

Zachary A Digby

List of Publications by Year in descending order

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14
papers

696
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Salt Resistance as a Measure of the Strength of Polyelectrolyte Complexation. <i>Macromolecules</i> , 2022, 55, 978-988.	4.8	22
2	Valence-induced jumps in coacervate properties. <i>Science Advances</i> , 2022, 8, eabm4783.	10.3	9
3	Ultraviscosity in Entangled Polyelectrolyte Complexes and Coacervates. <i>Macromolecules</i> , 2020, 53, 4234-4246.	4.8	44
4	Precision Doping of Polyelectrolyte Complexes: Insight on the Role of Ions. <i>Macromolecules</i> , 2020, 53, 5465-5474.	4.8	38
5	Controlling polymer architecture to design dynamic network materials with multiple dynamic linkers. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1267-1276.	3.4	8
6	Ion Content of Polyelectrolyte Complex Coacervates and the Donnan Equilibrium. <i>Macromolecules</i> , 2019, 52, 9149-9159.	4.8	78
7	Dual-dynamic interpenetrated networks tuned through macromolecular architecture. <i>Polymer Chemistry</i> , 2019, 10, 6290-6304.	3.9	40
8	Anilinium Salts in Polymer Networks for Materials with Mechanical Stability and Mild Thermally Induced Dynamic Properties. <i>ACS Macro Letters</i> , 2019, 8, 95-100.	4.8	51
9	Probing the mechanism of thermally driven thiol-Michael dynamic covalent chemistry. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2725-2734.	2.8	41
10	Tuning thermoresponsive network materials through macromolecular architecture and dynamic thiol-Michael chemistry. <i>Polymer Chemistry</i> , 2018, 9, 4744-4756.	3.9	36
11	Dual stimuli responsive self-healing and malleable materials based on dynamic thiol-Michael chemistry. <i>Polymer Chemistry</i> , 2017, 8, 6534-6543.	3.9	54
12	Visible and sunlight driven RAFT photopolymerization accelerated by amines: kinetics and mechanism. <i>Polymer Chemistry</i> , 2016, 7, 6626-6636.	3.9	63
13	Dynamic Thiol-Michael Chemistry for Thermoresponsive Rehealable and Malleable Networks. <i>Macromolecules</i> , 2016, 49, 6871-6878.	4.8	123
14	Self-healing, malleable and creep limiting materials using both supramolecular and reversible covalent linkages. <i>Polymer Chemistry</i> , 2015, 6, 7368-7372.	3.9	89