Blaine G Mccarthy

List of Publications by Year
in descending order

16	1,400	623734 14	888059 17
papers	citations	h-index	g-index

18	18	18	1416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organocatalyzed Atom Transfer Radical Polymerization Using N-Aryl Phenoxazines as Photoredox Catalysts. Journal of the American Chemical Society, 2016, 138, 11399-11407.	13.7	300
2	Intramolecular Charge Transfer and Ion Pairing in N,N-Diaryl Dihydrophenazine Photoredox Catalysts for Efficient Organocatalyzed Atom Transfer Radical Polymerization. Journal of the American Chemical Society, 2017, 139, 348-355.	13.7	207
3	Structureâ€“Property Relationships for Tailoring Phenoxazines as Reducing Photoredox Catalysts. Journal of the American Chemical Society, 2018, 140, 5088-5101.	13.7	202
4	Structural Color for Additive Manufacturing: 3D-Printed Photonic Crystals from Block Copolymers. ACS Nano, 2017, 11, 3052-3058.	14.6	160
5	Organocatalyzed Atom Transfer Radical Polymerization: Perspectives on Catalyst Design and Performance. Macromolecular Rapid Communications, 2017, 38, 1700040.	3.9	121
6	Exploiting Charge-Transfer States for Maximizing Intersystem Crossing Yields in Organic Photoredox Catalysts. Journal of the American Chemical Society, 2018, 140, 4778-4781.	13.7	97
7	What happens in the dark? Assessing the temporal control of photoâ€mediated controlled radical polymerizations. Journal of Polymer Science Part A, 2019, 57, 268-273.	2.3	81
8	Organocatalyzed Atom Transfer Radical Polymerization Catalyzed by Core Modified N-Aryl Phenoxazines Performed under Air. ACS Macro Letters, 2018, 7, 1016-1021.	4.8	45
9	Controlling Polymer Composition in Organocatalyzed Photoredox Radical Ring-Opening Polymerization of Vinylcyclopropanes. Journal of the American Chemical Society, 2019, 141, 13268-13277.	13.7	41
10	Effects of Naphthyl Connectivity on the Photophysics of Compact Organic Charge-Transfer Photoredox Catalysts. Journal of Physical Chemistry A, 2019, 123, 4727-4736.	2.5	41
11	Radical Addition to N,N-Diaryl Dihydrophenazine Photoredox Catalysts and Implications in Photoinduced Organocatalyzed Atom Transfer Radical Polymerization. Macromolecules, 2021, 54, 4507-4516.	4.8	27
12	Solvent Effects and Side Reactions in Organocatalyzed Atom Transfer Radical Polymerization for Enabling the Controlled Polymerization of Acrylates Catalyzed by Diaryl Dihydrophenazines. Macromolecules, 2020, 53, 9208-9219.	4.8	24
13	Radical Cations of Phenoxazine and Dihydrophenazine Photoredox Catalysts and Their Role as Deactivators in Organocatalyzed Atom Transfer Radical Polymerization. Macromolecules, 2021, 54, 4726-4738.	4.8	20
14	Interrogation of O-ATRP Activation Conducted by Singlet and Triplet Excited States of Phenoxazine Photocatalysts. Journal of Physical Chemistry A, 2021, 125, 3109-3121.	2.5	14
15	Phenoxazineâ€Sensitized CO₂â€toâ€CO Reduction with an Iron Porphyrin Catalyst: A Redox Propertiesâ€Catalytic Performance Study. ChemPhotoChem, 2022, 6, .	3.0	8
16	Impacts of performing electrolysis during organocatalyzed atom transfer radical polymerization. Polymer Chemistry, 2020, 11, 4978-4985.	3.9	7