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## Eric Labbe

<https://publons.com/a/1440293>






















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### Publication List

A list of all publications authored up until March 2020.

- Journal unknown  
*Electrochemistry and Supramolecular Interactions of "Ferrocifen" Anticancer Drugs with Cyclodextrins and Lipid Bilayers: An Electrochemical Overview*
-  Apr 2019 ChemElectroChem  
*Cover Feature: Fundamental Input of Analytical Electrochemistry in the Determination of Intermediates and Reaction Mechanisms in Electrosynthetic Processes (ChemElectroChem 16/2019)*
-  2019 Electrochimica Acta  
*Diverting photosynthetic electrons from suspensions of Chlamydomonas reinhardtii algae - New insights using an electrochemical well device*
-  2019 ChemPlusChem  
*A Fluorescent False Neurotransmitter as a Dual Electrofluorescent Probe for Secretory Cell Models*
-  2019 Electrochimica Acta  
*New mechanistic insights into osmium-based tamoxifen derivatives*
-  2019 ChemElectroChem  
*Fundamental Input of Analytical Electrochemistry in the Determination of Intermediates and Reaction Mechanisms in Electrosynthetic Processes*
-  Apr 2018 Biophysical Chemistry  
*Coupling electrochemistry and TIRF-microscopy with the fluorescent false neurotransmitter FFN102 supports the fluorescence signals during single vesicle exocytosis detection*
-  Jan 2018 Electrochimica Acta  
*Electrochemical switching fluorescence emission in rhodamine derivatives*
-  Jan 2018 Electrochemistry Communications  
*Fast and complete electrochemical conversion of solutes contained in micro-volume water droplets*
-  2018 Electrochemistry Communications  
*Redox switchable rhodamine-ferrocene dyad: Exploring imaging possibilities in cells*
-  Apr 2017 Current Opinion in Electrochemistry  
*Molecular electrochemistry: A central method to understand the metabolic activation of therapeutic agents. The example of metallocifen anti-cancer drug candidates*
-  Mar 2017 Journal of Electroanalytical Chemistry  
*Electrochemical quenching of the fluorescence produced by NBD-labelled cell penetrating peptides: A contribution to the study of their internalization in large unilamellar vesicles*
-  Feb 2017 Chemistry - A European Journal  
*Selective Electrochemical Bleaching of the Outer Leaflet of Fluorescently Labeled Giant Liposomes*
-  Jan 2017 Angewandte Chemie International Edition  
*A Dual Functional Electroactive and Fluorescent Probe for Coupled Measurements of Vesicular Exocytosis with High Spatial and Temporal Resolution*
-  2017 Dalton Transactions  
*Electrochemical characterization of plutonium in n-tributyl phosphate*
-  Sep 2016 Electrochimica Acta  
*Revisiting the Complex Osmocene Electro-Oxidation Mechanism*
-  Oct 2015 Biophysical Chemistry  
*Evaluation of photosynthetic electrons derivation by exogenous redox mediators*
-  May 2015 Electrochemistry Communications  
*Three-electrode analytical and preparative electrochemistry in micro-volume hanging droplets*
-  2015 Electrochimica Acta

-  2015 Current Topics in Medicinal Chemistry  
*Electrochemically Driven Supramolecular Interaction of Quinones and Ferrocifens: An Example of Redox Activation of Bioactive Compounds*
-  2015 European Journal of Inorganic Chemistry  
*Synthesis, Characterization, and Biological Properties of Osmium-Based Tamoxifen Derivatives - Comparison with Their Homologues in the Iron and Ruthenium Series*
-  Feb 2014 Angewandte Chemie International Edition  
*Monitoring and Quantifying the Passive Transport of Molecules Through Patch-Clamp Suspended Real and Model Cell Membranes*
-  2014 ChemElectroChem  
*Uncovering the Missing Link between Molecular Electrochemistry and Electrocatalysis: Mechanism of the Reduction of Benzyl Chloride at Silver Cathodes*
-  2014 Organometallics  
*Oxidative Sequence of a Ruthenocene-Based Anticancer Drug Candidate in a Basic Environment*
-  2013 Organometallics  
*Synthesis, Characterization, and Antiproliferative Activities of Novel Ferrocenophanic Suberamides against Human Triple-Negative MDA-MB-231 and Hormone-Dependent MCF-7 Breast Cancer Cells*
-  2013 Journal of Organometallic Chemistry  
*The effect of protic electron donor aromatic substituents on ferrocenic and [3]ferrocenophanic anilines and anilides: Some aspects of structure-activity relationship studies on organometallic compounds with strong antiproliferative effects*
-  2013 Journal of Electroanalytical Chemistry  
*Surface grafting of a pi-conjugated amino-ferrocifen drug*
-  Oct 2012 Electrochimica Acta  
*Electrochemistry of a ferrocene-grafted cell-penetrating peptide*
-  2012 Abstracts of Papers of the American Chemical Society  
*Electrochemical studies of cell penetrating peptide interactions with lipid membranes*
-  2012 Dalton Transactions  
*Ferrocenyl catechols: synthesis, oxidation chemistry and anti-proliferative effects on MDA-MB-231 breast cancer cells*
-  2012 RSC Advances  
*Direct electrochemical reduction of organic halide droplets dispersed in water*
-  2012 Chemistry - A European Journal  
*Deciphering the Activation Sequence of Ferrociphenol Anticancer Drug Candidates*
-  Aug 2011 Inorganica Chimica Acta  
*Electrochemical analysis of the interactions and reactivity of ferrocene-based drugs with a lipid environment: A qualitative overview*
-  2011 Journal of Electroanalytical Chemistry  
*Electrochemistry at gold nanoparticles deposited on dendrimers assemblies adsorbed onto gold and platinum surfaces*
-  Aug 2009 Journal of Electroanalytical Chemistry  
*Exploring the first steps of an electrochemically-triggered controlled polymerization sequence: Activation of alkyl- and benzyl halide initiators by an electrogenerated FeII/Salen complex*
-  Jan 2009 Electrochemistry Communications  
*Design and electrochemical characterization of a new cobalt(II)-cyclodextrin complex. Evidence for a supramolecular stabilization of the Co(II) state*
-  2009 Journal of Organometallic Chemistry  
*The replacement of a phenol group by an aniline or acetanilide group enhances the cytotoxicity of 2-ferrocenyl-1,1-diphenyl-but-1-ene compounds against breast cancer cells*
-  2009 Journal of Medicinal Chemistry  
*A [3]Ferrocenophane Polyphenol Showing a Remarkable Antiproliferative Activity on Breast and Prostate Cancer Cell Lines*
-  2009 Journal of Electroanalytical Chemistry  
*Further insights into hydrophobic interactions between ferrocenyl-tamoxifen drugs and non-polar molecular architectures at electrode surfaces*
-  Sep 2008 Journal of Electroanalytical Chemistry  
*Supramolecular effects of cyclodextrins on the electrochemical reduction and reactivity of aromatic carbonyl compounds*
-  2008 Chemistry - A European Journal  
*Reactivity and Antiproliferative Activity of Ferrocenyl-Tamoxifen Adducts with Cyclodextrins against Hormone-Independent Breast-Cancer Cell Lines*

