Eric Labbe

List of Publications by Year
in descending order

65 papers	1,375 citations	331670 21 h-index	377865 34 g-index
72 all docs	72 docs citations	72 times ranked	1602 citing authors

#	Article	IF	Citations
1	Dynamic Electrochemiluminescence Imaging of Single Giant Liposome Opening at Polarized Electrodes. Analytical Chemistry, 2022, 94, 1686-1696.	6.5	14
2	Electrochemical Fluorescence Switch of Organic Fluorescent or Fluorogenic Molecules. Chemical Record, 2021, 21, 2193-2202.	5.8	11
3	Interaction of Redox Probes and Ferroceneâ€labelled Peptides with Lipid Bilayers Observed at Lipid Bilayerâ€Modified Electrodes. ChemElectroChem, 2021, 8, 2556-2563.	3.4	2
4	Disclosing the redox metabolism of drugs: The essential role of electrochemistry. Current Opinion in Electrochemistry, 2020, 24, 63-68.	4.8	8
5	A Fluorescent False Neurotransmitter as a Dual Electrofluorescent Probe for Secretory Cell Models. ChemPlusChem, 2019, 84, 1578-1586.	2.8	6
6	Diverting photosynthetic electrons from suspensions of Chlamydomonas reinhardtii algae - New insights using an electrochemical well device. Electrochimica Acta, 2019, 304, 465-473.	5.2	10
7	Fundamental Input of Analytical Electrochemistry in the Determination of Intermediates and Reaction Mechanisms in Electrosynthetic Processes. ChemElectroChem, 2019, 6, 4118-4125.	3.4	7
8	New mechanistic insights into osmium-based tamoxifen derivatives. Electrochimica Acta, 2019, 302, 130-136.	5.2	3
9	Coupling electrochemistry and TIRF-microscopy with the fluorescent false neurotransmitter FFN102 supports the fluorescence signals during single vesicle exocytosis detection. Biophysical Chemistry, 2018, 235, 48-55.	2.8	13
10	Electrochemical switching fluorescence emission in rhodamine derivatives. Electrochimica Acta, 2018, 260, 589-597.	5.2	23
11	Fast and complete electrochemical conversion of solutes contained in micro-volume water droplets. Electrochemistry Communications, 2018, 86, 145-148.	4.7	1
12	Redox switchable rhodamine-ferrocene dyad: Exploring imaging possibilities in cells. Electrochemistry Communications, 2018, 97, 46-50.	4.7	8
13	Selective Electrochemical Bleaching of the Outer Leaflet of Fluorescently Labeled Giant Liposomes. Chemistry - A European Journal, 2017, 23, 6781-6787.	3.3	8
14	A Dual Functional Electroactive and Fluorescent Probe for Coupled Measurements of Vesicular Exocytosis with High Spatial and Temporal Resolution. Angewandte Chemie - International Edition, 2017, 56, 2366-2370.	13.8	31
15	Molecular electrochemistry: A central method to understand the metabolic activation of therapeutic agents. The example of metallocifen anti-cancer drug candidates. Current Opinion in Electrochemistry, 2017, 2, 7-12.	4.8	10
16	Electrochemical quenching of the fluorescence produced by NBD-labelled cell penetrating peptides: A contribution to the study of their internalization in large unilamellar vesicles. Journal of Electroanalytical Chemistry, 2017, 788, 225-231.	3.8	4
17	Electrochemical characterization of plutonium in n-tributyl phosphate. Dalton Transactions, 2017, 46, 4943-4949.	3.3	6
18	A Dual Functional Electroactive and Fluorescent Probe for Coupled Measurements of Vesicular Exocytosis with High Spatial and Temporal Resolution. Angewandte Chemie, 2017, 129, 2406-2410.	2.0	8

