

Youmin Rong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11798055/publications.pdf>

Version: 2024-02-01

12
papers

1,048
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2277
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquid Analogs of AlCl_3 with Urea Derivatives as Electrolytes for Aluminum Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1901928.	14.9	74
2	High Coulombic efficiency aluminum-ion battery using an AlCl_3 -urea ionic liquid analog electrolyte. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 834-839.	7.1	306
3	Photoinduced Schottky Barrier Lowering in 2D Monolayer WS_2 Photodetectors. <i>Advanced Optical Materials</i> , 2016, 4, 1573-1581.	7.3	62
4	Revealing Defect-State Photoluminescence in Monolayer WS_2 by Cryogenic Laser Processing. <i>ACS Nano</i> , 2016, 10, 5847-5855.	14.6	91
5	Doping Graphene Transistors Using Vertical Stacked Monolayer WS_2 Heterostructures Grown by Chemical Vapor Deposition. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1644-1652.	8.0	61
6	Biexciton Formation in Bilayer Tungsten Disulfide. <i>ACS Nano</i> , 2016, 10, 2176-2183.	14.6	57
7	Mixed multilayered vertical heterostructures utilizing strained monolayer WS_2 . <i>Nanoscale</i> , 2016, 8, 2639-2647.	5.6	27
8	Electroluminescence Dynamics across Grain Boundary Regions of Monolayer Tungsten Disulfide. <i>ACS Nano</i> , 2016, 10, 1093-1100.	14.6	31
9	Uniformity of large-area bilayer graphene grown by chemical vapor deposition. <i>Nanotechnology</i> , 2015, 26, 395601.	2.6	21
10	Layer-Dependent Modulation of Tungsten Disulfide Photoluminescence by Lateral Electric Fields. <i>ACS Nano</i> , 2015, 9, 2740-2748.	14.6	50
11	Controlled Preferential Oxidation of Grain Boundaries in Monolayer Tungsten Disulfide for Direct Optical Imaging. <i>ACS Nano</i> , 2015, 9, 3695-3703.	14.6	119
12	Controlling sulphur precursor addition for large single crystal domains of WS_2 . <i>Nanoscale</i> , 2014, 6, 12096-12103.	5.6	149