Zachary A Digby

List of Publications by Year
in descending order

14	696	759233 12	1058476 14
papers	citations	h-index	g-index

14	14	14	823
all docs	docs citations	times ranked	citing authors

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