growth, 2011, 334, 76-79.	1.5	84
4	Enhancement of CdSe quantum dots luminescence by calcium ions. Journal of Luminescence, 2013, 134, 429-431.	3.1	81
5	Perovskite Methylammonium Lead Trihalide Heterostructures: Progress and Challenges. IEEE Nanotechnology Magazine, 2019, 18, 1-12.	2.0	64
6	Investigation and optimization of ultrathin Cu(In,Ga)Se ₂ solar cells by using silvaco-TCAD tools. Journal of Materials Science: Materials in Electronics, 2021, 32, 21525-21538.	2.2	9
7	Electrical and Optical Investigation of 2Tâ€™Perovskite/u-CIGS Tandem Solar Cells With ~30% Efficiency. IEEE Transactions on Electron Devices, 2022, 69, 3798-3806.	3.0	9
8	Efficiency Enhancement of InGaN-Based Solar Cells via Stacking Layers of Light-Harvesting Nanospheres. Scientific Reports, 2016, 6, 28671.	3.3	8
9	Numerical Investigation of Perovskite and u-CIGS Based Tandem Solar Cells Using Silvaco TCAD Simulation. Silicon, 2023, 15, 293-303.	3.3	4
10	Transformational electronics: a powerful way to revolutionize our information world. , 2014, , .		1
11	Effects of the Gate Dielectric Material on the Performance of a 14-nm SOI FinFET. , 2021, , .		1
12	Photonic Single Crystal Heterostructures based on Perovskites/Molybdenum disulfide. , 2018, , .		0