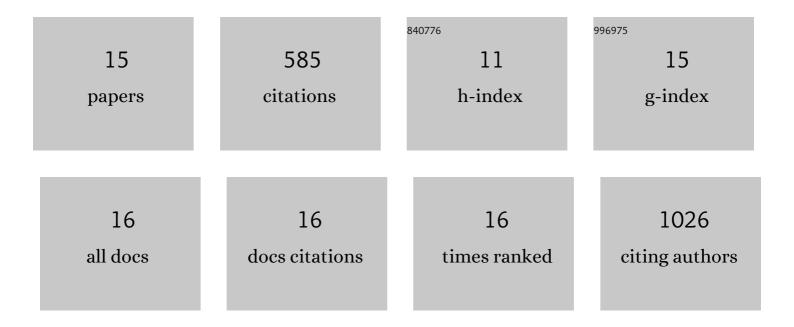
Jessica M Grandner

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Dual Photoredox/Nickel-Catalyzed Conversion of Aryl Halides to Aryl Aminooxetanes: Computational Evidence for a Substrate-Dependent Switch in Mechanism. ACS Catalysis, 2020, 10, 405-411.	11.2	38
2	Computational-Based Mechanistic Study and Engineering of Cytochrome P450 MycG for Selective Oxidation of 16-Membered Macrolide Antibiotics. Journal of the American Chemical Society, 2020, 142, 17981-17988.	13.7	19
3	Bioactivation of \hat{I}_{\pm}, \hat{I}^2 -Unsaturated Carboxylic Acids Through Acyl Glucuronidation. Drug Metabolism and Disposition, 2020, 48, 819-829.	3.3	5
4	Novel Homodimer Metabolites of GDC-0994 via Cytochrome P450–Catalyzed Radical Coupling. Drug Metabolism and Disposition, 2020, 48, 521-527.	3.3	5
5	Structure-based discovery of potent and selective melatonin receptor agonists. ELife, 2020, 9, .	6.0	28
6	Structural basis of ligand recognition at the human MT1 melatonin receptor. Nature, 2019, 569, 284-288.	27.8	140
7	XFEL structures of the human MT2 melatonin receptor reveal the basis of subtype selectivity. Nature, 2019, 569, 289-292.	27.8	106
8	Mechanism of Permanganate-Promoted Dihydroxylation of Complex Diketopiperazines: Critical Roles of Counter-cation and Ion-Pairing. Journal of the American Chemical Society, 2018, 140, 13375-13386.	13.7	11
9	Metathesis and Decomposition of Fischer Carbenes of Cyclometalated <i>Z</i> -Selective Ruthenium Metathesis Catalysts. Organometallics, 2018, 37, 2212-2216.	2.3	12
10	Synthesis and Evaluation of Sterically Demanding Ruthenium Dithiolate Catalysts for Stereoretentive Olefin Metathesis. Organometallics, 2017, 36, 3940-3953.	2.3	14
11	Origins of the Stereoretentive Mechanism of Olefin Metathesis with Ru-Dithiolate Catalysts. Journal of Organic Chemistry, 2017, 82, 10595-10600.	3.2	22
12	Synthesis of Diverse 11- and 12-Membered Macrolactones from a Common Linear Substrate Using a Single Biocatalyst. ACS Central Science, 2017, 3, 1304-1310.	11.3	21
13	Synthesis of Photoswitchable Δ ⁹ -Tetrahydrocannabinol Derivatives Enables Optical Control of Cannabinoid Receptor 1 Signaling. Journal of the American Chemical Society, 2017, 139, 18206-18212.	13.7	79
14	In Situ Catalyst Modification in Atom Transfer Radical Reactions with Ruthenium Benzylidene Complexes. Journal of the American Chemical Society, 2016, 138, 7171-7177.	13.7	21
15	Mechanism of the P450-Catalyzed Oxidative Cyclization in the Biosynthesis of Griseofulvin. ACS Catalysis, 2016, 6, 4506-4511.	11.2	64