

Eric Labbe

List of Publications by Year in descending order

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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	A [3]Ferrocenophane Polyphenol Showing a Remarkable Antiproliferative Activity on Breast and Prostate Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4964-4967.	6.4	125
2	Reactivity and Antiproliferative Activity of Ferrocenyl-Tamoxifen Adducts with Cyclodextrins against Hormone-Independent Breast Cancer Cell Lines. <i>Chemistry - A European Journal</i> , 2008, 14, 8195-8203.	3.3	75
3	Deciphering the Activation Sequence of Ferrociphenol Anticancer Drug Candidates. <i>Chemistry - A European Journal</i> , 2012, 18, 6581-6587.	3.3	75
4	Electrooxidative polymerization of cobalt, nickel and manganese salen complexes in acetonitrile solution. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 301, 267-274.	0.1	70
5	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. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 895-901.	1.8	65
6	Synthesis of unsymmetrical biaryls by electroreductive cobalt-catalyzed cross-coupling of aryl halides. <i>Tetrahedron</i> , 2002, 58, 8417-8424.	1.9	61
7	Uncovering the Missing Link between Molecular Electrochemistry and Electrocatalysis: Mechanism of the Reduction of Benzyl Chloride at Silver Cathodes. <i>ChemElectroChem</i> , 2014, 1, 227-240.	3.4	51
8	Nickel-catalyzed electrochemical homocoupling of alkenyl halides: rates and mechanisms. <i>Journal of Electroanalytical Chemistry</i> , 1996, 412, 85-93.	3.8	49
9	Ferrocenyl catechols: synthesis, oxidation chemistry and anti-proliferative effects on MDA-MB-231 breast cancer cells. <i>Dalton Transactions</i> , 2012, 41, 7537.	3.3	45
10	Electrochemical attachment of a conjugated amino-ferrocifen complex onto carbon and metal surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2008, 619-620, 169-175.	3.8	43
11	Ligand-directed reaction products in the nickel-catalyzed electrochemical carboxylation of terminal alkynes. <i>Journal of Organometallic Chemistry</i> , 1988, 353, C51-C56.	1.8	34
12	Evaluation of photosynthetic electrons derivation by exogenous redox mediators. <i>Biophysical Chemistry</i> , 2015, 205, 1-8.	2.8	33
13	Synthesis, Characterization, and Biological Properties of Osmium-Based Tamoxifen Derivatives - Comparison with Their Homologues in the Iron and Ruthenium Series. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4217-4226.	2.0	32
14	A Dual Functional Electroactive and Fluorescent Probe for Coupled Measurements of Vesicular Exocytosis with High Spatial and Temporal Resolution. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2366-2370.	13.8	31
15	CoI- and Co0-Bipyridine Complexes Obtained by Reduction of CoBr2bpy: Electrochemical Behaviour and Investigation of Their Reactions with Aromatic Halides and Vinylic Acetates. <i>Chemistry - A European Journal</i> , 2005, 11, 4678-4686.	3.3	30
16	Electrosynthesis of (trifluoromethyl)copper complexes from bromotrifluoromethane: reactivities with various organic halides. <i>Journal of Organometallic Chemistry</i> , 1995, 489, 137-143.	1.8	28
17	Electrochemically Driven Supramolecular Interaction of Quinones and Ferrocifens: An Example of Redox Activation of Bioactive Compounds. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 136-162.	2.1	26
18	Electrocatalytic hydrogenation of alkenes on LaNi5 electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2000, 487, 31-36.	3.8	25

