

Kevin Lam

List of Publications by Year in descending order

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53
papers

1,266
citations

361413
20
h-index

395702
33
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62
all docs

62
docs citations

62
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Expedient Access to Cyanated N-Heterocycles by Direct Flow Electrochemical C(sp ²)-H Activation. Chemistry - A European Journal, 2022, 28, .	3.3	4
2	14 Electrochemistry in Natural Product Synthesis. , 2022, , .		0
3	Reactions of N-heterocyclic Carbene-Based Chalcogenoureas with Halogens: A Diverse Range of Outcomes. Dalton Transactions, 2022, , .	3.3	5
4	A practical guide to electrosynthesis. Nature Reviews Chemistry, 2022, 6, 275-286.	30.2	80
5	Electrosynthesis of Stabilized Diazo Compounds from Hydrazones. Organic Letters, 2022, 24, 4665-4669.	4.6	11
6	Structural and Electronic Control of the Bidentate 1-(2-pyridyl)benzotriazole Ligand in Copper Chemistry with Application to Catalysis in the A ³ Coupling Reaction. Chemistry - A European Journal, 2021, 27, 4394-4400.	3.3	16
7	Regioselective Electrochemical Cyclobutanol Ring Expansion to 1-Tetralones. European Journal of Organic Chemistry, 2021, 2021, 854-858.	2.4	14
8	Supporting-Electrolyte-Free Anodic Oxidation of Oxamic Acids into Isocyanates: An Expedient Way to Access Ureas, Carbamates, and Thiocarbamates. Organic Process Research and Development, 2021, 25, 2614-2621.	2.7	13
9	Redox Chemistry of Nickelocene-Based Monomers and Polymers. Organometallics, 2021, 40, 1945-1955.	2.3	4
10	C(sp ³)-C(sp ³) Bond Formation via Electrochemical Alkoxylation and Subsequent Lewis Acid Promoted Reactions. Advanced Synthesis and Catalysis, 2021, 363, 4521.	4.3	5
11	Room-Temperature Cu(II) Radical-Triggered Alkyne C-H Activation. JACS, 2021, 143, 1937-1948.	7.9	11
12	Anodic Oxidation of Aminotetrazoles: A Mild and Safe Route to Isocyanides. Organic Letters, 2021, 23, 9371-9375.	4.6	8
13	Continuous Flow Electrochemical Oxidative Cyclization and Successive Functionalization of 2-Pyrrolidinones. Organic Process Research and Development, 2021, 25, 2631-2638.	2.7	1
14	Unleashing the Potential to Electrify Process Chemistry: From Bench to Plant. Organic Process Research and Development, 2021, 25, 2579-2580.	2.7	5
15	Electrosynthesis Using Carboxylic Acid Derivatives: New Tricks for Old Reactions. Accounts of Chemical Research, 2020, 53, 121-134.	15.6	109
16	Shedding light on the use of Cu(salen)-salen complexes in the A ³ coupling reaction. Dalton Transactions, 2020, 49, 289-299.	3.3	20
17	Bridging Lab and Industry with Flow Electrochemistry. IScience, 2020, 23, 101720.	4.1	89
18	Kolbe Anodic Decarboxylation as a Green Way To Access 2-Pyrrolidinones. Organic Letters, 2020, 22, 1771-1775.	4.6	21

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19	Anodic Oxidation of Dithiane Carboxylic Acids: A Rapid and Mild Way to Access Functionalized Orthoesters. <i>Organic Letters</i> , 2020, 22, 4000-4005.	4.6	17
20	Organic electrosynthesis: from academia to industry. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 977-990.	3.7	97
21	Economical, Green, and Safe Route Towards Substituted Lactones by Anodic Generation of Oxy carbonyl Radicals. <i>Angewandte Chemie</i> , 2019, 131, 16261-16264.	2.0	3
22	Economical, Green, and Safe Route Towards Substituted Lactones by Anodic Generation of Oxy carbonyl Radicals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16115-16118.	13.8	31
23	Anodic Oxidation of Ethynylferrocene Derivatives in Homogeneous Solution and Following Anodic Deposition onto Glassy Carbon Electrodes. <i>ChemElectroChem</i> , 2019, 6, 5880-5887.	3.4	2
24	Supporting an Electrolyte-Free Electrochemical Methoxymethylation of Alcohols Using a 3D-Printed Electrosynthesis Continuous Flow Cell System. <i>ChemElectroChem</i> , 2019, 6, 4144-4148.	3.4	35
25	Aryl Germanes as Ligands for Transition Polymetallic Complexes: Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2750-2760.	2.0	7
26	Novel organometallic chloroquine derivative inhibits tumor growth. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5921-5933.	2.6	14
27	Oligothieryl catenated germanes and silanes: synthesis, structure, and properties. <i>Dalton Transactions</i> , 2018, 47, 5431-5444.	3.3	21
28	Donor-acceptor molecular oligogermanes: Novel properties and structural aspects. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 228-237.	1.8	11
29	Aryl Oligogermanes as Ligands for Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4911-4924.	2.0	6
30	Synthesis of Diketones, Ketoesters, and Tetraketones by Electrochemical Oxidative Decarboxylation of Malonic Acid Derivatives: Application to the Synthesis of <i>cis</i> -Jasmone. <i>Journal of Organic Chemistry</i> , 2018, 83, 12044-12055.	3.2	20
31	Electrochemical methoxymethylation of alcohols – a new, green and safe approach for the preparation of MOM ethers and other acetals. <i>Chemical Communications</i> , 2018, 54, 9969-9972.	4.1	32
32	Molecular Oligogermanes and Related Compounds: Structure, Optical and Semiconductor Properties. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1240-1249.	3.3	23
33	Oligogermanes Containing Only Electron-Withdrawing Substituents: Synthesis and Properties. <i>Organometallics</i> , 2017, 36, 298-309.	2.3	26
34	Electrochemical synthesis of phthalides via anodic activation of aromatic carboxylic acids. <i>Chemical Communications</i> , 2017, 53, 8451-8454.	4.1	42
35	One-electron oxidation of chloroquine, cymanquine, and related aminoquinolines in nonaqueous media. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 531-537.	3.8	9
36	Synthesis and anodic electrochemistry of cymanquine and related complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 817, 15-20.	1.8	10