-  2008 Journal of Electroanalytical Chemistry  
*Electrochemical attachment of a conjugated amino-ferrocifen complex onto carbon and metal surfaces*
-  Feb 2007 Journal of Electroanalytical Chemistry  
*Activation of 1-halonaphthalenes by electrogenerated [Co(salen)]-*
-  Aug 2006 Journal of Electroanalytical Chemistry  
*Unexpected stabilization of a simple cobalt(II) salt in acetonitrile at a glassy carbon electrode*
-  Aug 2005 Chemistry - A European Journal  
*Co- and CoO-Bipyridine Complexes Obtained by Reduction of CoBr<sub>2</sub>bpy: Electrochemical Behaviour and Investigation of Their Reactions with Aromatic Halides and Vinylic Acetates*
-  Apr 2005 Electrochimica Acta  
*On the reactivity of the electrogenerated cobalt(II) species towards aryl halides in the presence of allylethers*
-  Feb 2004 Journal of Electroanalytical Chemistry  
*Mechanism(s) of the cobalt-catalyzed electrochemical coupling between aromatic halides and allylic acetates*
-  Feb 2003 Journal of Electroanalytical Chemistry  
*Electroanalytical investigation of the cobalt-catalyzed electrochemical dimerization of allylic acetates. Role played by iron(II) ions*
-  Oct 2002 Tetrahedron  
*Synthesis of unsymmetrical biaryls by electroreductive cobalt-catalyzed cross-coupling of aryl halides*
-  May 2002 New Journal of Chemistry  
*Preparation of alternating  $\pi$ -conjugated copolymers involving electrochemically generated aryldizinc intermediates*
-  Feb 2002 New Journal of Chemistry  
*Electroreductive polymerisation of 3-substituted 2,5-dihalothiophenes: direct electrosynthesis vs. stepwise procedure involving thienylzinc intermediates*
-  2001 New Journal of Chemistry  
*New and efficient access to 3-substituted 2,5-dibromothiophenes. Consecutive nickel-catalyzed electrochemical conversion to thienylzinc species*
-  Jul 2000 Organometallics  
*Electrochemical Studies on the Nickel-Catalyzed O-C(allyl) Bond Cleavage of Allyl Ethers*
-  Jun 2000 Journal of Electroanalytical Chemistry  
*Electrocatalytic hydrogenation of alkenes on LaNi<sub>5</sub> electrodes*
-  Aug 1996 Journal of Electroanalytical Chemistry  
*Nickel-catalyzed electrochemical homocoupling of alkenyl halides: rates and mechanisms*
-  Mar 1995 Journal of Organometallic Chemistry  
*Electrosynthesis of (trifluoromethyl)copper complexes from bromotrifluoromethane: reactivities with various organic halides*
-  Feb 1995 Journal of Organometallic Chemistry  
*Electrochemical synthesis of trifluoromethylcadmium and trifluoromethylzinc species using bromotrifluoromethane and sacrificial anodes*
-  1994 Denki Kagaku  
*ELECTROCHEMICAL ACTIVATION OF BROMOTRIFLUOROMETHANE USING VARIOUS REACTIVE ELECTRODES - SYNTHETIC APPLICATIONS*
-  1994 Novel Trends in Electroorganic Synthesis - Proceedings of the Second International Symposium on Electroorganic Synthesis, Kurashiki, September 27 - 30, and Pre-Symposium on Novel Aspects of Electrogenerated Active Species, Okayama, September 24 - 25.  
*ELECTROCHEMICAL ACTIVATION OF BROMOTRIFLUOROMETHANE: A NEW METHOD TO PREPARE TRIFLUOROMETHYLATED COMPOUNDS*
-  Feb 1991 Journal of Electroanalytical Chemistry and Interfacial Electrochemistry  
*Electrooxidative polymerization of cobalt, nickel and manganese salen complexes in acetonitrile solution*
-  Dec 1989 Journal of Electroanalytical Chemistry and Interfacial Electrochemistry  
*New stable modified electrodes coated by electroactive films of polypyrrole nickel(II)-bipyridine complex*
-  Oct 1988 Journal of Organometallic Chemistry  
*Ligand-directed reaction products in the nickel-catalyzed electrochemical carboxylation of terminal alkynes*
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