R Daniel Little

List of Publications by Year
in descending order

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33	3,893	236925	414414
papers	citations	25 h-index	32 g-index

34	34	34	2684
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Redox catalysis in organic electrosynthesis: basic principles and recent developments. Chemical Society Reviews, 2014, 43, 2492.	38.1	1,376
2	Organic electrosynthesis: a promising green methodology in organic chemistry. Green Chemistry, 2010, 12, 2099.	9.0	919
3	Electrochemical Câ€“H functionalization and subsequent Câ€“S and Câ€“N bond formation: paired electrosynthesis of 3-amino-2-thiocyanato-Î±,Î²-unsaturated carbonyl derivatives mediated by bromide ions. Green Chemistry, 2016, 18, 3767-3774.	9.0	115
4	On the Regiospecificity of Vanadium Bromoperoxidase. Journal of the American Chemical Society, 2001, 123, 3289-3294.	13.7	104
5	Electrochemically catalyzed amino-oxygenation of styrenes: n-Bu₄NI induced Câ€“N followed by a Câ€“O bond formation cascade for the synthesis of indolines. Green Chemistry, 2016, 18, 2222-2230.	9.0	104
6	A Perspective on Organic Electrochemistry. Journal of Organic Chemistry, 2020, 85, 13375-13390.	3.2	101
7	Electrochemical Oxidative Amination of Sodium Sulfinates: Synthesis of Sulfonamides Mediated by NH₄I as a Redox Catalyst. Journal of Organic Chemistry, 2016, 81, 4713-4719.	3.2	87
8	Efficient Indirect Electrochemical Synthesis of 2â€Substituted Benzoxazoles using Sodium Iodide as Mediator. Advanced Synthesis and Catalysis, 2013, 355, 2884-2890.	4.3	86
9	Stereoselective electroreductive cyclization pathway to the isolactarane-type sesquiterpene 1-sterpurene. Journal of Organic Chemistry, 1986, 51, 4497-4498.	3.2	73
10	Introduction: Electrochemistry: Technology, Synthesis, Energy, and Materials. Chemical Reviews, 2018, 118, 4483-4484.	47.7	73
11	Indirect Electroreductive Cyclization and Electrohydrocyclization Using Catalytic Reduced Nickel(II) Salen. Journal of Organic Chemistry, 2005, 70, 8017-8026.	3.2	68
12	Electroreductive cyclization. Ketones and aldehydes tethered to .alpha.,.beta.-unsaturated esters (nitriles). Fundamental investigations. Journal of Organic Chemistry, 1988, 53, 2287-2294.	3.2	64
13	Electrons and Holes as Catalysts in Organic Electrosynthesis. ChemElectroChem, 2019, 6, 4373-4382.	3.4	63
14	Versatile Tools for Understanding Electrosynthetic Mechanisms. Chemical Reviews, 2022, 122, 3292-3335.	47.7	59
15	Polymeric Ionic Liquid and Carbon Black Composite as a Reusable Supporting Electrolyte: Modification of the Electrode Surface. Angewandte Chemie - International Edition, 2015, 54, 3744-3747.	13.8	56
16	Organic Electrochemistry as a Tool for Synthesis: Umpolung Reactions, Reactive Intermediates, and the Design of New Synthetic Methods. Electrochemical Society Interface, 2002, 11, 36-42.	0.4	56
17	Electroreductive cyclization reactions. Stereoselection, creation of quaternary centers in bicyclic frameworks, and a formal total synthesis of quadrone.. Tetrahedron Letters, 1990, 31, 485-488.	1.4	55
18	Electrochemical Crossâ€Coupling of C(sp²)â^'H with Aryldiazonium Salts via a Paired Electrolysis: an Alternative to Visible Light Photoredoxâ€Based Approach. Advanced Synthesis and Catalysis, 2019, 361, 5170-5175.	4.3	52

#	Article	IF	Citations
19	Triarylimidazole Redox Catalysts: Electrochemical Analysis and Empirical Correlations. Journal of Organic Chemistry, 2013, 78, 2104-2110.	3.2	51
20	Electrochemically Induced Ring-Opening/Friedelâ€“Crafts Arylation of Chalcone Epoxides Catalyzed by a Triarylimidazole Redox Mediator. Journal of Organic Chemistry, 2015, 80, 781-789.	3.2	41
21	Reductive cyclizations at the cathode. Topics in Current Chemistry, 1997, , 1-48.	4.0	37
22	Inter- and Intramolecular Reductive Coupling Reactions:â€‰ An Approach to the Phorbol Skeleton. Organic Letters, 2000, 2, 2873-2876.	4.6	35
23	Aromatic Câ€“H Bond Functionalization Induced by Electrochemically in Situ Generated Tris(p-bromophenyl)aminium Radical Cation: Cationic Chain Reactions of Electron-Rich Aromatics with Enamides. Journal of Organic Chemistry, 2015, 80, 11021-11030.	3.2	35
24	Intramolecular Electroreductive cyclization. Journal of Organic Chemistry, 1985, 50, 2202-2204.	3.2	33
25	A General Mechanistic Scheme for Intramolecular Electrochemical Hydrocyclizations. Mechanism of the Electroreductive Cyclization of .omega.-Keto .alpha.,.beta.-unsaturated Esters. Journal of Organic Chemistry, 1994, 59, 5017-5026.	3.2	31
26	Atom Transfer Reactions of TMM Diyls Directed toward the Synthesis of Rudmollin. Organic Letters, 2000, 2, 2531-2534.	4.6	25
27	MIRC reactions. 3. Use of doubly activated substrates. Journal of Organic Chemistry, 1982, 47, 362-364.	3.2	24
28	High turnover in electro-oxidation of alcohols and ethers with a glassy carbon-supported phenanthroimidazole mediator. Chemical Science, 2017, 8, 6493-6498.	7.4	24
29	Peroxidative Oxidation of Lignin and a Lignin Model Compound by a Manganese SALEN Derivative. ACS Sustainable Chemistry and Engineering, 2016, 4, 3212-3219.	6.7	20
30	Organic Electrosynthesis. ChemElectroChem, 2019, 6, 4065-4066.	3.4	18
31	Synthetic Efforts Toward, and Biological Activity of, Thyrsiferol and Structurally-Related Analogues. Studies in Natural Products Chemistry, 2008, 35, 3-56.	1.8	7
32	Electrons and Holes as Catalysts in Organic Electrosynthesis. ChemElectroChem, 2019, 6, 4329-4329.	3.4	1
33	Alkylidene Carbene from Silyl Vinyl Iodide Provides Mechanistic Insights on Trimethylenemethane Diyl-Mediated Tandem Cyclizations. Organic Letters, 2022, 24, 4399-4403.	4.6	0