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19	Revisiting the Complex Osmocene Electro-Oxidation Mechanism. Electrochimica Acta, 2016, 212, 973-978.	5.2	1
20	Synthesis, Characterization, and Biological Properties of Osmiumâ€Based Tamoxifen Derivatives â€" Comparison with Their Homologues in the Iron and Ruthenium Series. European Journal of Inorganic Chemistry, 2015, 2015, 4217-4226.	2.0	32
21	Three-electrode analytical and preparative electrochemistry in micro-volume hanging droplets. Electrochemistry Communications, 2015, 54, 41-45.	4.7	11
22	Electrochemical Behavior of Cerium (IV) Species in n-TriButylPhosphate. Electrochimica Acta, 2015, 169, 1-6.	5.2	8
23	Evaluation of photosynthetic electrons derivation by exogenous redox mediators. Biophysical Chemistry, 2015, 205, 1-8.	2.8	33
24	Electrochemically Driven Supramolecular Interaction of Quinones and Ferrocifens: An Example of Redox Activation of Bioactive Compounds. Current Topics in Medicinal Chemistry, 2015, 15, 136-162.	2.1	26
25	Electrochemically driven supramolecular interaction of quinones and ferrocifens: an example of redox activation of bioactive compounds. Current Topics in Medicinal Chemistry, 2015, 15, 136-62.	2.1	4
26	Uncovering the Missing Link between Molecular Electrochemistry and Electrocatalysis: Mechanism of the Reduction of Benzyl Chloride at Silver Cathodes. ChemElectroChem, 2014, 1, 227-240.	3.4	51
27	Monitoring and Quantifying the Passive Transport of Molecules Through Patchâ€"Clamp Suspended Real and Model Cell Membranes. Angewandte Chemie - International Edition, 2014, 53, 3192-3196.	13.8	12
28	Oxidative Sequence of a Ruthenocene-Based Anticancer Drug Candidate in a Basic Environment. Organometallics, 2014, 33, 4940-4946.	2.3	18
29	Synthesis, Characterization, and Antiproliferative Activities of Novel Ferrocenophanic Suberamides against Human Triple-Negative MDA-MB-231 and Hormone-Dependent MCF-7 Breast Cancer Cells. Organometallics, 2013, 32, 5926-5934.	2.3	25
30	Surface grafting of a Ï€-conjugated amino-ferrocifen drug. Journal of Electroanalytical Chemistry, 2013, 699, 21-27.	3.8	9
31	The effect of protic electron donor aromatic substituents on ferrocenic and [3]ferrocenophanic anilines and anilides: Some aspects of structureâ€"activity relationship studies on organometallic compounds with strong antiproliferative effects. Journal of Organometallic Chemistry, 2013, 744, 92-100.	1.8	8
32	Ferrocenyl catechols: synthesis, oxidation chemistry and anti-proliferative effects on MDA-MB-231 breast cancer cells. Dalton Transactions, 2012, 41, 7537.	3.3	45
33	Direct electrochemical reduction of organic halide droplets dispersed in water. RSC Advances, 2012, 2, 5398.	3.6	8
34	Electrochemistry of a ferrocene-grafted cell-penetrating peptide. Electrochimica Acta, 2012, 80, 180-186.	5.2	4
35	Deciphering the Activation Sequence of Ferrociphenol Anticancer Drug Candidates. Chemistry - A European Journal, 2012, 18, 6581-6587.	3.3	75
36	Electrochemical analysis of the interactions and reactivity of ferrocene-based drugs with a lipid environment: A qualitative overview. Inorganica Chimica Acta, 2011, 374, 59-68.	2.4	14