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19	Synthesis, Characterization, and Antiproliferative Activities of Novel Ferrocenophanic Suberamides against Human Triple-Negative MDA-MB-231 and Hormone-Dependent MCF-7 Breast Cancer Cells. <i>Organometallics</i> , 2013, 32, 5926-5934.	2.3	25
20	Mechanism(s) of the cobalt-catalyzed electrochemical coupling between aromatic halides and allylic acetates. <i>Journal of Electroanalytical Chemistry</i> , 2004, 562, 255-260.	3.8	24
21	Electrochemical switching fluorescence emission in rhodamine derivatives. <i>Electrochimica Acta</i> , 2018, 260, 589-597.	5.2	23
22	Exploring the first steps of an electrochemically-triggered controlled polymerization sequence: Activation of alkyl- and benzyl halide initiators by an electrogenerated FeII-Salen complex. <i>Journal of Electroanalytical Chemistry</i> , 2009, 633, 99-105.	3.8	21
23	Further insights into hydrophobic interactions between ferrocenyl-tamoxifen drugs and non-polar molecular architectures at electrode surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2009, 635, 13-19.	3.8	20
24	Oxidative Sequence of a Ruthenocene-Based Anticancer Drug Candidate in a Basic Environment. <i>Organometallics</i> , 2014, 33, 4940-4946.	2.3	18
25	Electrochemical Studies on the Nickel-Catalyzed O ⁺ C(allyl) Bond Cleavage of Allyl Ethers. <i>Organometallics</i> , 2000, 19, 2798-2804.	2.3	16
26	New and efficient access to 3-substituted 2,5-dibromothiophenes. Consecutive nickel-catalyzed electrochemical conversion to thienylzinc species. <i>New Journal of Chemistry</i> , 2001, 25, 318-321.	2.8	16
27	Supramolecular effects of cyclodextrins on the electrochemical reduction and reactivity of aromatic carbonyl compounds. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 134-145.	3.8	16
28	Unexpected stabilization of a simple cobalt(II) salt in acetonitrile at a glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2006, 593, 99-104.	3.8	14
29	Electrochemical analysis of the interactions and reactivity of ferrocene-based drugs with a lipid environment: A qualitative overview. <i>Inorganica Chimica Acta</i> , 2011, 374, 59-68.	2.4	14
30	Dynamic Electrochemiluminescence Imaging of Single Giant Liposome Opening at Polarized Electrodes. <i>Analytical Chemistry</i> , 2022, 94, 1686-1696.	6.5	14
31	Electrochemical synthesis of trifluoromethylcadmium and trifluoromethylzinc species using bromotrifluoromethane and sacrificial anodes. <i>Journal of Organometallic Chemistry</i> , 1995, 487, 61-64.	1.8	13
32	Electroanalytical investigation of the cobalt-catalyzed electrochemical dimerization of allylic acetates. Role played by iron(II) ions. <i>Journal of Electroanalytical Chemistry</i> , 2003, 543, 143-151.	3.8	13
33	Coupling electrochemistry and TIRF-microscopy with the fluorescent false neurotransmitter FFN102 supports the fluorescence signals during single vesicle exocytosis detection. <i>Biophysical Chemistry</i> , 2018, 235, 48-55.	2.8	13
34	Electroreductive polymerisation of 3-substituted 2,5-dihalothiophenes: direct electrosynthesis vs. stepwise procedure involving thienylzinc intermediates. <i>New Journal of Chemistry</i> , 2002, 26, 207-212.	2.8	12
35	Monitoring and Quantifying the Passive Transport of Molecules Through Patch ⁺ Clamp Suspended Real and Model Cell Membranes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3192-3196.	13.8	12
36	Three-electrode analytical and preparative electrochemistry in micro-volume hanging droplets. <i>Electrochemistry Communications</i> , 2015, 54, 41-45.	4.7	11

