

Ameer Abdullah

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

91
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Durable Piezoelectric Nanogenerator by Heteroepitaxy of GaN Nanowires on Cu Foil for Enhanced Output Using Ambient Actuation Sources. <i>Advanced Energy Materials</i> , 2020, 10, 2002608.	19.5	26
2	Flexible self-powered piezoelectric pressure sensor based on GaN/p-GaN coaxial nanowires. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159661.	5.5	23
3	Stable and Efficient Photoelectrochemical Water Splitting of GaN Nanowire Photoanode Coated with Au Nanoparticles by Hot-Electron-Assisted Transport. <i>ACS Applied Energy Materials</i> , 2021, 4, 13759-13765.	5.1	12
4	GaN Nanowire Growth Promoted by In-Ga-Au Alloy Catalyst with Emphasis on Agglomeration Temperature and In Composition. <i>ACS Omega</i> , 2021, 6, 3173-3185.	3.5	9
5	Enhanced performance of a flexible and wearable piezoelectric nanogenerator using semi-insulating GaN:Mg/ZnO coaxial nanowires. <i>Nano Energy</i> , 2021, 90, 106552.	16.0	7
6	Self-powered and flexible piezo-sensors based on conductivity-controlled GaN nanowire-arrays for mimicking rapid- and slow-adapting mechanoreceptors. <i>Npj Flexible Electronics</i> , 2022, 6, .	10.7	6
7	Epitaxial Growth of GaN Core and InGaN/GaN Multiple Quantum Well Core/Shell Nanowires on a Thermally Conductive Beryllium Oxide Substrate. <i>ACS Omega</i> , 2020, 5, 17753-17760.	3.5	4
8	High Performance, Stable, and Flexible Piezoelectric Nanogenerator Based on GaN:Mg Nanowires Directly Grown on Tungsten Foil. <i>Small</i> , 2022, , 2200952.	10.0	4