

Junghyeok Kwak

List of Publications by Year in descending order

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15
papers

524
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840776

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times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskite solar cells with an MoS ₂ electron transport layer. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7151-7158.	10.3	116
2	Hydrogen-doped viscoplastic liquid metal microparticles for stretchable printed metal lines. <i>Nature Materials</i> , 2021, 20, 533-540.	27.5	111
3	Hygroscopic Auxetic On-Skin Sensors for Easy-to-Handle Repeated Daily Use. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40141-40148.	8.0	69
4	Synthesis of 2D Metal Chalcogenide Thin Films through the Process Involving Solution-Phase Deposition. <i>Advanced Materials</i> , 2018, 30, e1707577.	21.0	43
5	Nonstoichiometric Nucleation and Growth of Multicomponent Nanocrystals in Solution. <i>Accounts of Chemical Research</i> , 2014, 47, 2887-2893.	15.6	38
6	Fabrication of Foldable Metal Interconnections by Hybridizing with Amorphous Carbon Ultrathin Anisotropic Conductive Film. <i>ACS Nano</i> , 2019, 13, 7175-7184.	14.6	27
7	Synthesis of Atomically Thin Transition Metal Ditelluride Films by Rapid Chemical Transformation in Solution Phase. <i>Chemistry of Materials</i> , 2018, 30, 2463-2473.	6.7	25
8	Microwave-assisted evolution of WO ₃ and WS ₂ /WO ₃ hierarchical nanotrees. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9654-9660.	10.3	18
9	Electroactive 1T-MoS ₂ Fluoroelastomer Ink for Intrinsically Stretchable Solid-State In-Plane Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26870-26878.	8.0	17
10	Microwave-assisted synthesis of group 5 transition metal dichalcogenide thin films. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11303-11311.	5.5	14
11	Surface Diffusion and Epitaxial Self-Planarization for Wafer-Scale Single-Grain Metal Chalcogenide Thin Films. <i>Advanced Materials</i> , 2021, 33, e2102252.	21.0	13
12	Eventual Chemical Transformation of Metals and Chalcogens into Metal Chalcogenide Nanoplates through a Surface Nucleation-Detachment-Reorganization Mechanism. <i>Chemistry of Materials</i> , 2017, 29, 3219-3227.	6.7	10
13	Polymer-Assisted Deposition of Al-Doped HfO ₂ Thin Film with Excellent Dielectric Properties. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900588.	3.7	9
14	The effect of Se doping on the growth of Te nanorods. <i>CrystEngComm</i> , 2015, 17, 5734-5743.	2.6	8
15	Au-Assisted catalytic growth of Si ₂ Te ₃ plates. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10561-10566.	5.5	6