

List of Publications by Citations

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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.

22
papers

699
citations

12
h-index

22
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22
ext. papers

983
ext. citations

19.8
avg, IF

3.87
L-index

#	Paper	IF	Citations
22	Metal-Organic Framework-Based Separators for Enhancing LiS Battery Stability: Mechanism of Mitigating Polysulfide Diffusion. <i>ACS Energy Letters</i> , 2017 , 2, 2362-2367	20.1	160
21	Multidirection Piezoelectricity in Mono- and Multilayered Hexagonal HnSe. <i>ACS Nano</i> , 2018 , 12, 4976-4983	16.7	133
20	Mixed-dimensional MXene-hydrogel heterostructures for electronic skin sensors with ultrabroad working range. <i>Science Advances</i> , 2020 , 6,	14.3	74
19	Functional Two-Dimensional Coordination Polymeric Layer as a Charge Barrier in Li-S Batteries. <i>ACS Nano</i> , 2018 , 12, 836-843	16.7	63
18	3D Crumpled Ultrathin 1T MoS for Inkjet Printing of Mg-Ion Asymmetric Micro-supercapacitors. <i>ACS Nano</i> , 2020 , 14, 7308-7318	16.7	55
17	Aqueously Cathodic Deposition of ZIF-8 Membranes for Superior Propylene/Propane Separation. <i>Advanced Functional Materials</i> , 2020 , 30, 1907089	15.6	44
16	Ledge-directed epitaxy of continuously self-aligned single-crystalline nanoribbons of transition metal dichalcogenides. <i>Nature Materials</i> , 2020 , 19, 1300-1306	27	41
15	Metal-Guided Selective Growth of 2D Materials: Demonstration of a Bottom-Up CMOS Inverter. <i>Advanced Materials</i> , 2019 , 31, e1900861	24	28
14	Enhanced Emission from WSe2 Monolayers Coupled to Circular Bragg Gratings. <i>ACS Photonics</i> , 2018 , 5, 3950-3955	6.3	17
13	2D Cs2AgBiBr6 with Boosted Light-Matter Interaction for High-Performance Photodetectors. <i>Advanced Optical Materials</i> , 2021 , 9, 2001930	8.1	16
12	High- κ Perovskite membranes as insulators for two-dimensional transistors.. <i>Nature</i> , 2022 , 605, 262-267	50.4	16
11	Steam-Assisted Chemical Vapor Deposition of Zeolitic Imidazolate Framework 2020 , 2, 485-491		14
10	Growth of 2H stacked WSe2 bilayers on sapphire. <i>Nanoscale Horizons</i> , 2019 , 4, 1434-1442	10.8	11
9	Aberration-corrected STEM imaging of 2D materials: Artifacts and practical applications of threefold astigmatism. <i>Science Advances</i> , 2020 , 6,	14.3	7
8	Epitaxial Growth and Determination of Band Alignment of Bi2Te3/WSe2 Vertical van der Waals Heterojunctions 2020 , 2, 1351-1359		5
7	Two-Dimensional CsAgBiBr/WS Heterostructure-Based Photodetector with Boosted Detectivity via Interfacial Engineering.. <i>ACS Nano</i> , 2022 ,	16.7	5
6	Aqueous Cathodic Deposition: Aqueously Cathodic Deposition of ZIF-8 Membranes for Superior Propylene/Propane Separation (Adv. Funct. Mater. 7/2020). <i>Advanced Functional Materials</i> , 2020 , 30, 2070042	15.6	3

5	Strain-Directed Layer-By-Layer Epitaxy Toward van der Waals Homo- and Heterostructures 2021 , 3, 442-453	3
4	Resonant energy transfer between hexagonal boron nitride quantum emitters and atomically layered transition metal dichalcogenides. <i>2D Materials</i> , 2020 , 7, 045015	5.9 2
3	Wafer-scale single-orientation 2D layers by atomic edge-guided epitaxial growth.. <i>Chemical Society Reviews</i> , 2022 ,	58.5 2
2	2D Materials: Metal-Guided Selective Growth of 2D Materials: Demonstration of a Bottom-Up CMOS Inverter (Adv. Mater. 18/2019). <i>Advanced Materials</i> , 2019 , 31, 1970132	24 0
1	Two-Dimensional Materials-Based Static Random-Access Memory.. <i>Advanced Materials</i> , 2021 , e2107894	24 0