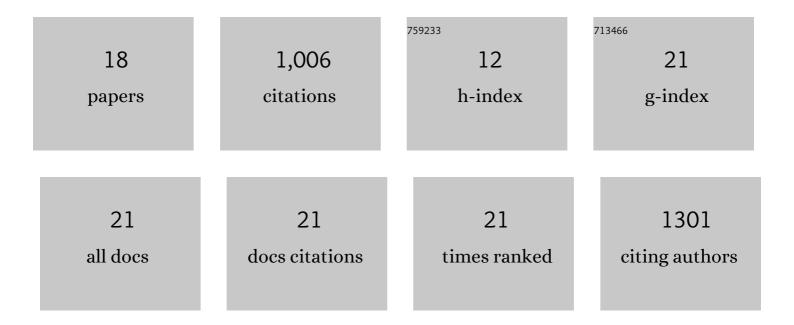
Johnathan N Brantley

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Electroediting of Soft Polymer Backbones. Journal of the American Chemical Society, 2022, 144, 8885-8891.	13.7	12
2	Vinyl-Addition Polymerizations of Borylated Allenes. Macromolecules, 2021, 54, 8822-8828.	4.8	6
3	General Access to Allene-Containing Polymers Using the SkattebÂ,l Rearrangement. ACS Macro Letters, 2020, 9, 1662-1666.	4.8	13
4	Exploring Combinatorial Approaches to Polymer Diversification. Macromolecules, 2020, 53, 9287-9293.	4.8	5
5	Vinyl-addition polymerizations of cycloallenes: synthetic access to congeners of cyclic-olefin polymers. Polymer Chemistry, 2020, 11, 5578-5581.	3.9	12
6	Controlled Polymerization of \hat{I}^2 -Pinadiene: Accessing Unusual Polymer Architectures with Biomass-Derived Monomers. ACS Macro Letters, 2020, 9, 595-599.	4.8	19
7	Ion specific fluorescence modulation of polyvinyl alcohol-boronate matrices. Polymer Chemistry, 2020, 11, 1919-1925.	3.9	4
8	Synthesis and Reactivity of Metallocarbene-Containing Polymers. Journal of the American Chemical Society, 2019, 141, 12453-12457.	13.7	8
9	Isolation and Reactivity of Trifluoromethyl Iodonium Salts. ACS Central Science, 2016, 2, 341-350.	11.3	78
10	Mechanically Modulating the Photophysical Properties of Fluorescent Protein Biocomposites for Ratio―and Intensiometric Sensors. Angewandte Chemie - International Edition, 2014, 53, 5088-5092.	13.8	28
11	1,6â€Enyne Cyclizations Catalyzed by Nâ€Heterocyclic Carbene Supported Gold Complexes: Deconvoluting Sterics and Electronics. European Journal of Organic Chemistry, 2014, 2014, 493-497.	2.4	29
12	Molecular Catch Bonds and the Anti-Hammond Effect in Polymer Mechanochemistry. Journal of the American Chemical Society, 2013, 135, 12722-12729.	13.7	118
13	Squeezing New Life Out of Polymers. Angewandte Chemie - International Edition, 2013, 52, 3806-3808.	13.8	16
14	Methods for activating and characterizing mechanically responsive polymers. Chemical Society Reviews, 2013, 42, 7130.	38.1	146
15	Mechanobiochemistry: harnessing biomacromolecules for force-responsive materials. Polymer Chemistry, 2013, 4, 3916.	3.9	44
16	Polymer mechanochemistry: the design and study of mechanophores. Polymer International, 2013, 62, 2-12.	3.1	135
17	Regiochemical Effects on Molecular Stability: A Mechanochemical Evaluation of 1,4- and 1,5-Disubstituted Triazoles. Journal of the American Chemical Society, 2012, 134, 9882-9885.	13.7	54
18	Chemical reactions modulated by mechanical stress: Extended Bell theory. Journal of Chemical Physics, 2011, 135, 164103.	3.0	101