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37	Electrochemistry at gold nanoparticles deposited on dendrimers assemblies adsorbed onto gold and platinum surfaces. Journal of Electroanalytical Chemistry, 2011, 659, 76-82.	3.8	9
38	Further insights into hydrophobic interactions between ferrocenyl-tamoxifen drugs and non-polar molecular architectures at electrode surfaces. Journal of Electroanalytical Chemistry, 2009, 635, 13-19.	3.8	20
39	Design and electrochemical characterization of a new cobalt(II)â€“cyclodextrin complex. Evidence for a supramolecular stabilization of the Co(I) state. Electrochemistry Communications, 2009, 11, 114-117.	4.7	6
40	Exploring the first steps of an electrochemically-triggered controlled polymerization sequence: Activation of alkyl- and benzyl halide initiators by an electrogenerated FeIISalen complex. Journal of Electroanalytical Chemistry, 2009, 633, 99-105.	3.8	21
41	The replacement of a phenol group by an aniline or acetanilide group enhances the cytotoxicity of 2-ferrocenyl-1,1-diphenyl-but-l-ene compounds against breast cancer cells. Journal of Organometallic Chemistry, 2009, 694, 895-901.	1.8	65
42	A [3]Ferrocenophane Polyphenol Showing a Remarkable Antiproliferative Activity on Breast and Prostate Cancer Cell Lines. Journal of Medicinal Chemistry, 2009, 52, 4964-4967.	6.4	125
43	Reactivity and Antiproliferative Activity of Ferrocenylâ€“Tamoxifen Adducts with Cyclodextrins against Hormoneâ€Independent Breastâ€Cancer Cell Lines. Chemistry - A European Journal, 2008, 14, 8195-8203.	3.3	75
44	Supramolecular effects of cyclodextrins on the electrochemical reduction and reactivity of aromatic carbonyl compounds. Journal of Electroanalytical Chemistry, 2008, 621, 134-145.	3.8	16
45	Electrochemical attachment of a conjugated aminoâ€“ferrocifen complex onto carbon and metal surfaces. Journal of Electroanalytical Chemistry, 2008, 619-620, 169-175.	3.8	43
46	Activation of 1-halonaphthalenes by electrogenerated [CoI-salen]âˆ'. Journal of Electroanalytical Chemistry, 2007, 600, 359-363.	3.8	5
47	Unexpected stabilization of a simple cobalt(I) salt in acetonitrile at a glassy carbon electrode. Journal of Electroanalytical Chemistry, 2006, 593, 99-104.	3.8	14
48	On the reactivity of the electrogenerated cobalt(I) species towards aryl halides in the presence of allylethers. Electrochimica Acta, 2005, 50, 2377-2384.	5.2	10
49	CoI- and Co0-Bipyridine Complexes Obtained by Reduction of CoBr2bpy: Electrochemical Behaviour and Investigation of Their Reactions with Aromatic Halides and Vinylic Acetates. Chemistry - A European Journal, 2005, 11, 4678-4686.	3.3	30
50	Mechanism(s) of the cobalt-catalyzed electrochemical coupling between aromatic halides and allylic acetates. Journal of Electroanalytical Chemistry, 2004, 562, 255-260.	3.8	24
51	Synthesis of Unsymmetrical Biaryls by Electroreductive Cobalt-Catalyzed Cross-Coupling of Aryl Halides.. ChemInform, 2003, 34, no.	0.0	0
52	Electroanalytical investigation of the cobalt-catalyzed electrochemical dimerization of allylic acetates. Role played by iron(II) ions. Journal of Electroanalytical Chemistry, 2003, 543, 143-151.	3.8	13
53	Electroreductive polymerisation of 3-substituted 2,5-dihalothiophenes: direct electrosynthesis vs. stepwise procedure involving thienylzinc intermediates. New Journal of Chemistry, 2002, 26, 207-212.	2.8	12
54	Preparation of alternating Ï€-conjugated copolymers involving electrochemically generated aryldizinc intermediates. New Journal of Chemistry, 2002, 26, 787-790.	2.8	6

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55	Synthesis of unsymmetrical biaryls by electroreductive cobalt-catalyzed cross-coupling of aryl halides. Tetrahedron, 2002, 58, 8417-8424.	1.9	61
56	New and efficient access to 3-substituted 2,5-dibromothiophenes. Consecutive nickel-catalyzed electrochemical conversion to thienylzinc species. New Journal of Chemistry, 2001, 25, 318-321.	2.8	16
57	Electrocatalytic hydrogenation of alkenes on LaNi5 electrodes. Journal of Electroanalytical Chemistry, 2000, 487, 31-36.	3.8	25
58	Electrochemical Studies on the Nickel-Catalyzed Oâ^'C(allyl) Bond Cleavage of Allyl Ethers. Organometallics, 2000, 19, 2798-2804.	2.3	16
59	Nickel-catalyzed electrochemical homocoupling of alkenyl halides: rates and mechanisms. Journal of Electroanalytical Chemistry, 1996, 412, 85-93.	3.8	49
60	Electrochemical synthesis of trifluoromethylcadmium and trifluoromethylzinc species using bromotrifluoromethane and sacrificial anodes. Journal of Organometallic Chemistry, 1995, 487, 61-64.	1.8	13
61	Electrosynthesis of (trifluoromethyl)copper complexes from bromotrifluoromethane: reactivities with various organic halides. Journal of Organometallic Chemistry, 1995, 489, 137-143.	1.8	28
62	Electrooxidative polymerization of cobalt, nickel and manganese salen complexes in acetonitrile solution. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 301, 267-274.	0.1	70
63	New stable modified electrodes coated by electroactive films of polypyrrole nickel(II)-bipyridine complex. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 274, 271-279.	0.1	8
64	Ligand-directed reaction products in the nickel-catalyzed electrochemical carboxylation of terminal alkynes. Journal of Organometallic Chemistry, 1988, 353, C51-C56.	1.8	34
65	Electrodeâ€supported and freeâ€standing bilayer lipid membranes: Formation and uses in molecular electrochemistry. Electrochemical Science Advances, 0, , .	2.8	2