

Changwon Seo

List of Publications by Year in descending order

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14
papers

655
citations

840776

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1058476

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14
docs citations

14
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1517
citing authors

#	ARTICLE	IF	CITATIONS
1	Biexciton Emission from Edges and Grain Boundaries of Triangular WS ₂ Monolayers. ACS Nano, 2016, 10, 2399-2405.	14.6	220
2	Impeding Exciton Exciton Annihilation in Monolayer WS ₂ by Laser Irradiation. ACS Photonics, 2018, 5, 2904-2911.	6.6	66
3	Efficient Energy Transfer (EnT) in Pyrene- and Porphyrin-Based Mixed-Ligand Metal-Organic Frameworks. ACS Applied Materials & Interfaces, 2017, 9, 38670-38677.	8.0	63
4	Simultaneous Hosting of Positive and Negative Trions and the Enhanced Direct Band Emission in MoSe ₂ /MoS ₂ Heterostacked Multilayers. ACS Nano, 2016, 10, 6211-6219.	14.6	62
5	Switchable, Tunable, and Directable Exciton Funneling in Periodically Wrinkled WS ₂ . Nano Letters, 2021, 21, 43-50.	9.1	49
6	Significant enhancement of photoresponsive characteristics and mobility of MoS ₂ -based transistors through hybridization with perovskite CsPbBr ₃ quantum dots. Nano Research, 2019, 12, 405-412.	10.4	33
7	Heterogeneous modulation of exciton emission in triangular WS ₂ monolayers by chemical treatment. Journal of Materials Chemistry C, 2017, 5, 6820-6827.	5.5	31
8	Simple Chemical Treatment to n-Dope Transition-Metal Dichalcogenides and Enhance the Optical and Electrical Characteristics. ACS Applied Materials & Interfaces, 2017, 9, 11950-11958.	8.0	31
9	Polymorphic Spin, Charge, and Lattice Waves in Vanadium Dioxide. Advanced Materials, 2020, 32, e1906578.	21.0	29
10	Distinctive Field-Effect Transistors and Ternary Inverters Using Cross-Type WSe ₂ /MoS ₂ Heterojunctions Treated with Polymer Acid. ACS Applied Materials & Interfaces, 2020, 12, 36530-36539.	8.0	25
11	Gate-Tunable Spin Exchange Interactions and Inversion of Magnetoresistance in Single Ferromagnetic ZnO Nanowires. ACS Nano, 2016, 10, 4618-4626.	14.6	19
12	Optically active charge transfer in hybrids of Alq ₃ nanoparticles and MoS ₂ monolayer. Nanotechnology, 2017, 28, 185702.	2.6	11
13	Enhanced luminescence and photocurrent of organic microrod/ZnO nanoparticle hybrid system: Nanoscale optical and electrical characteristics. Electronic Materials Letters, 2015, 11, 741-748.	2.2	8
14	Spectroscopic Evidence of Energy Transfer in BODIPY-Incorporated Nano-Porphyrinic Metal-Organic Frameworks. Nanomaterials, 2020, 10, 1925.	4.1	8