Dongdong Lu

List of Publications by Year
in descending order

11	164	1163117 8	1372567 10
papers	citations	h-index	g-index

11	11	11	294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Including fluorescent nanoparticle probes within injectable gels for remote strain measurements and discrimination between compression and tension. Soft Matter, 2021, 17, 1048-1055.	2.7	2
2	Triply-responsive OEG-based microgels and hydrogels: regulation of swelling ratio, volume phase transition temperatures and mechanical properties. Polymer Chemistry, 2021, 12, 4406-4417.	3.9	1
3	Highly swelling pH-responsive microgels for dual mode near infra-red fluorescence reporting and imaging. Nanoscale Advances, 2020, 2, 4261-4271.	4.6	8
4	Programmed Multiresponsive Hydrogel Assemblies with Lightâ€Tunable Mechanical Properties, Actuation, and Fluorescence. Advanced Functional Materials, 2020, 30, 1909359.	14.9	43
5	Self-curing super-stretchable polymer/microgel complex coacervate gels without covalent bond formation. Chemical Science, 2019, 10, 8832-8839.	7.4	15
6	Do the properties of gels constructed by interlinking triply-responsive microgels follow from those of the building blocks?. Soft Matter, 2019, 15, 527-536.	2.7	10
7	Using green emitting pH-responsive nanogels to report environmental changes within hydrogels: a nanoprobe for versatile sensing. Nanoscale, 2019, 11, 11484-11495.	5.6	10
8	Triply responsive coumarin-based microgels with remarkably large photo-switchable swelling. Polymer Chemistry, 2019, 10, 2516-2526.	3.9	26
9	Highly deformable hydrogels constructed by pH-triggered polyacid nanoparticle disassembly in aqueous dispersions. Soft Matter, 2018, 14, 3510-3520.	2.7	5
10	Plasmonic and colloidal stability behaviours of Au-acrylic coreâ€“shell nanoparticles with thin pH-responsive shells. Nanoscale, 2018, 10, 18565-18575.	5.6	11
11	Responsive Nanogel Probe for Ratiometric Fluorescent Sensing of pH and Strain in Hydrogels. ACS Macro Letters, 2017, 6, 1245-1250.	4.8	33