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37	Electrochemical Fluorescence Switch of Organic Fluorescent or Fluorogenic Molecules. <i>Chemical Record</i> , 2021, 21, 2193-2202.	5.8	11
38	On the reactivity of the electrogenerated cobalt(I) species towards aryl halides in the presence of allylethers. <i>Electrochimica Acta</i> , 2005, 50, 2377-2384.	5.2	10
39	Molecular electrochemistry: A central method to understand the metabolic activation of therapeutic agents. The example of metallocifen anti-cancer drug candidates. <i>Current Opinion in Electrochemistry</i> , 2017, 2, 7-12.	4.8	10
40	Diverting photosynthetic electrons from suspensions of <i>Chlamydomonas reinhardtii</i> algae - New insights using an electrochemical well device. <i>Electrochimica Acta</i> , 2019, 304, 465-473.	5.2	10
41	Electrochemistry at gold nanoparticles deposited on dendrimers assemblies adsorbed onto gold and platinum surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2011, 659, 76-82.	3.8	9
42	Surface grafting of a β -conjugated amino-ferrocifen drug. <i>Journal of Electroanalytical Chemistry</i> , 2013, 699, 21-27.	3.8	9
43	New stable modified electrodes coated by electroactive films of polypyrrole nickel(II)-bipyridine complex. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1989, 274, 271-279.	0.1	8
44	Direct electrochemical reduction of organic halide droplets dispersed in water. <i>RSC Advances</i> , 2012, 2, 5398.	3.6	8
45	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. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 92-100.	1.8	8
46	Electrochemical Behavior of Cerium (IV) Species in n-TriButylPhosphate. <i>Electrochimica Acta</i> , 2015, 169, 1-6.	5.2	8
47	Selective Electrochemical Bleaching of the Outer Leaflet of Fluorescently Labeled Giant Liposomes. <i>Chemistry - A European Journal</i> , 2017, 23, 6781-6787.	3.3	8
48	A Dual Functional Electroactive and Fluorescent Probe for Coupled Measurements of Vesicular Exocytosis with High Spatial and Temporal Resolution. <i>Angewandte Chemie</i> , 2017, 129, 2406-2410.	2.0	8
49	Redox switchable rhodamine-ferrocene dyad: Exploring imaging possibilities in cells. <i>Electrochemistry Communications</i> , 2018, 97, 46-50.	4.7	8
50	Disclosing the redox metabolism of drugs: The essential role of electrochemistry. <i>Current Opinion in Electrochemistry</i> , 2020, 24, 63-68.	4.8	8
51	Fundamental Input of Analytical Electrochemistry in the Determination of Intermediates and Reaction Mechanisms in Electrosynthetic Processes. <i>ChemElectroChem</i> , 2019, 6, 4118-4125.	3.4	7
52	Preparation of alternating β -conjugated copolymers involving electrochemically generated arylidizinc intermediates. <i>New Journal of Chemistry</i> , 2002, 26, 787-790.	2.8	6
53	Design and electrochemical characterization of a new cobalt(II)- β -cyclodextrin complex. Evidence for a supramolecular stabilization of the Co(I) state. <i>Electrochemistry Communications</i> , 2009, 11, 114-117.	4.7	6
54	Electrochemical characterization of plutonium in n-tributyl phosphate. <i>Dalton Transactions</i> , 2017, 46, 4943-4949.	3.3	6

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55	A Fluorescent False Neurotransmitter as a Dual Electrofluorescent Probe for Secretory Cell Models. <i>ChemPlusChem</i> , 2019, 84, 1578-1586.	2.8	6
56	Activation of 1-halonaphthalenes by electrogenerated [Co(salen)] ⁺ . <i>Journal of Electroanalytical Chemistry</i> , 2007, 600, 359-363.	3.8	5
57	Electrochemistry of a ferrocene-grafted cell-penetrating peptide. <i>Electrochimica Acta</i> , 2012, 80, 180-186.	5.2	4
58	Electrochemical quenching of the fluorescence produced by NBD-labelled cell penetrating peptides: A contribution to the study of their internalization in large unilamellar vesicles. <i>Journal of Electroanalytical Chemistry</i> , 2017, 788, 225-231.	3.8	4
59	Electrochemically driven supramolecular interaction of quinones and ferrocifens: an example of redox activation of bioactive compounds. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 136-62.	2.1	4
60	New mechanistic insights into osmium-based tamoxifen derivatives. <i>Electrochimica Acta</i> , 2019, 302, 130-136.	5.2	3
61	Interaction of Redox Probes and Ferrocene-labelled Peptides with Lipid Bilayers Observed at Lipid Bilayer-Modified Electrodes. <i>ChemElectroChem</i> , 2021, 8, 2556-2563.	3.4	2
62	Electrode-supported and free-standing bilayer lipid membranes: Formation and uses in molecular electrochemistry. <i>Electrochemical Science Advances</i> , 0, , .	2.8	2
63	Revisiting the Complex Osmocene Electro-Oxidation Mechanism. <i>Electrochimica Acta</i> , 2016, 212, 973-978.	5.2	1
64	Fast and complete electrochemical conversion of solutes contained in micro-volume water droplets. <i>Electrochemistry Communications</i> , 2018, 86, 145-148.	4.7	1
65	Synthesis of Unsymmetrical Biaryls by Electroreductive Cobalt-Catalyzed Cross-Coupling of Aryl Halides.. <i>ChemInform</i> , 2003, 34, no.	0.0	0