

# Lintao Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12109275/publications.pdf>

Version: 2024-02-01

11  
papers

184  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence Induced by Substitutional Nitrogen in Single-Layer Tungsten Disulfide. ACS Nano, 2022, 16, 7428-7437.	14.6	7
2	Amorphous to Crystal Phase Change Memory Effect with Two-Fold Bandgap Difference in Semiconducting $K_2Bi_8Se_{13}$ . Journal of the American Chemical Society, 2021, 143, 6221-6228.	13.7	9
3	Defect creation in $WSe_2$ with a microsecond photoluminescence lifetime by focused ion beam irradiation. Nanoscale, 2020, 12, 2047-2056.	5.6	30
4	Creation of Single-Photon Emitters in $WSe_2$ Monolayers Using Nanometer-Sized Gold Tips. Nano Letters, 2020, 20, 5866-5872.	9.1	33
5	Bright trion emission from semiconductor nanoplatelets. Physical Review Materials, 2020, 4, .	2.4	24
6	All-Electrical Determination of Crystal Orientation in Anisotropic Two-Dimensional Materials. Physical Review Letters, 2018, 120, 086801.	7.8	17
7	Polycrystalline $ZrTe_5$ Parametrized as a Narrow-Band-Gap Semiconductor for Thermoelectric Performance. Physical Review Applied, 2018, 9, .	3.8	26
8	Multistates and Polyamorphism in Phase-Change $K_2Sb_8Se_{13}$ . Journal of the American Chemical Society, 2018, 140, 9261-9268.	13.7	12
9	Analysis of Carrier Transport in n-Type $Hg_{1-x}Cd_xTe$ with Ultra-Low Doping Concentration. Journal of Electronic Materials, 2018, 47, 5699-5704.	2.2	2
10	Evaporative Thinning: A Facile Synthesis Method for High Quality Ultrathin Layers of 2D Crystals. ACS Nano, 2014, 8, 10851-10857.	14.6	23
11	Field-effect conductivity scaling for two-dimensional materials with tunable impurity density. 2D Materials, 0, , .	4.4	1