Alastair J J Lennox

List of Publications by Year
in descending order

39 papers	3,698 citations	257450 24 h-index	265206 42 g-index
50 all docs	50 docs citations	50 times ranked	4660 citing authors

#	Article	IF	Citations
1	Electrochemical Benzylic C(sp³)â€“H Acyloxylation. Organic Letters, 2022, 24, 5105-5108.	4.6	19
2	Direct electrochemical hydrodefluorination of trifluoromethylketones enabled by non-protic conditions. Chemical Science, 2021, 12, 10252-10258.	7.4	32
3	Dichloromeldrumâ€™s Acid (DiCMA): A Practical and Green Amine Dichloroacetylation Reagent. Organic Letters, 2021, 23, 3368-3372.	4.6	2
4	(Invited) Electrochemical Hydrodefluorination of Trifluoromethyl Groups. ECS Meeting Abstracts, 2021, MA2021-01, 1734-1734.	0.0	1
5	3D Printed Reactionware for Synthetic Electrochemistry with Hydrogen Fluoride Reagents. ChemElectroChem, 2021, 8, 2070-2074.	3.4	8
6	Daisy-Chaining Photo- and Thermal Chemistry: Multistep Continuous Flow Synthesis of Visible-Light-Mediated Photochemistry with a High-Temperature Cascade Reaction. Organic Process Research and Development, 2021, 25, 1943-1949.	2.7	3
7	Intramolecular Alkene Fluoroarylation of Phenolic Ethers Enabled by Electrochemically Generated Iodane. Journal of Organic Chemistry, 2021, 86, 16095-16103.	3.2	12
8	Identifying palladium culprits in amine catalysis. Nature Catalysis, 2021, 4, 994-998.	34.4	22
9	Electrochemical Vicinal Difluorination of Alkenes: Scalable and Amenable to Electronâ€Rich Substrates. Angewandte Chemie - International Edition, 2020, 59, 1155-1160.	13.8	76
10	Electrochemical Vicinal Difluorination of Alkenes: Scalable and Amenable to Electronâ€Rich Substrates. Angewandte Chemie, 2020, 132, 1171-1176.	2.0	19
11	Electrode Materials in Modern Organic Electrochemistry. Angewandte Chemie, 2020, 132, 19026-19044.	2.0	53
12	Synthesis, Stability, and Biological Studies of Fluorinated Analogues of Thromboxane A₂. ACS Central Science, 2020, 6, 995-1000.	11.3	9
13	Alkene Vicinal Difluorination: From Fluorine Gas to More Favoured Conditions. Synlett, 2020, 31, 1333-1342.	1.8	7
14	Electrode Materials in Modern Organic Electrochemistry. Angewandte Chemie - International Edition, 2020, 59, 18866-18884.	13.8	238
15	Minimal manual input. Nature Chemistry, 2020, 12, 113-114.	13.6	1
16	Heteroleptic copper(I) photosensitizers with carbazole-substituted phenanthroline ligands: Synthesis, photophysical properties and application to photocatalytic H2 generation. Dyes and Pigments, 2019, 162, 771-775.	3.7	11
17	Selective electrochemical generation of benzylic radicals enabled by ferrocene-based electron-transfer mediators. Chemical Science, 2018, 9, 356-361.	7.4	77
18	Meisenheimer Complexes in S_NAr Reactions: Intermediates or Transition States?. Angewandte Chemie - International Edition, 2018, 57, 14686-14688.	13.8	72

