

Matthew K Kiesewetter

List of Publications by Year in descending order

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22
papers

1,841
citations

471061

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docs citations

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times ranked

1750
citing authors

#	ARTICLE	IF	CITATIONS
1	Organocatalytic ring-opening polymerization of thionolactones: anything O can do, S can do better. <i>Polymer Chemistry</i> , 2021, 12, 1458-1464.	1.9	8
2	The mechanistic duality of (thio)urea organocatalysts for ring-opening polymerization. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3305-3313.	1.5	31
3	Bisurea and Bisthiourea H-Bonding Organocatalysts for Ring-Opening Polymerization: Cues for the Catalyst Design. <i>Macromolecules</i> , 2019, 52, 9232-9237.	2.2	22
4	Synthesizing Stilbene by Olefin Metathesis Reaction Using Guided Inquiry To Compare and Contrast Wittig and Metathesis Methodologies. <i>Journal of Chemical Education</i> , 2019, 96, 143-147.	1.1	12
5	Urea and Thiourea H-Bond Donating Catalysts for Ring-Opening Polymerization: Mechanistic Insights via (Non)linear Free Energy Relationships. <i>Macromolecules</i> , 2018, 51, 3203-3211.	2.2	50
6	H-Bonding Organocatalysts for Ring-Opening Polymerization at Elevated Temperatures. <i>Macromolecules</i> , 2018, 51, 10121-10126.	2.2	27
7	Quantitative Measurements of Polymer Hydrophobicity Based on Functional Group Identity and Oligomer Length. <i>Macromolecules</i> , 2018, 51, 8461-8468.	2.2	33
8	Coupled equilibria in H-bond donating ring-opening polymerization: The effective catalyst-determined shift of a polymerization equilibrium. <i>European Polymer Journal</i> , 2017, 95, 671-677.	2.6	11
9	Triclocarban: Commercial Antibacterial and Highly Effective H-Bond Donating Catalyst for Ring-Opening Polymerization. <i>ACS Macro Letters</i> , 2017, 6, 421-425.	2.3	42
10	H-Bonding Organocatalysts for the Living, Solvent-Free Ring-Opening Polymerization of Lactones: Toward an All-Lactones, All-Conditions Approach. <i>Macromolecules</i> , 2017, 50, 8948-8954.	2.2	51
11	Bis- and Tris-Urea H-Bond Donors for Ring-Opening Polymerization: Unprecedented Activity and Control from an Organocatalyst. <i>ACS Macro Letters</i> , 2016, 5, 982-986.	2.3	69
12	Controlled Organocatalytic Ring-Opening Polymerization of $\hat{\mu}$ -Thionocaprolactone. <i>Macromolecules</i> , 2016, 49, 774-780.	2.2	42
13	Rate Accelerated Organocatalytic Ring-Opening Polymerization of ϵ -Lactide via the Application of a Bis(thiourea) H-bond Donating Cocatalyst. <i>Macromolecules</i> , 2015, 48, 6127-6131.	2.2	50
14	Poly(thioester) by Organocatalytic Ring-Opening Polymerization. <i>Macromolecules</i> , 2015, 48, 5481-5486.	2.2	76
15	Cocatalyst Binding Effects in Organocatalytic Ring-Opening Polymerization of ϵ -Lactide. <i>Macromolecules</i> , 2015, 48, 6121-6126.	2.2	39
16	Cooperative Hydrogen-Bond Pairing in Organocatalytic Ring-Opening Polymerization. <i>Macromolecules</i> , 2014, 47, 7463-7468.	2.2	60
17	Designed guanidinium-rich amphipathic oligocarbonate molecular transporters complex, deliver and release siRNA in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13171-13176.	3.3	107
18	Polycondensation of Butenediol: Synthesis of Telechelic 2-Butene-1,4-diol Oligomers. <i>Journal of the American Chemical Society</i> , 2011, 133, 16390-16393.	6.6	17

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19	Kinetics of an Air- and Water-Stable Ruthenium(IV) Catalyst for the Deprotection of Allyl Alcohol in Water. <i>Organometallics</i> , 2010, 29, 6051-6056.	1.1	14
20	Organocatalysis: Opportunities and Challenges for Polymer Synthesis. <i>Macromolecules</i> , 2010, 43, 2093-2107.	2.2	793
21	Oligocarbonate Molecular Transporters: Oligomerization-Based Syntheses and Cell-Penetrating Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 16401-16403.	6.6	112
22	Cyclic Guanidine Organic Catalysts: What Is Magic About Triazabicyclodecene?. <i>Journal of Organic Chemistry</i> , 2009, 74, 9490-9496.	1.7	175