Yongliang Ni

List of Publications by Year
in descending order

11	696	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reconfigurable photonic crystals enabled by pressure-responsive shape-memory polymers. Nature Communications, 2015, 6, 7416.	12.8	238
2	Chromogenic Photonic Crystals Enabled by Novel Vaporâ€Responsive Shapeâ€Memory Polymers. Advanced Materials, 2015, 27, 3696-3704.	21.0	155
3	Chromogenic Photonic Crystal Sensors Enabled by Multistimuliâ€Responsive Shape Memory Polymers. Small, 2018, 14, e1703515.	10.0	72
4	Direct Writing of Three-Dimensional Macroporous Photonic Crystals on Pressure-Responsive Shape Memory Polymers. ACS Applied Materials & Interfaces, 2015, 7, 23650-23659.	8.0	64
5	Reconfigurable Photonic Crystals Enabled by Multistimuli-Responsive Shape Memory Polymers Possessing Room Temperature Shape Processability. ACS Applied Materials & Interfaces, 2017, 9, 5457-5467.	8.0	59
6	Optically Bistable Macroporous Photonic Crystals Enabled by Thermoresponsive Shape Memory Polymers. Advanced Optical Materials, 2015, 3, 1509-1516.	7.3	48
7	Programmable Macroporous Photonic Crystals Enabled by Swellingâ€Induced Allâ€Roomâ€Temperature Shape Memory Effects. Advanced Functional Materials, 2017, 27, 1703522.	14.9	31
8	Unconventional Shape Memory Mechanisms of Nanoporous Polymer Photonic Crystals: Implications for Nano-Optical Coatings and Devices. ACS Applied Nano Materials, 2018, 1, 6081-6090.	5.0	16
9	Hierarchical Characterization and Nanomechanical Assessment of Biomimetic Scaffolds Mimicking Lamellar Bone via Atomic Force Microscopy Cantilever-Based Nanoindentation. Materials, 2018, 11, 1257.	2.9	10
10	Switchable Friction Coefficient on Shape Memory Photonic Crystals. MRS Advances, 2020, 5, 757-763.	0.9	2
11	Photonic Crystals: Optically Bistable Macroporous Photonic Crystals Enabled by Thermoresponsive Shape Memory Polymers (Advanced Optical Materials 11/2015). Advanced Optical Materials, 2015, 3, 1508-1508.	7.3	1