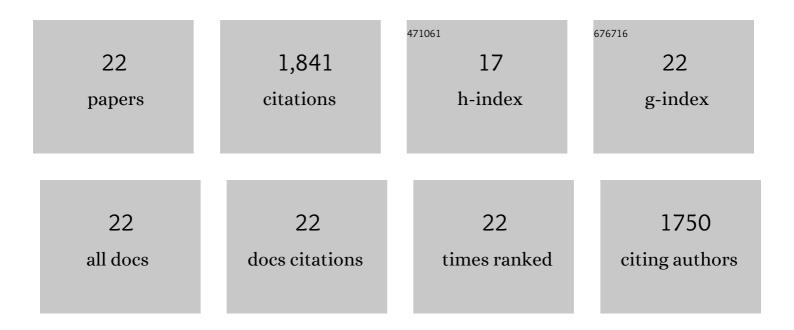
## Matthew K Kiesewetter

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Organocatalysis: Opportunities and Challenges for Polymer Synthesis. Macromolecules, 2010, 43, 2093-2107.	2.2	793
2	Cyclic Guanidine Organic Catalysts: What Is Magic About Triazabicyclodecene?. Journal of Organic Chemistry, 2009, 74, 9490-9496.	1.7	175
3	Oligocarbonate Molecular Transporters: Oligomerization-Based Syntheses and Cell-Penetrating Studies. Journal of the American Chemical Society, 2009, 131, 16401-16403.	6.6	112
4	Designed guanidinium-rich amphipathic oligocarbonate molecular transporters complex, deliver and release siRNA in cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13171-13176.	3.3	107
5	Poly(thioester) by Organocatalytic Ring-Opening Polymerization. Macromolecules, 2015, 48, 5481-5486.	2.2	76
6	Bis- and Tris-Urea H-Bond Donors for Ring-Opening Polymerization: Unprecedented Activity and Control from an Organocatalyst. ACS Macro Letters, 2016, 5, 982-986.	2.3	69
7	Cooperative Hydrogen-Bond Pairing in Organocatalytic Ring-Opening Polymerization. Macromolecules, 2014, 47, 7463-7468.	2.2	60
8	H-Bonding Organocatalysts for the Living, Solvent-Free Ring-Opening Polymerization of Lactones: Toward an All-Lactones, All-Conditions Approach. Macromolecules, 2017, 50, 8948-8954.	2.2	51
9	Rate Accelerated Organocatalytic Ring-Opening Polymerization of <scp>l</scp> -Lactide via the Application of a Bis(thiourea) H-bond Donating Cocatalyst. Macromolecules, 2015, 48, 6127-6131.	2.2	50
10	Urea and Thiourea H-Bond Donating Catalysts for Ring-Opening Polymerization: Mechanistic Insights via (Non)linear Free Energy Relationships. Macromolecules, 2018, 51, 3203-3211.	2.2	50
11	Controlled Organocatalytic Ring-Opening Polymerization of ε-Thionocaprolactone. Macromolecules, 2016, 49, 774-780.	2.2	42
12	Triclocarban: Commercial Antibacterial and Highly Effective H-Bond Donating Catalyst for Ring-Opening Polymerization. ACS Macro Letters, 2017, 6, 421-425.	2.3	42
13	Cocatalyst Binding Effects in Organocatalytic Ring-Opening Polymerization of <scp>l</scp> -Lactide. Macromolecules, 2015, 48, 6121-6126.	2.2	39
14	Quantitative Measurements of Polymer Hydrophobicity Based on Functional Group Identity and Oligomer Length. Macromolecules, 2018, 51, 8461-8468.	2.2	33
15	The mechanistic duality of (thio)urea organocatalysts for ring-opening polymerization. Organic and Biomolecular Chemistry, 2019, 17, 3305-3313.	1.5	31
16	H-Bonding Organocatalysts for Ring-Opening Polymerization at Elevated Temperatures. Macromolecules, 2018, 51, 10121-10126.	2.2	27
17	Bisurea and Bisthiourea H-Bonding Organocatalysts for Ring-Opening Polymerization: Cues for the Catalyst Design. Macromolecules, 2019, 52, 9232-9237.	2.2	22
18	Polycondensation of Butenediol: Synthesis of Telechelic 2-Butene-1,4-diol Oligomers. Journal of the American Chemical Society, 2011, 133, 16390-16393.	6.6	17

#	Article	IF	CITATIONS
19	Kinetics of an Air- and Water-Stable Ruthenium(IV) Catalyst for the Deprotection of Allyl Alcohol in Water. Organometallics, 2010, 29, 6051-6056.	1.1	14
20	Synthesizing Stilbene by Olefin Metathesis Reaction Using Guided Inquiry To Compare and Contrast Wittig and Metathesis Methodologies. Journal of Chemical Education, 2019, 96, 143-147.	1.1	12
21	Coupled equilibria in H-bond donating ring-opening polymerization: The effective catalyst-determined shift of a polymerization equilibrium. European Polymer Journal, 2017, 95, 671-677.	2.6	11
22	Organocatalytic ring-opening polymerization of thionolactones: anything O can do, S can do better. Polymer Chemistry, 2021, 12, 1458-1464.	1.9	8