

Gabriele Laudadio

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,036
citations

361413
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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.	15.6	323
2	C(sp ³)â€“H functionalizations of light hydrocarbons using decatungstate photocatalysis in flow. Science, 2020, 369, 92-96.	12.6	263
3	Safety assessment in development and operation of modular continuous-flow processes. Reaction Chemistry and Engineering, 2017, 2, 258-280.	3.7	179
4	Selective C(sp ³)â€“H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. Angewandte Chemie - International Edition, 2018, 57, 4078-4082.	13.8	179
5	Sulfonyl Fluoride Synthesis through Electrochemical Oxidative Coupling of Thiols and Potassium Fluoride. Journal of the American Chemical Society, 2019, 141, 11832-11836.	13.7	148
6	Sulfonamide Synthesis through Electrochemical Oxidative Coupling of Amines and Thiols. Journal of the American Chemical Society, 2019, 141, 5664-5668.	13.7	146
7	An environmentally benign and selective electrochemical oxidation of sulfides and thiols in a continuous-flow microreactor. Green Chemistry, 2017, 19, 4061-4066.	9.0	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.	13.7	78
9	Design and application of a modular and scalable electrochemical flow microreactor. Journal of Flow Chemistry, 2018, 8, 157-165.	1.9	70
10	A Modular Flow Design for the <i>meta</i> -Selective Câ€“H Arylation of Anilines. Angewandte Chemie - International Edition, 2017, 56, 7161-7165.	13.8	68
11	Decatungstateâ€“Mediated C(sp ³)â€“H Heteroarylation via Radicalâ€“Polar Crossover in Batch and Flow. Angewandte Chemie - International Edition, 2021, 60, 17893-17897.	13.8	56
12	Electrochemical Aziridination of Internal Alkenes with Primary Amines. Chem, 2021, 7, 255-266.	11.7	54
13	Practical and Regioselective Synthesis of C-4-Alkylated Pyridines. Journal of the American Chemical Society, 2021, 143, 11927-11933.	13.7	47
14	Selective C(sp ³)â€“H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. Angewandte Chemie, 2018, 130, 4142-4146.	2.0	45
15	Flow Synthesis of Diaryliodonium Triflates. Journal of Organic Chemistry, 2017, 82, 11735-11741.	3.2	43
16	Optimization of a Decatungstate-Catalyzed C(sp ³)â€“H Alkylation Using a Continuous Oscillatory Millistructured Photoreactor. Organic Process Research and Development, 2020, 24, 2356-2361.	2.7	37
17	Accelerated and Scalable C(sp ³)â€“H Amination via Decatungstate Photocatalysis Using a Flow Photoreactor Equipped with High-Intensity LEDs. ACS Central Science, 2022, 8, 51-56.	11.3	35
18	Biocatalytic synthesis of the Green Note <i>trans</i> -2-hexenal in a continuous-flow microreactor. Beilstein Journal of Organic Chemistry, 2018, 14, 697-703.	2.2	34

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19	A Modular Flow Design for the <i>meta</i> -Selective C-H Arylation of Anilines. <i>Angewandte Chemie</i> , 2017, 129, 7267-7271.	2.0	27
20	Accelerating sulfonyl fluoride synthesis through electrochemical oxidative coupling of thiols and potassium fluoride in flow. <i>Journal of Flow Chemistry</i> , 2020, 10, 191-197.	1.9	23
21	Zeolite-Assisted Lignin First Fractionation in a Flow-Through Reactor**. <i>ChemSusChem</i> , 2021, 14, 3838-3849.	6.8	23
22	Synthesis of Pterostilbene through supported-catalyst promoted Mizoroki-Heck reaction, and its transposition in continuous flow reactor. <i>Journal of Flow Chemistry</i> , 2019, 9, 133-143.	1.9	7
23	Flow Chemistry Perspective for C-H Bond Functionalization. , 2017, , 275-288.		5
24	Decarboxylate-Mediated C(sp ³)-H Heteroarylation via Radical-Polar Crossover in Batch and Flow. <i>Angewandte Chemie</i> , 2021, 133, 18037-18041.	2.0	5
25	Aziridination of Internal Alkenes Using Primary Alkyl Amines in a Microflow Electrocell. <i>CheM</i> , 2021, 7, 18-19.	11.7	3
26	1 Photochemical transformations in continuous-flow reactors. , 2021, , 1-30.		3