Gabriele Laudadio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3712219/publications.pdf

Version: 2024-02-01

26 papers	2,036 citations	361296 20 h-index	610775 24 g-index
29 all docs	29 docs citations	29 times ranked	1837 citing authors

#	Article	IF	Citations
1	The Fundamentals Behind the Use of Flow Reactors in Electrochemistry. Accounts of Chemical Research, 2019, 52, 2858-2869.	7.6	323
2	C(sp ³)â€“H functionalizations of light hydrocarbons using decatungstate photocatalysis in flow. Science, 2020, 369, 92-96.	6.0	263
3	Safety assessment in development and operation of modular continuous-flow processes. Reaction Chemistry and Engineering, 2017, 2, 258-280.	1.9	179
4	Selective C(sp³)â^'H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. Angewandte Chemie - International Edition, 2018, 57, 4078-4082.	7.2	179
5	Sulfonyl Fluoride Synthesis through Electrochemical Oxidative Coupling of Thiols and Potassium Fluoride. Journal of the American Chemical Society, 2019, 141, 11832-11836.	6.6	148
6	Sulfonamide Synthesis through Electrochemical Oxidative Coupling of Amines and Thiols. Journal of the American Chemical Society, 2019, 141, 5664-5668.	6.6	146
7	An environmentally benign and selective electrochemical oxidation of sulfides and thiols in a continuous-flow microreactor. Green Chemistry, 2017, 19, 4061-4066.	4.6	133
8	Silyl Radical-Mediated Activation of Sulfamoyl Chlorides Enables Direct Access to Aliphatic Sulfonamides from Alkenes. Journal of the American Chemical Society, 2020, 142, 720-725.	6.6	78
9	Design and application of a modular and scalable electrochemical flow microreactor. Journal of Flow Chemistry, 2018, 8, 157-165.	1.2	70
10	A Modular Flow Design for the metaâ€Selective Câ^'H Arylation of Anilines. Angewandte Chemie - International Edition, 2017, 56, 7161-7165.	7.2	68
11	Decatungstateâ€Mediated C(sp³)â€“H Heteroarylation via Radicalâ€Polar Crossover in Batch and Flow. Angewandte Chemie - International Edition, 2021, 60, 17893-17897.	7.2	56
12	Electrochemical Aziridination of Internal Alkenes with Primary Amines. CheM, 2021, 7, 255-266.	5.8	54
13	Practical and Regioselective Synthesis of C-4-Alkylated Pyridines. Journal of the American Chemical Society, 2021, 143, 11927-11933.	6.6	47
14	Selective C(sp³)â^'H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. Angewandte Chemie, 2018, 130, 4142-4146.	1.6	45
15	Flow Synthesis of Diaryliodonium Triflates. Journal of Organic Chemistry, 2017, 82, 11735-11741.	1.7	43
16	Optimization of a Decatungstate-Catalyzed C(sp³)â€“H Alkylation Using a Continuous Oscillatory Millistructured Photoreactor. Organic Process Research and Development, 2020, 24, 2356-2361.	1.3	37
17	Accelerated and Scalable C(sp³)â€“H Amination via Decatungstate Photocatalysis Using a Flow Photoreactor Equipped with High-Intensity LEDs. ACS Central Science, 2022, 8, 51-56.	5.3	35
18	Biocatalytic synthesis of the Green Note trans-2-hexenal in a continuous-flow microreactor. Beilstein Journal of Organic Chemistry, 2018, 14, 697-703.	1.3	34

#	Article	IF	Citations
19	A Modular Flow Design for the metaâ€Selective Câ€“H Arylation of Anilines. Angewandte Chemie, 2017, 129, 7267-7271.	1.6	27
20	Accelerating sulfonyl fluoride synthesis through electrochemical oxidative coupling of thiols and potassium fluoride in flow. Journal of Flow Chemistry, 2020, 10, 191-197.	1.2	23
21	Î²â€Zeoliteâ€Assisted Ligninâ€First Fractionation in a Flowâ€Through Reactor**. ChemSusChem, 2021, 14, 3838-3849.	3.6	23
22	Synthesis of Pterostilbene through supported-catalyst promoted Mizoroki-Heck reaction, and its transposition in continuous flow reactor. Journal of Flow Chemistry, 2019, 9, 133-143.	1.2	7
23	Flow Chemistry Perspective for C H Bond Functionalization. , 2017, , 275-288.		5
24	Decatungstateâ€Mediated C(sp 3)â€“H Heteroarylation via Radicalâ€Polar Crossover in Batch and Flow. Angewandte Chemie, 2021, 133, 18037-18041.	1.6	5
25	Aziridination of Internal Alkenes Using Primary Alkyl Amines in a Microflow Electrocell. CheM, 2021, 7, 18-19.	5.8	3
26	1 Photochemical transformations in continuous-flow reactors. , 2021, , 1-30.		3