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37	Nickel(II) and nickel(0) complexes of bis(diisopropylphosphino)amine: Synthesis, structure, and electrochemical activity. <i>Inorganica Chimica Acta</i> , 2016, 453, 42-50.	2.4	10
38	Anodic Methods for Covalent Attachment of Ethynylferrocenes to Electrode Surfaces: Comparison of Ethynyl Activation Processes. <i>Langmuir</i> , 2016, 32, 1645-1657.	3.5	14
39	Electron-transfer catalyzed cycloaddition reactions of unactivated cyclic olefins in weakly coordinating anion electrolyte. <i>Journal of Electroanalytical Chemistry</i> , 2015, 743, 68-77.	3.8	7
40	Spontaneous attachment of lithium-activated ferrocenylalkynes to carbon and gold. <i>Electrochemistry Communications</i> , 2015, 52, 63-66.	4.7	8
41	Polyferrocenylsilane homopolymers and diblock copolymers with pendant ruthenocenyl groups by photocontrolled ring-opening polymerisation. <i>Polymer Chemistry</i> , 2014, 5, 1264-1274.	3.9	21
42	Influence of Cyclopentadienyl Ringâ€™s Tilt on Electronâ€™Transfer Reactions: Redoxâ€™Induced Reactivity of Strained [2] and [3]Ruthenocenophanes. <i>Chemistry - A European Journal</i> , 2014, 20, 16216-16227.	3.3	5
43	Anodic Oxidation of Disulfides: Detection and Reactions of Disulfide Radical Cations. <i>Journal of Organic Chemistry</i> , 2013, 78, 8020-8027.	3.2	38
44	Covalent Attachment of Porphyrins and Ferrocenes to Electrode Surfaces through Direct Anodic Oxidation of Terminal Ethynyl Groups. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12897-12900.	13.8	31
45	An Anodic Method for Covalent Attachment of Molecules to Electrodes through an Ethynyl Linkage. <i>Journal of the American Chemical Society</i> , 2013, 135, 2939-2942.	13.7	51
46	Electrochemical Deoxygenation of Primary Alcohols. <i>Synlett</i> , 2012, 23, 1235-1239.	1.8	15
47	Metalâ€™Metal Bond Formation Between [â€™nâ€™]Metallophenophanes: Synthesis and Characterisation of a Dicarb[2]ruthenocenophanium Dimer. <i>Chemistry - A European Journal</i> , 2012, 18, 8000-8003.	3.3	13
48	Novel Electrochemical Deoxygenation Reaction Using Diphenylphosphinates. <i>Organic Letters</i> , 2011, 13, 406-409.	4.6	51
49	Toluates: unexpectedly versatile reagents. <i>Tetrahedron</i> , 2009, 65, 10930-10940.	1.9	31
50	Chemoselective Chemical and Electrochemical Deprotections of Aromatic Esters. <i>Organic Letters</i> , 2009, 11, 2752-2755.	4.6	40
51	Organic electrosynthesis using toluates as simple and versatile radical precursors. <i>Chemical Communications</i> , 2009, , 95-97.	4.1	32
52	Using Toluates as Simple and Versatile Radical Precursors. <i>Organic Letters</i> , 2008, 10, 2773-2776.	4.6	64
53	Electrosynthesis: A practical way to access highly reactive intermediates. <i>Synlett</i> , 0, , .	1.8	3