

Huashan Li

List of Publications by Year in descending order

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18
papers

1,077
citations

933447

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h-index

839539

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g-index

18
all docs

18
docs citations

18
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband transparent optical phase change materials for high-performance nonvolatile photonics. Nature Communications, 2019, 10, 4279.	12.8	349
2	Optically-controlled long-term storage and release of thermal energy in phase-change materials. Nature Communications, 2017, 8, 1446.	12.8	210
3	Polarity governs atomic interaction through two-dimensional materials. Nature Materials, 2018, 17, 999-1004.	27.5	182
4	Atomic Structure and Dynamics of Single Platinum Atom Interactions with Monolayer MoS ₂ . ACS Nano, 2017, 11, 3392-3403.	14.6	126
5	Ultralong 1D Vacancy Channels for Rapid Atomic Migration during 2D Void Formation in Monolayer MoS ₂ . ACS Nano, 2018, 12, 7721-7730.	14.6	54
6	Laser-engineered heavy hydrocarbons: Old materials with new opportunities. Science Advances, 2020, 6, eaaz5231.	10.3	40
7	Graphene Buffer Layer on SiC as a Release Layer for High-Quality Freestanding Semiconductor Membranes. Nano Letters, 2021, 21, 4013-4020.	9.1	34
8	Persistent luminescence found in Mg ²⁺ and Pr ³⁺ co-doped LiNbO ₃ single crystal. Journal of Materials Chemistry C, 2018, 6, 10067-10072.	5.5	28
9	Tuning the Potential Energy Landscape to Suppress Ostwald Ripening in Surface-Supported Catalyst Systems. Nano Letters, 2019, 19, 8388-8398.	9.1	12
10	Freestanding Organic Charge-Transfer Conformal Electronics. Nano Letters, 2018, 18, 4346-4354.	9.1	10
11	Functionalized Graphene Superlattice as a Single-Sheet Solar Cell. Advanced Functional Materials, 2015, 25, 5199-5205.	14.9	7
12	Thermometry strategy developed based on fluorescence contrast driven by varying excitations in codoped LiNbO ₃ . Photonics Research, 2020, 8, 135.	7.0	7
13	Cross-Linking and Charging Molecular Magnetolectronics. Nano Letters, 2021, 21, 4099-4105.	9.1	6
14	Charge Transport in Highly Heterogeneous Natural Carbonaceous Materials. Advanced Functional Materials, 2019, 29, 1904283.	14.9	5
15	Flexible Piezoelectricity of Two-Dimensional Materials Governed by Effective Berry Curvature. Journal of Physical Chemistry Letters, 2021, 12, 8220-8228.	4.6	3
16	Optimization of persistent luminescence via dopant concentration in LiNbO ₃ . Journal of Luminescence, 2022, 244, 118753.	3.1	2
17	A novel versatile instrument for combined studies of persistent luminescence, thermoluminescence, and mechanoluminescence in micro-scale. Review of Scientific Instruments, 2020, 91, 113103.	1.3	1
18	Intelligent Generation of Evolutionary Series in a Time-Variant Physical System via Series Pattern Recognition. Advanced Intelligent Systems, 2021, 3, 2000172.	6.1	1