

Connor J Taylor

List of Publications by Year in descending order

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11
papers

353
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated self-optimisation of multi-step reaction and separation processes using machine learning. Chemical Engineering Journal, 2020, 384, 123340.	12.7	97
2	Algorithms for the self-optimisation of chemical reactions. Reaction Chemistry and Engineering, 2019, 4, 1545-1554.	3.7	92
3	Alternating polarity for enhanced electrochemical synthesis. Reaction Chemistry and Engineering, 2021, 6, 147-151.	3.7	37
4	Rapid, automated determination of reaction models and kinetic parameters. Chemical Engineering Journal, 2021, 413, 127017.	12.7	33
5	Flow chemistry for process optimisation using design of experiments. Journal of Flow Chemistry, 2021, 11, 75-86.	1.9	32
6	Autonomous optimisation of a nanoparticle catalysed reduction reaction in continuous flow. Chemical Communications, 2021, 57, 4926-4929.	4.1	16
7	An automated computational approach to kinetic model discrimination and parameter estimation. Reaction Chemistry and Engineering, 2021, 6, 1404-1411.	3.7	16
8	Modern advancements in continuous-flow aided kinetic analysis. Reaction Chemistry and Engineering, 2022, 7, 1037-1046.	3.7	16
9	A universal reactor platform for batch and flow: application to homogeneous and heterogeneous hydrogenation. Reaction Chemistry and Engineering, 2020, 5, 1903-1908.	3.7	10
10	Imino Diels-Alder/transition metal catalyzed reactions to synthesise fused ring heterocycles. Journal of Organometallic Chemistry, 2020, 913, 121197.	1.8	2
11	A practical experiment to teach students continuous flow and physico-chemical methods: acetylation of ethylene diamine in liquid bi-phase. Journal of Flow Chemistry, 2021, 11, 31-36.	1.9	2