

Hongwei Guo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8613764/hongwei-guo-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

367
citations

8
h-index

14
g-index

14
ext. papers

453
ext. citations

12.5
avg, IF

2.3
L-index

#	Paper	IF	Citations
12	A self-powered high-performance graphene/silicon ultraviolet photodetector with ultra-shallow junction: breaking the limit of silicon?. <i>Npj 2D Materials and Applications</i> , 2017 , 1,	8.8	144
11	A Broadband Fluorographene Photodetector. <i>Advanced Materials</i> , 2017 , 29, 1700463	24	72
10	Transparent triboelectric generators based on glass and polydimethylsiloxane. <i>Nano Energy</i> , 2016 , 30, 235-241	17.1	40
9	Designing an Efficient Multimode Environmental Sensor Based on Graphene/Silicon Heterojunction. <i>Advanced Materials Technologies</i> , 2017 , 2, 1600262	6.8	38
8	High-performance, flexible graphene/ultra-thin silicon ultra-violet image sensor 2017 ,		15
7	Approaching the Collection Limit in Hot Electron Transistors with Ambipolar Hot Carrier Transport. <i>ACS Nano</i> , 2019 , 13, 14191-14197	16.7	15
6	All-Two-Dimensional-Material Hot Electron Transistor. <i>IEEE Electron Device Letters</i> , 2018 , 39, 634-637	4.4	14
5	Light-induced negative differential resistance in gate-controlled graphene-silicon photodiode. <i>Applied Physics Letters</i> , 2018 , 112, 201109	3.4	6
4	Graphene/silicon-quantum-dots/Si Schottky-PN cascade heterojunction for short-wavelength infrared photodetection 2017 ,		5
3	Fluorinated graphene and hexagonal boron nitride as ALD seed layers for graphene-based van der Waals heterostructures. <i>Nanotechnology</i> , 2014 , 25, 355202	3.4	5
2	Broadband Graphene Field-Effect Coupled Detectors: from Soft X-ray to Near-Infrared. <i>IEEE Electron Device Letters</i> , 2022 , 1-1	4.4	3
1	Photodetectors: A Broadband Fluorographene Photodetector (Adv. Mater. 22/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1