

# Jinxin Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,429  
citations

471509

17  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2601  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Exploring Two-Dimensional Materials toward the Next-Generation Circuits: From Monomer Design to Assembly Control. <i>Chemical Reviews</i> , 2018, 118, 6236-6296.                          | 47.7 | 410       |
| 2  | Engineering 2D Architectures toward High-Performance Micro-Supercapacitors. <i>Advanced Materials</i> , 2019, 31, e1802793.  | 21.0 | 202       |
| 3  | Growth of 2D GaN Single Crystals on Liquid Metals. <i>Journal of the American Chemical Society</i> , 2018, 140, 16392-16395.   | 13.7 | 183       |
| 4  | Self-Assembly of Graphene Single Crystals with Uniform Size and Orientation: The First 2D Super-Ordered Structure. <i>Journal of the American Chemical Society</i> , 2016, 138, 7812-7815. | 13.7 | 88        |
| 5  | Bandgap tuning of two-dimensional materials by sphere diameter engineering. <i>Nature Materials</i> , 2020, 19, 528-533.   | 27.5 | 80        |
| 6  | Newborn 2D materials for flexible energy conversion and storage. <i>Science China Materials</i> , 2016, 59, 459-474.   | 6.3  | 57        |
| 7  | Ultrafast Self-Limited Growth of Strictly Monolayer WSe <sub>2</sub> Crystals. <i>Small</i> , 2016, 12, 5741-5749.   | 10.0 | 57        |
| 8  | Controllable Growth of Graphene on Liquid Surfaces. <i>Advanced Materials</i> , 2019, 31, e1800690.  | 21.0 | 47        |
| 9  | Self-Aligned Single-Crystalline Hexagonal Boron Nitride Arrays: Toward Higher Integrated Electronic Devices. <i>Advanced Electronic Materials</i> , 2015, 1, 1500223.                      | 5.1  | 46        |
| 10 | Universal Substrate-Trapping Strategy To Grow Strictly Monolayer Transition Metal Dichalcogenides Crystals. <i>Chemistry of Materials</i> , 2017, 29, 6095-6103.                           | 6.7  | 40        |
| 11 | GaN in different dimensionalities: Properties, synthesis, and applications. <i>Materials Science and Engineering Reports</i> , 2019, 138, 60-84.   | 31.8 | 39        |
| 12 | Universal growth of ultra-thin III-V semiconductor single crystals. <i>Nature Communications</i> , 2020, 11, 3979.   | 12.8 | 34        |
| 13 | Growth of Uniform Monolayer Graphene Using Iron-Group Metals via the Formation of an Antiperovskite Layer. <i>Chemistry of Materials</i> , 2015, 27, 8230-8236.                            | 6.7  | 23        |
| 14 | Space-confined growth of metal halide perovskite crystal films. <i>Nano Research</i> , 2021, 14, 1609-1624.  | 10.4 | 23        |
| 15 | Conductive 2D Conjugated Metal-Organic Framework Thin Films: Synthesis and Functions for (Opto-)electronics. <i>Small Structures</i> , 2022, 3, .  | 12.0 | 23        |
| 16 | Controllable Fabrication of Nanostructured Graphene Towards Electronics. <i>Advanced Electronic Materials</i> , 2016, 2, 1500456.  | 5.1  | 22        |
| 17 | Ultrahigh Temperature Graphene Molecular Heater. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701299.  | 3.7  | 21        |
| 18 | The Universal Growth of Ultrathin Perovskite Single Crystals. <i>Advanced Materials</i> , 2022, 34, e2108396.  | 21.0 | 11        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Regulation of Two-Dimensional Lattice Deformation Recovery. IScience, 2019, 13, 277-283.   | 4.1  | 6         |
| 20 | Graphene: Controllable Growth of Graphene on Liquid Surfaces (Adv. Mater. 9/2019). Advanced Materials, 2019, 31, 1970060.                      | 21.0 | 6         |
| 21 | Integrating Properties Modification in the Synthesis of Metal Halide Perovskites. Advanced Materials Technologies, 2019, 4, 1800321.           | 5.8  | 5         |
| 22 | Nanophase graphene frameworks. Nanoscale, 2019, 11, 9264-9269.   | 5.6  | 4         |
| 23 | Monolayer Crystals: Ultrafast Self-Limited Growth of Strictly Monolayer WSe <sub>2</sub> Crystals (Small 41/2016). Small, 2016, 12, 5780-5780. | 10.0 | 0         |