Joshua Britton

List of Publications by Year
in descending order

24 papers	1,473 citations	471509 17 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	1489 citing authors

#	Article	IF	Citations
1	Multi-step continuous-flow synthesis. Chemical Society Reviews, 2017, 46, 1250-1271.	38.1	403
2	Continuous flow biocatalysis. Chemical Society Reviews, 2018, 47, 5891-5918.	38.1	258
3	A Unified Continuous Flow Assemblyâ€Line Synthesis of Highly Substituted Pyrazoles and Pyrazolines. Angewandte Chemie - International Edition, 2017, 56, 8823-8827.	13.8	133
4	The assembly and use of continuous flow systems for chemical synthesis. Nature Protocols, 2017, 12, 2423-2446.	12.0	92
5	Vortex Fluidic Chemical Transformations. Chemistry - A European Journal, 2017, 23, 13270-13278.	3.3	78
6	Minimizing E-factor in the continuous-flow synthesis of diazepam and atropine. Bioorganic and Medicinal Chemistry, 2017, 25, 6233-6241.	3.0	56
7	Rapid Vortex Fluidics: Continuous Flow Synthesis of Amides and Local Anesthetic Lidocaine. Chemistry - A European Journal, 2015, 21, 10660-10665.	3.3	54
8	Accelerating Enzymatic Catalysis Using Vortex Fluidics. Angewandte Chemie - International Edition, 2016, 55, 11387-11391.	13.8	51
9	Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie - International Edition, 2017, 56, 2296-2301.	13.8	50
10	Synthesis of Celecoxib, Mavacoxib, SCâ€560, Fluxapyroxad, and Bixafen Enabled by Continuous Flow Reaction Modules. European Journal of Organic Chemistry, 2017, 2017, 6566-6574.	2.4	50
11	Continuous flow vortex fluidic production of biodiesel. RSC Advances, 2014, 4, 49850-49854.	3.6	37
12	Rapid protein immobilization for thin film continuous flow biocatalysis. Chemical Communications, 2016, 52, 10159-10162.	4.1	37
13	The synthesis of di-carboxylate esters using continuous flow vortex fluidics. Green Chemistry, 2016, 18, 2193-2200.	9.0	37
14	A Unified Continuous Flow Assemblyâ€Line Synthesis of Highly Substituted Pyrazoles and Pyrazolines. Angewandte Chemie, 2017, 129, 8949-8953.	2.0	37
15	Continuous flow Fischer esterifications harnessing vibrational-coupled thin film fluidics. RSC Advances, 2015, 5, 1655-1660.	3.6	26
16	Harnessing Thinâ€Film Continuousâ€Flow Assembly Lines. Chemistry - A European Journal, 2016, 22, 10773-10776.	3.3	20
17	Accelerating Enzymatic Catalysis Using Vortex Fluidics. Angewandte Chemie, 2016, 128, 11559-11563.	2.0	19
18	Rapid high conversion of high free fatty acid feedstock into biodiesel using continuous flow vortex fluidics. RSC Advances, 2015, 5, 2276-2280.	3.6	16

#	Article	IF	Citations
19	Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie, 2017, 129, 2336-2341.	2.0	15
20	Protein Folding Using a Vortex Fluidic Device. Methods in Molecular Biology, 2017, 1586, 211-220.	0.9	2
21	Cell-free reactions in continuous manufacturing systems. Current Opinion in Green and Sustainable Chemistry, 2020, 25, 100380.	5.9	2
22	Frontispiece: Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie - International Edition, 2017, 56, .	13.8	0
23	Frontispiz: Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie, 2017, 129, .	2.0	0
24	Frontispiece: Vortex Fluidic Chemical Transformations. Chemistry - A European Journal, 2017, 23, .	3.3	0