

Yuanyuan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

331
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyelectrolyte Multilayer Films for Building Energetic Walking Devices. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6254-6257.	13.8	161
2	Reversible Actuation of Polyelectrolyte Films: Expansion-Induced Mechanical Force Enables <i>cis</i> → <i>trans</i> Isomerization of Azobenzenes. <i>Langmuir</i> , 2013, 29, 14919-14925.	3.5	26
3	Interfacial jamming reinforced Pickering emulgel for arbitrary architected nanocomposite with connected nanomaterial matrix. <i>Nature Communications</i> , 2021, 12, 111.	12.8	24
4	Multilevel and Multicomponent Layer-by-Layer Assembly for the Fabrication of Nanofibrillar Films. <i>ACS Nano</i> , 2015, 9, 7124-7132.	14.6	20
5	One-Step Generation of Multistimuli-Responsive Microcapsules via the Multilevel Interfacial Assembly of Polymeric Complexes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43741-43750.	8.0	11
6	Programmable Light-Activated Gradient Materials Based on Graphene-Polymer Composites. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701374.	3.7	8
7	Salt-Triggered Release of Hydrophobic Agents from Polyelectrolyte Capsules Generated via One-Step Interfacial Multilevel and Multicomponent Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38353-38360.	8.0	7
8	Programmable construction of vasculature by printing in cementitious materials for self-healing application. <i>Composites Part B: Engineering</i> , 2022, 242, 110056.	12.0	6
9	Manufacturing of integral hydrophobic concrete (IHC) using Pickering emulsion with limited effects on mechanical strength. <i>Construction and Building Materials</i> , 2021, 312, 125319.	7.2	4
10	Visualization and quantification of water penetration in cement pastes with different crack sizes. <i>Construction and Building Materials</i> , 2022, 341, 127728.	7.2	3