Xi Wang

List of Publications by Year
in descending order

17	1,647	623188 14	887659 17
papers	citations	h-index	g-index

17	17	17	3050
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Light-induced ferromagnetism in moirÃ© superlattices. Nature, 2022, 604, 468-473.	13.7	61
2	Efficient and large-area all vacuum-deposited perovskite light-emitting diodes via spatial confinement. Nature Communications, 2021, 12, 4751.	5.8	90
3	MoirÃ© trions in MoSe2/WSe2 heterobilayers. Nature Nanotechnology, 2021, 16, 1208-1213.	15.6	50
4	Unraveling Strain Gradient Induced Electromechanical Coupling in Twisted Double Bilayer Graphene MoirÃ© Superlattices. Advanced Materials, 2021, 33, e2105879.	11.1	25
5	Could Nanocomposites Continue the Success of Halide Perovskites?. ACS Energy Letters, 2019, 4, 1446-1454.	8.8	9
6	Suppressed phase separation of mixed-halide perovskites confined in endotaxial matrices. Nature Communications, 2019, 10, 695.	5.8	156
7	Light Emitting Diodes Based on Inorganic Composite Halide Perovskites. Advanced Functional Materials, 2019, 29, 1807345.	7.8	65
8	Highly Efficient Spectrally Stable Red Perovskite Lightâ€Emitting Diodes. Advanced Materials, 2018, 30, e1707093.	11.1	184
9	Remote Phononic Effects in Epitaxial Ruddlesdenâ€“Popper Halide Perovskites. Journal of Physical Chemistry Letters, 2018, 9, 6676-6682.	2.1	22
10	Light-Emitting Diodes: Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	11.1	7
11	Van Der Waals Hybrid Perovskite of High Optical Quality by Chemical Vapor Deposition. Advanced Optical Materials, 2017, 5, 1700373.	3.6	27
12	Composite Perovskites of Cesium Lead Bromide for Optimized Photoluminescence. Journal of Physical Chemistry Letters, 2017, 8, 3266-3271.	2.1	108
13	Dynamic Electronic Junctions in Organicâ€“Inorganic Hybrid Perovskites. Nano Letters, 2017, 17, 4831-4839.	4.5	26
14	Bright Lightâ€Emitting Diodes Based on Organometal Halide Perovskite Nanoplatelets. Advanced Materials, 2016, 28, 305-311.	11.1	463
15	Enhanced Optical and Electrical Properties of Polymerâ€Assisted Allâ€Inorganic Perovskites for Lightâ€Emitting Diodes. Advanced Materials, 2016, 28, 8983-8989.	11.1	326
16	Distinguishing the Photothermal and Photoinjection Effects in Vanadium Dioxide Nanowires. Nano Letters, 2015, 15, 7037-7042.	4.5	26
17	Optimal beam diameter for lateral optical forces on microspheres at a water-air interface. Chinese Optics Letters, 2014, 12, 011403-11406.	1.3	2