

Blaine G Mccarthy

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,400
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenoxazineâ€Sensitized CO ₂ â€toâ€CO Reduction with an Iron Porphyrin Catalyst: A Redox Propertiesâ€Catalytic Performance Study. ChemPhotoChem, 2022, 6, .	3.0	8
2	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
3	Radical Addition to <i>N,N</i> -Diaryl Dihydrophenazine Photoredox Catalysts and Implications in Photoinduced Organocatalyzed Atom Transfer Radical Polymerization. Macromolecules, 2021, 54, 4507-4516.	4.8	27
4	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
5	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
6	Impacts of performing electrolysis during organocatalyzed atom transfer radical polymerization. Polymer Chemistry, 2020, 11, 4978-4985.	3.9	7
7	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
8	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
9	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
10	Structureâ€Property Relationships for Tailoring Phenoxazines as Reducing Photoredox Catalysts. Journal of the American Chemical Society, 2018, 140, 5088-5101.	13.7	202
11	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
12	Organocatalyzed Atom Transfer Radical Polymerization Catalyzed by Core Modified <i>N,N</i> -Aryl Phenoxazines Performed under Air. ACS Macro Letters, 2018, 7, 1016-1021.	4.8	45
13	Structural Color for Additive Manufacturing: 3D-Printed Photonic Crystals from Block Copolymers. ACS Nano, 2017, 11, 3052-3058.	14.6	160
14	Organocatalyzed Atom Transfer Radical Polymerization: Perspectives on Catalyst Design and Performance. Macromolecular Rapid Communications, 2017, 38, 1700040.	3.9	121
15	Intramolecular Charge Transfer and Ion Pairing in <i>N,N</i> -Diaryl Dihydrophenazine Photoredox Catalysts for Efficient Organocatalyzed Atom Transfer Radical Polymerization. Journal of the American Chemical Society, 2017, 139, 348-355.	13.7	207
16	Organocatalyzed Atom Transfer Radical Polymerization Using <i>N,N</i> -Aryl Phenoxazines as Photoredox Catalysts. Journal of the American Chemical Society, 2016, 138, 11399-11407.	13.7	300