

# Xin Ning

## List of Publications by Year in descending order

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

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18  
papers

979  
citations

623188

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839053

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docs citations

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1866  
citing authors

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