

Kang Hyuck Lee

List of Publications by Year in Descending Order

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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	Muscle Fatigue Sensor Based on Ti C T MXene Hydrogel.. <i>Small Methods</i> , 2021 , 5, e2100819	12.8	5
16	Ultrasound-Driven Two-Dimensional TiCT MXene Hydrogel Generator. <i>ACS Nano</i> , 2020 , 14, 3199-3207	16.7	43
15	Point-Defect-Passivated MoS Nanosheet-Based High Performance Piezoelectric Nanogenerator. <i>Advanced Materials</i> , 2018 , 30, e1800342	24	78
14	MXenes stretch hydrogel sensor performance to new limits. <i>Science Advances</i> , 2018 , 4, eaat0098	14.3	334
13	Rewritable ghost floating gates by tunnelling triboelectrification for two-dimensional electronics. <i>Nature Communications</i> , 2017 , 8, 15891	17.4	27
12	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
11	Highly Efficient Photocurrent Generation from Nanocrystalline Graphene-Molybdenum Disulfide Lateral Interfaces. <i>Advanced Materials</i> , 2016 , 28, 1793-8	24	8
10	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
9	Self-powered transparent flexible graphene microheaters. <i>Nano Energy</i> , 2015 , 17, 356-365	17.1	33
8	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
7	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
6	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
5	Transparent flexible graphene triboelectric nanogenerators. <i>Advanced Materials</i> , 2014 , 26, 3918-25	24	313
4	Nanocrystalline-graphene-tailored hexagonal boron nitride thin films. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11493-7	16.4	21
3	Nanogenerators: Transparent Flexible Graphene Triboelectric Nanogenerators (Adv. Mater. 23/2014). <i>Advanced Materials</i> , 2014 , 26, 3778-3778	24	7
2	Nanocrystalline-Graphene-Tailored Hexagonal Boron Nitride Thin Films. <i>Angewandte Chemie</i> , 2014 , 126, 11677-11681	3.6	4
1	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

