

Kevin Lam

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,266
citations

361045

20
h-index

395343

33
g-index

62
all docs

62
docs citations

62
times ranked

1032
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Electrosynthesis Using Carboxylic Acid Derivatives: New Tricks for Old Reactions. <i>Accounts of Chemical Research</i> , 2020, 53, 121-134. | 7.6 | 109 |
| 2 | Organic electrosynthesis: from academia to industry. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 977-990. | 1.9 | 97 |
| 3 | Bridging Lab and Industry with Flow Electrochemistry. <i>IScience</i> , 2020, 23, 101720. | 1.9 | 89 |
| 4 | A practical guide to electrosynthesis. <i>Nature Reviews Chemistry</i> , 2022, 6, 275-286. | 13.8 | 80 |
| 5 | Using Toluates as Simple and Versatile Radical Precursors. <i>Organic Letters</i> , 2008, 10, 2773-2776. | 2.4 | 64 |
| 6 | Novel Electrochemical Deoxygenation Reaction Using Diphenylphosphinates. <i>Organic Letters</i> , 2011, 13, 406-409. | 2.4 | 51 |
| 7 | 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. | 6.6 | 51 |
| 8 | Electrochemical synthesis of phthalides via anodic activation of aromatic carboxylic acids. <i>Chemical Communications</i> , 2017, 53, 8451-8454. | 2.2 | 42 |
| 9 | Chemoselective Chemical and Electrochemical Deprotections of Aromatic Esters. <i>Organic Letters</i> , 2009, 11, 2752-2755. | 2.4 | 40 |
| 10 | Anodic Oxidation of Disulfides: Detection and Reactions of Disulfide Radical Cations. <i>Journal of Organic Chemistry</i> , 2013, 78, 8020-8027. | 1.7 | 38 |
| 11 | Supporting an Electrolyte-Free Electrochemical Methoxymethylation of Alcohols Using a 3D-Printed Electrosynthesis Continuous Flow Cell System. <i>ChemElectroChem</i> , 2019, 6, 4144-4148. | 1.7 | 35 |
| 12 | Organic electrosynthesis using toluates as simple and versatile radical precursors. <i>Chemical Communications</i> , 2009, , 95-97. | 2.2 | 32 |
| 13 | 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. | 2.2 | 32 |
| 14 | Toluates: unexpectedly versatile reagents. <i>Tetrahedron</i> , 2009, 65, 10930-10940. | 1.0 | 31 |
| 15 | 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. | 7.2 | 31 |
| 16 | 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. | 7.2 | 31 |
| 17 | Oligogermanes Containing Only Electron-Withdrawing Substituents: Synthesis and Properties. <i>Organometallics</i> , 2017, 36, 298-309. | 1.1 | 26 |
| 18 | Molecular Oligogermanes and Related Compounds: Structure, Optical and Semiconductor Properties. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1240-1249. | 1.7 | 23 |

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|----|--|-----|-----------|
| 19 | Polyferrocenylsilane homopolymers and diblock copolymers with pendant ruthenocenyl groups by photocontrolled ring-opening polymerisation. <i>Polymer Chemistry</i> , 2014, 5, 1264-1274. | 1.9 | 21 |
| 20 | Oligothieryl catenated germanes and silanes: synthesis, structure, and properties. <i>Dalton Transactions</i> , 2018, 47, 5431-5444. | 1.6 | 21 |
| 21 | Kolbe Anodic Decarboxylation as a Green Way To Access 2-Pyrrolidinones. <i>Organic Letters</i> , 2020, 22, 1771-1775. | 2.4 | 21 |
| 22 | 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. | 1.7 | 20 |
| 23 | Shedding light on the use of Cu(II)-salen complexes in the A^{3+} coupling reaction. <i>Dalton Transactions</i> , 2020, 49, 289-299. | 1.6 | 20 |
| 24 | Anodic Oxidation of Dithiane Carboxylic Acids: A Rapid and Mild Way to Access Functionalized Orthoesters. <i>Organic Letters</i> , 2020, 22, 4000-4005. | 2.4 | 17 |
| 25 | 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. <i>Chemistry - A European Journal</i> , 2021, 27, 4394-4400. | 1.7 | 16 |
| 26 | Electrochemical Deoxygenation of Primary Alcohols. <i>Synlett</i> , 2012, 23, 1235-1239. | 1.0 | 15 |
| 27 | Anodic Methods for Covalent Attachment of Ethynylferrocenes to Electrode Surfaces: Comparison of Ethynyl Activation Processes. <i>Langmuir</i> , 2016, 32, 1645-1657. | 1.6 | 14 |
| 28 | Novel organometallic chloroquine derivative inhibits tumor growth. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5921-5933. | 1.2 | 14 |
| 29 | Regioselective Electrochemical Cyclobutanol Ring Expansion to Tetralones. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 854-858. | 1.2 | 14 |
| 30 | Metal-Metal Bond Formation Between [n]Metalocenophanes: Synthesis and Characterisation of a Dicarba[2]ruthenocenophanium Dimer. <i>Chemistry - A European Journal</i> , 2012, 18, 8000-8003. | 1.7 | 13 |
| 31 | Supporting-Electrolyte-Free Anodic Oxidation of Oxamic Acids into Isocyanates: An Expedient Way to Access Ureas, Carbamates, and Thiocarbamates. <i>Organic Process Research and Development</i> , 2021, 25, 2614-2621. | 1.3 | 13 |
| 32 | Donor-acceptor molecular oligogermanes: Novel properties and structural aspects. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 228-237. | 0.8 | 11 |
| 33 | Room-Temperature Cu(II) Radical-Triggered Alkyne C-H Activation. <i>Jacs Au</i> , 2021, 1, 1937-1948. | 3.6 | 11 |
| 34 | Electrosynthesis of Stabilized Diazo Compounds from Hydrazones. <i>Organic Letters</i> , 2022, 24, 4665-4669. | 2.4 | 11 |
| 35 | Synthesis and anodic electrochemistry of cyanquinone and related complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 817, 15-20. | 0.8 | 10 |
| 36 | Nickel(II) and nickel(0) complexes of bis(diisopropylphosphino)amine: Synthesis, structure, and electrochemical activity. <i>Inorganica Chimica Acta</i> , 2016, 453, 42-50. | 1.2 | 10 |

