

# Zhe Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7694998/publications.pdf>

Version: 2024-02-01

18  
papers

1,236  
citations

686830

13  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft-lock drawing of super-aligned carbon nanotube bundles for nanometre electrical contacts. <i>Nature Nanotechnology</i> , 2022, 17, 278-284.	15.6	24
2	MXene-supported, Atomic-layered Iridium Catalysts Created by Nanoparticle Re-dispersion for Efficient Alkaline Hydrogen Evolution. <i>Small</i> , 2022, 18, e2105226.	5.2	16
3	Manipulate intestinal organoids with niobium carbide nanosheets. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 479-487.	2.1	12
4	Onset of High Methane Combustion Rates over Supported Palladium Catalysts: From Isolated Pd Cations to PdO Nanoparticles. <i>Jacs Au</i> , 2021, 1, 396-408.	3.6	37
5	FeNi nanoparticles on Mo <sub>2</sub> TiC <sub>2</sub> T <sub>x</sub> MXene@nickel foam as robust electrocatalysts for overall water splitting. <i>Nano Research</i> , 2021, 14, 3474-3481.	5.8	56
6	Direct methane activation by atomically thin platinum nanolayers on two-dimensional metal carbides. <i>Nature Catalysis</i> , 2021, 4, 882-891.	16.1	63
7	Origin of inhomogeneity in spark plasma sintered bismuth antimony telluride thermoelectric nanocomposites. <i>Nano Research</i> , 2020, 13, 1339-1346.	5.8	4
8	In Situ Formed Pt <sub>3</sub> Ti Nanoparticles on a Two-Dimensional Transition Metal Carbide (MXene) Used as Efficient Catalysts for Hydrogen Evolution Reactions. <i>Nano Letters</i> , 2019, 19, 5102-5108.	4.5	133
9	2D Early Transition Metal Carbides (MXenes) for Catalysis. <i>Small</i> , 2019, 15, e1804736.	5.2	239
10	Manipulating Band Structure through Reconstruction of Binary Metal Sulfide for High-Performance Thermoelectrics in Solution-Synthesized Nanostructured Bi <sub>13</sub> S <sub>18</sub> I <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2413-2418.	7.2	20
11	Manipulating Band Structure through Reconstruction of Binary Metal Sulfide for High-Performance Thermoelectrics in Solution-Synthesized Nanostructured Bi <sub>13</sub> S <sub>18</sub> I <sub>2</sub> . <i>Angewandte Chemie</i> , 2018, 130, 2437-2442.	1.6	11
12	Two-dimensional transition metal carbides as supports for tuning the chemistry of catalytic nanoparticles. <i>Nature Communications</i> , 2018, 9, 5258.	5.8	188
13	Changes in Catalytic and Adsorptive Properties of 2 nm Pt <sub>3</sub> Mn Nanoparticles by Subsurface Atoms. <i>Journal of the American Chemical Society</i> , 2018, 140, 14870-14877.	6.6	121
14	Constructing Highly Porous Thermoelectric Monoliths with High-Performance and Improved Portability from Solution-Synthesized Shape-Controlled Nanocrystals. <i>Nano Letters</i> , 2018, 18, 4034-4039.	4.5	38
15	Creating Zipper-Like van der Waals Gap Discontinuity in Low-Temperature-Processed Nanostructured PbBi <sub>2</sub> Te <sub>1+3n</sub> : Enhanced Phonon Scattering and Improved Thermoelectric Performance. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10938-10943.	7.2	11
16	Creating Zipper-Like van der Waals Gap Discontinuity in Low-Temperature-Processed Nanostructured PbBi <sub>2</sub> Te <sub>1+3n</sub> : Enhanced Phonon Scattering and Improved Thermoelectric Performance. <i>Angewandte Chemie</i> , 2018, 130, 11104-11109.	1.6	1
17	Reactive metal-support interactions at moderate temperature in two-dimensional niobium-carbide-supported platinum catalysts. <i>Nature Catalysis</i> , 2018, 1, 349-355.	16.1	244
18	Large-scale, Solution-Synthesized Nanostructured Composites for Thermoelectric Applications. <i>Advanced Materials</i> , 2018, 30, e1801904.	11.1	16