

Kang Hyuck Lee

List of Publications by Citations

Source: <https://exaly.com/author-pdf/12188180/kang-hyuck-lee-publications-by-citations.pdf>

Version: 2024-04-27

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.

17
papers

1,408
citations

11
h-index

18
g-index

18
ext. papers

1,662
ext. citations

15.7
avg, IF

4.39
L-index

#	Paper	IF	Citations
17	Large-scale synthesis of high-quality hexagonal boron nitride nanosheets for large-area graphene electronics. <i>Nano Letters</i> , 2012 , 12, 714-8	11.5	444
16	MXenes stretch hydrogel sensor performance to new limits. <i>Science Advances</i> , 2018 , 4, eaat0098	14.3	334
15	Transparent flexible graphene triboelectric nanogenerators. <i>Advanced Materials</i> , 2014 , 26, 3918-25	24	313
14	Point-Defect-Passivated MoS Nanosheet-Based High Performance Piezoelectric Nanogenerator. <i>Advanced Materials</i> , 2018 , 30, e1800342	24	78
13	Ultrasound-Driven Two-Dimensional TiCT MXene Hydrogel Generator. <i>ACS Nano</i> , 2020 , 14, 3199-3207	16.7	43
12	Self-powered transparent flexible graphene microheaters. <i>Nano Energy</i> , 2015 , 17, 356-365	17.1	33
11	Hexagonal boron nitride assisted growth of stoichiometric Al ₂ O ₃ dielectric on graphene for triboelectric nanogenerators. <i>Nano Energy</i> , 2015 , 12, 556-566	17.1	33
10	Noise and sensitivity characteristics of solid-state nanopores with a boron nitride 2-D membrane on a pyrex substrate. <i>Nanoscale</i> , 2016 , 8, 5755-63	7.7	30
9	Rewritable ghost floating gates by tunnelling triboelectrification for two-dimensional electronics. <i>Nature Communications</i> , 2017 , 8, 15891	17.4	27
8	Nanocrystalline-graphene-tailored hexagonal boron nitride thin films. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11493-7	16.4	21
7	Formation of hexagonal boron nitride by metal atomic vacancy-assisted B-N molecular diffusion. <i>ACS Nano</i> , 2015 , 9, 633-8	16.7	17
6	Highly Efficient Photocurrent Generation from Nanocrystalline Graphene-Molybdenum Disulfide Lateral Interfaces. <i>Advanced Materials</i> , 2016 , 28, 1793-8	24	8
5	Nanogenerators: Transparent Flexible Graphene Triboelectric Nanogenerators (Adv. Mater. 23/2014). <i>Advanced Materials</i> , 2014 , 26, 3778-3778	24	7
4	Muscle Fatigue Sensor Based on TiCT MXene Hydrogel.. <i>Small Methods</i> , 2021 , 5, e2100819	12.8	5
3	Nanocrystalline-Graphene-Tailored Hexagonal Boron Nitride Thin Films. <i>Angewandte Chemie</i> , 2014 , 126, 11677-11681	3.6	4
2	Synthesis of highly crystalline Ga-doped zinc-oxide nanoparticles for hybrid polymer solar cells. <i>Journal of the Korean Physical Society</i> , 2015 , 66, 1422-1425	0.6	3
1	Photocurrent Generation: Highly Efficient Photocurrent Generation from Nanocrystalline Graphene-Molybdenum Disulfide Lateral Interfaces (Adv. Mater. 9/2016). <i>Advanced Materials</i> , 2016 , 28, 1899-1899	24	1

