

# Manuel C Maier

## List of Publications by Year in descending order

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14  
papers

263  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and 3D printing of a stainless steel reactor for continuous difluoromethylations using fluoroform. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 919-927.	3.7	73
2	Biocatalytic production of adiponitrile and related aliphatic linear $\hat{1}\pm,\hat{1}\%$ -dinitriles. <i>Nature Communications</i> , 2018, 9, 5112.	12.8	35
3	Development of customized 3D printed stainless steel reactors with inline oxygen sensors for aerobic oxidation of Grignard reagents in continuous flow. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 393-401.	3.7	35
4	3D Printed Reactors for Synthesis of Active Pharmaceutical Ingredients in Continuous Flow. <i>Organic Process Research and Development</i> , 2020, 24, 2197-2207.	2.7	21
5	Continuous Suzuki-Miyaura reactions with novel Ce-Sn-Pd oxides and integrated crystallization as continuous downstream protocol. <i>Journal of Flow Chemistry</i> , 2016, 6, 244-251.	1.9	16
6	3D printed ceramics as solid supports for enzyme immobilization: an automated DoE approach for applications in continuous flow. <i>Journal of Flow Chemistry</i> , 2021, 11, 675-689.	1.9	15
7	A modular 3D printed isothermal heat flow calorimeter for reaction calorimetry in continuous flow. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1410-1420.	3.7	13
8	Continuous-Flow In-Line Solvent-Swap Crystallization of Vitamin D <sub>3</sub> . <i>Organic Process Research and Development</i> , 2018, 22, 178-189.	2.7	12
9	Heterogeneous Pd catalysts as emulsifiers in Pickering emulsions for integrated multistep synthesis in flow chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 648-658.	2.2	11
10	Advances in Continuous Flow Calorimetry. <i>Organic Process Research and Development</i> , 2022, 26, 267-277.	2.7	10
11	Multistep synthesis of a valsartan precursor in continuous flow. <i>Journal of Flow Chemistry</i> , 2020, 10, 283-294.	1.9	8
12	Development of a multistep reaction cascade for the synthesis of a sacubitril precursor in continuous flow. <i>Journal of Flow Chemistry</i> , 2020, 10, 259-270.	1.9	6
13	Effect of Acetonitrile-Based Crystallization Conditions on the Crystal Quality of Vitamin D <sub>3</sub> . <i>Chemical Engineering and Technology</i> , 2017, 40, 2016-2024.	1.5	5
14	Inline monitoring of high ammonia concentrations in methanol with a customized 3D printed flow cell. <i>Journal of Flow Chemistry</i> , 2021, 11, 717-723.	1.9	3