

# Dongdong Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7652133/publications.pdf>

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11  
papers

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1163117

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1372567

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times ranked

294  
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#	ARTICLE	IF	CITATIONS
1	Programmed Multiresponsive Hydrogel Assemblies with Light-Tunable Mechanical Properties, Actuation, and Fluorescence. <i>Advanced Functional Materials</i> , 2020, 30, 1909359.	14.9	43
2	Responsive Nanogel Probe for Ratiometric Fluorescent Sensing of pH and Strain in Hydrogels. <i>ACS Macro Letters</i> , 2017, 6, 1245-1250.	4.8	33
3	Triply responsive coumarin-based microgels with remarkably large photo-switchable swelling. <i>Polymer Chemistry</i> , 2019, 10, 2516-2526.	3.9	26
4	Self-curing super-stretchable polymer/microgel complex coacervate gels without covalent bond formation. <i>Chemical Science</i> , 2019, 10, 8832-8839.	7.4	15
5	Plasmonic and colloidal stability behaviours of Au-acrylic core-shell nanoparticles with thin pH-responsive shells. <i>Nanoscale</i> , 2018, 10, 18565-18575.	5.6	11
6	Do the properties of gels constructed by interlinking triply-responsive microgels follow from those of the building blocks?. <i>Soft Matter</i> , 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. <i>Nanoscale</i> , 2019, 11, 11484-11495.	5.6	10
8	Highly swelling pH-responsive microgels for dual mode near infra-red fluorescence reporting and imaging. <i>Nanoscale Advances</i> , 2020, 2, 4261-4271.	4.6	8
9	Highly deformable hydrogels constructed by pH-triggered polyacid nanoparticle disassembly in aqueous dispersions. <i>Soft Matter</i> , 2018, 14, 3510-3520.	2.7	5
10	Including fluorescent nanoparticle probes within injectable gels for remote strain measurements and discrimination between compression and tension. <i>Soft Matter</i> , 2021, 17, 1048-1055.	2.7	2
11	Triply-responsive OEG-based microgels and hydrogels: regulation of swelling ratio, volume phase transition temperatures and mechanical properties. <i>Polymer Chemistry</i> , 2021, 12, 4406-4417.	3.9	1