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|----|---|-----|-----------|
| 37 | One-electron oxidation of chloroquine, cymanquine, and related aminoquinolines in nonaqueous media. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 531-537. | 1.9 | 9 |
| 38 | Spontaneous attachment of lithium-activated ferrocenylalkynes to carbon and gold. <i>Electrochemistry Communications</i> , 2015, 52, 63-66. | 2.3 | 8 |
| 39 | Anodic Oxidation of Aminotetrazoles: A Mild and Safe Route to Isocyanides. <i>Organic Letters</i> , 2021, 23, 9371-9375. | 2.4 | 8 |
| 40 | Electron-transfer catalyzed cycloaddition reactions of unactivated cyclic olefins in weakly coordinating anion electrolyte. <i>Journal of Electroanalytical Chemistry</i> , 2015, 743, 68-77. | 1.9 | 7 |
| 41 | Aryl Germanes as Ligands for Transition Polymetallic Complexes: Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2750-2760. | 1.0 | 7 |
| 42 | Aryl Oligogermanes as Ligands for Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4911-4924. | 1.0 | 6 |
| 43 | 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. | 1.7 | 5 |
| 44 | C(sp ³)â€™C(sp ³) Bond Formation via Electrochemical Alkoxylation and Subsequent Lewis Acid Promoted Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4521. | 2.1 | 5 |
| 45 | Reactions of N-heterocyclic Carbene-Based Chalcogenoureas with Halogens: A Diverse Range of Outcomes. <i>Dalton Transactions</i> , 2022, , . | 1.6 | 5 |
| 46 | Unleashing the Potential to Electrify Process Chemistry: From Bench to Plant. <i>Organic Process Research and Development</i> , 2021, 25, 2579-2580. | 1.3 | 5 |
| 47 | Redox Chemistry of Nickelocene-Based Monomers and Polymers. <i>Organometallics</i> , 2021, 40, 1945-1955. | 1.1 | 4 |
| 48 | Expedient Access to Cyanated Nâ€™Heterocycles by Direct Flowâ€™Electrochemical C(sp ²)â€™H Activation. <i>Chemistry - A European Journal</i> , 2022, 28, . | 1.7 | 4 |
| 49 | Economical, Green, and Safe Route Towards Substituted Lactones by Anodic Generation of Oxy carbonyl Radicals. <i>Angewandte Chemie</i> , 2019, 131, 16261-16264. | 1.6 | 3 |
| 50 | Electrosynthesis: A practical way to access highly reactive intermediates. <i>Synlett</i> , 0, , . | 1.0 | 3 |
| 51 | Anodic Oxidation of Ethynylferrocene Derivatives in Homogeneous Solution and Following Anodic Deposition onto Glassy Carbon Electrodes. <i>ChemElectroChem</i> , 2019, 6, 5880-5887. | 1.7 | 2 |
| 52 | Continuous Flow Electrochemical Oxidative Cyclization and Successive Functionalization of 2-Pyrrolidinones. <i>Organic Process Research and Development</i> , 2021, 25, 2631-2638. | 1.3 | 1 |
| 53 | 14 Electrochemistry in Natural Product Synthesis. , 2022, , . | | 0 |