

# Xin Ning

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2510337/publications.pdf>

Version: 2024-02-01

18  
papers

979  
citations

623188

14  
h-index

839053

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly of Advanced Materials into 3D Functional Structures by Methods Inspired by Origami and Kirigami: A Review. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800284.	1.9	195
2	Wireless optoelectronic photometers for monitoring neuronal dynamics in the deep brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1374-E1383.	3.3	167
3	Needle-shaped ultrathin piezoelectric microsystem for guided tissue targeting via mechanical sensing. <i>Nature Biomedical Engineering</i> , 2018, 2, 165-172.	11.6	108
4	Flexible and Stretchable 3D Sensors for Thermal Characterization of Human Skin. <i>Advanced Functional Materials</i> , 2017, 27, 1701282.	7.8	90
5	Mechanically active materials in three-dimensional mesostructures. <i>Science Advances</i> , 2018, 4, eaat8313.	4.7	89
6	Engineered Elastomer Substrates for Guided Assembly of Complex 3D Mesostructures by Spatially Nonuniform Compressive Buckling. <i>Advanced Functional Materials</i> , 2017, 27, 1604281.	7.8	50
7	Vibration of mechanically-assembled 3D microstructures formed by compressive buckling. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 112, 187-208.	2.3	44
8	3D Tunable, Multiscale, and Multistable Vibrational Microplatforms Assembled by Compressive Buckling. <i>Advanced Functional Materials</i> , 2017, 27, 1605914.	7.8	43
9	Polyethylene Grafted Silica Nanoparticles Prepared via Surface-Initiated ROMP. <i>ACS Macro Letters</i> , 2019, 8, 228-232.	2.3	36
10	Influences of coupling agent on thermal properties, flammability and mechanical properties of polypropylene/thermoplastic polyurethanes composites filled with expanded graphite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 689-695.	2.0	34
11	Polymer ligand-induced autonomous sorting and reversible phase separation in binary particle blends. <i>Science Advances</i> , 2016, 2, e1601484.	4.7	30
12	Compliant 3D frameworks instrumented with strain sensors for characterization of millimeter-scale engineered muscle tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
13	Nanoparticle Organization by Growing Polyethylene Crystal Fronts. <i>ACS Macro Letters</i> , 2019, 8, 1341-1346.	2.3	23
14	Electrical properties of epoxy/ZnO nano-composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12765-12770.	1.1	16
15	Comparative study of water-soluble polysaccharides isolated from leaves and roots of <i>Isatis indigotica</i> Fort.. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 642-652.	3.6	10
16	Sensors: Flexible and Stretchable 3D Sensors for Thermal Characterization of Human Skin (Adv. Funct.)	7.8	9
17	The Thermal Stability and Flammability of Expandable Graphite-Filled Polypropylene/Thermoplastic Polyurethane Blends. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 756-768.	0.4	4
18	Dye doped concentric shell nanoparticles for enhanced photophysical performance of downconverting light emitting diodes. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 753-760.	5.0	4