

Karen J Ardila-Fierro

List of Publications by Year in descending order

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840776

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567
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability Assessment of Mechanochemistry by Using the Twelve Principles of Green Chemistry. <i>ChemSusChem</i> , 2021, 14, 2145-2162.	6.8	287
2	Papain-catalysed mechanochemical synthesis of oligopeptides by milling and twin-screw extrusion: application in the Julia-Colonna enantioselective epoxidation. <i>Green Chemistry</i> , 2018, 20, 1262-1269.	9.0	94
3	Mechanoenzymatic peptide and amide bond formation. <i>Green Chemistry</i> , 2017, 19, 2620-2625.	9.0	81
4	Altering Copper-Catalyzed A_{3+3} Couplings by Mechanochemistry: One-Pot Synthesis of 1,4-Diamino-2-butyne from Aldehydes, Amines, and Calcium Carbide. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10718-10722.	13.8	78
5	Mechanosynthesis of Odd-Numbered Tetraaryl[<i>n</i>]cumulenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12945-12949.	13.8	41
6	Direct Visualization of a Mechanochemically Induced Molecular Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13458-13462.	13.8	41
7	Altering Copper-Catalyzed A_{3+3} Couplings by Mechanochemistry: One-Pot Synthesis of 1,4-Diamino-2-butyne from Aldehydes, Amines, and Calcium Carbide. <i>Angewandte Chemie</i> , 2018, 130, 10878-10882.	2.0	23
8	Molecular Recognition of Steroid Hormones in the Solid State: Stark Differences in Cocrystallization of 17β -Estradiol and Estrone. <i>Crystal Growth and Design</i> , 2015, 15, 1492-1501.	3.0	21
9	Synthesis of acylglycerol derivatives by mechanochemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 811-817.	2.2	20
10	Mechanosynthesis of Odd-Numbered Tetraaryl[<i>n</i>]cumulenes. <i>Angewandte Chemie</i> , 2019, 131, 13079-13083.	2.0	18
11	Cocrystal Formation Precedes the Mechanochemically Acetate-Assisted $C\text{-}H$ Activation with $[Cp^*RhCl_2]_2$. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	14
12	Direct Visualization of a Mechanochemically Induced Molecular Rearrangement. <i>Angewandte Chemie</i> , 2020, 132, 13560-13564.	2.0	12
13	Multi-faceted reactivity of <i>N</i> -fluorobenzenesulfonimide (NFSI) under mechanochemical conditions: fluorination, fluorodemethylation, sulfonylation, and amidation reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2022, 18, 182-189.	2.2	5