

Grant W Fahnhorst

List of Publications by Year in descending order

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11
papers

210
citations

1307594

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1372567

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docs citations

11
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	4-Carboalkoxylated Polyvalerolactones from Malic Acid: Tough and Degradable Polyesters. <i>Macromolecules</i> , 2020, 53, 3194-3201.	4.8	17
2	Hydrolytically-degradable homo- and copolymers of a strained exocyclic hemiacetal ester. <i>Polymer Chemistry</i> , 2019, 10, 4573-4583.	3.9	24
3	Iodination of vanillin and subsequent Suzuki-Miyaura coupling: two-step synthetic sequence teaching green chemistry principles. <i>Green Chemistry Letters and Reviews</i> , 2019, 12, 117-126.	4.7	7
4	Superabsorbent Poly(isoprenecarboxylate) Hydrogels from Glucose. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7491-7495.	6.7	8
5	A Carbomethoxylated Polyvalerolactone from Malic Acid: Synthesis and Divergent Chemical Recycling. <i>ACS Macro Letters</i> , 2018, 7, 143-147.	4.8	63
6	Isomerization of Linear to Hyperbranched Polymers: Two Isomeric Lactones Converge via Metastable Isostructural Polyesters to a Highly Branched Analogue. <i>ACS Macro Letters</i> , 2018, 7, 1144-1148.	4.8	8
7	Engineering the production of dipicolinic acid in <i>E. coli</i> . <i>Metabolic Engineering</i> , 2018, 48, 208-217.	7.0	30
8	Star vs long chain branching of poly(lactic acid) with multifunctional aziridine. <i>Journal of Rheology</i> , 2017, 61, 785-796.	2.6	40
9	Long chain branching of PLA. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
10	Synthesis and Study of Sustainable Polymers in the Organic Chemistry Laboratory: An Inquiry-Based Experiment Exploring the Effects of Size and Composition on the Properties of Renewable Block Polymers. <i>ACS Symposium Series</i> , 2016, , 123-147.	0.5	6
11	Poly(isoprenecarboxylates) from Glucose via Anhydromevalonolactone. <i>ACS Macro Letters</i> , 2016, 5, 1128-1131.	4.8	7