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19	Meisenheimerâ€Komplexe in S_NArâ€Reaktionen: Intermediate oder ÃœbergangszustÃnde?. Angewandte Chemie, 2018, 130, 14898-14900.	2.0	32
20	Structural Design of Conjugated Poly (ferroceneâ€phenanthroline) for Photocatalytic Hydrogen Evolution from Water. ChemPhotoChem, 2018, 2, 791-795.	3.0	3
21	Electrochemical Aminoxyl-Mediated Î±-Cyanation of Secondary Piperidines for Pharmaceutical Building Block Diversification. Journal of the American Chemical Society, 2018, 140, 11227-11231.	13.7	121
22	H₂ Generation with (Mixed) Plasmonic Cu/Auâ€TiO₂ Photocatalysts: Structureâ€"Reactivity Relationships Assessed by in situ Spectroscopy. ChemCatChem, 2017, 9, 1025-1031.	3.7	27
23	Structureâ€Activated Copper Photosensitisers for Photocatalytic Water Reduction. Chemistry - A European Journal, 2017, 23, 3631-3636.	3.3	41
24	Efficient Photocatalytic Water Reduction Using Inâ€…Situ Generated KnÃ¶lker's Iron Complexes. ChemCatChem, 2016, 8, 2340-2344.	3.7	21
25	Copperâ€Based Photosensitisers in Water Reduction: A More Efficient In Situ Formed System and Improved Mechanistic Understanding. Chemistry - A European Journal, 2016, 22, 1233-1238.	3.3	76
26	Unravelling the Mechanism of Basic Aqueous Methanol Dehydrogenation Catalyzed by Ruâ€"PNP Pincer Complexes. Journal of the American Chemical Society, 2016, 138, 14890-14904.	13.7	155
27	In situ photodeposition of copper nanoparticles on TiO2: Novel catalysts with facile light-induced redox cycling. Journal of Catalysis, 2016, 340, 177-183.	6.2	33
28	A Mild and Selective Reduction of Î²â€Lactams: Rhâ€Catalyzed Hydrosilylation towards Important Pharmacological Building Blocks. European Journal of Organic Chemistry, 2015, 2015, 1915-1919.	2.4	20
29	Adding Value to Power Station Captured CO₂: Tolerant Zn and Mg Homogeneous Catalysts for Polycarbonate Polyol Production. ACS Catalysis, 2015, 5, 1581-1588.	11.2	128
30	Solar Hydrogen Production by Plasmonic Auâ€"TiO₂ Catalysts: Impact of Synthesis Protocol and TiO₂ Phase on Charge Transfer Efficiency and H₂ Evolution Rates. ACS Catalysis, 2015, 5, 2137-2148.	11.2	201
31	Rhodium-catalysed alkoxylation/acetalization of diazo compounds: one-step synthesis of highly functionalised quaternary carbon centres. Chemical Communications, 2015, 51, 14505-14508.	4.1	10
32	Selection of boron reagents for Suzukiâ€"Miyaura coupling. Chemical Society Reviews, 2014, 43, 412-443.	38.1	1,127
33	Transmetalation in the Suzukiâ€"Miyaura Coupling: The Fork in the Trail. Angewandte Chemie - International Edition, 2013, 52, 7362-7370.	13.8	299
34	Organotrifluoroborate Hydrolysis. Springer Theses, 2013, , 81-131.	0.1	1
35	Preparation of Organotrifluoroborate Salts: Precipitationâ€Driven Equilibrium under Nonâ€Etching Conditions. Angewandte Chemie - International Edition, 2012, 51, 9385-9388.	13.8	90
36	Organotrifluoroborate Hydrolysis: Boronic Acid Release Mechanism and an Acidâ€"Base Paradox in Cross-Coupling. Journal of the American Chemical Society, 2012, 134, 7431-7441.	13.7	176

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37	[(RCN)₂PdCl₂]â€Catalyzed <i>E</i>/<i>Z</i> Isomerization of Alkenes: A Nonâ€Hydride Binuclear Additionâ€“Elimination Pathway. Angewandte Chemie - International Edition, 2011, 50, 9602-9606.	13.8	62
38	The Slowâ€Release Strategy in Suzukiâ€“Miyaura Coupling. Israel Journal of Chemistry, 2010, 50, 664-674.	2.3	119
39	Aryl Trifluoroborates in Suzukiâ€“Miyaura Coupling: The Roles of Endogenous Aryl Boronic Acid and Fluoride. Angewandte Chemie - International Edition, 2010, 49, 5156-5160.	13.8	198