

# Jean Pinson

## List of Publications by Year in descending order

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164  
papers

13,437  
citations

30070

54  
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22166

113  
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208  
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208  
docs citations

208  
times ranked

8087  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attachment of organic layers to conductive or semiconductive surfaces by reduction of diazonium salts. <i>Chemical Society Reviews</i> , 2005, 34, 429.	38.1	1,057
2	Covalent Modification of Carbon Surfaces by Aryl Radicals Generated from the Electrochemical Reduction of Diazonium Salts. <i>Journal of the American Chemical Society</i> , 1997, 119, 201-207.	13.7	978
3	Covalent modification of carbon surfaces by grafting of functionalized aryl radicals produced from electrochemical reduction of diazonium salts. <i>Journal of the American Chemical Society</i> , 1992, 114, 5883-5884.	13.7	947
4	Electrografting: a powerful method for surface modification. <i>Chemical Society Reviews</i> , 2011, 40, 3995.	38.1	841
5	Electrochemical Oxidation of Aliphatic Amines and Their Attachment to Carbon and Metal Surfaces. <i>Langmuir</i> , 2004, 20, 8243-8253.	3.5	408
6	Influence of the anode materials on the electrochemical oxidation efficiency. Application to oxidative degradation of the pharmaceutical amoxicillin. <i>Chemical Engineering Journal</i> , 2015, 262, 286-294.	12.7	317
7	Electrochemical Formation of Close-Packed Phenyl Layers on Si(111). <i>Journal of Physical Chemistry B</i> , 1997, 101, 2415-2420.	2.6	316
8	Electrochemical Bonding of Amines to Carbon Fiber Surfaces Toward Improved Carbon-Epoxy Composites. <i>Journal of the Electrochemical Society</i> , 1990, 137, 1757-1764.	2.9	292
9	Grafting of Nitrophenyl Groups on Carbon and Metallic Surfaces without Electrochemical Induction. <i>Chemistry of Materials</i> , 2005, 17, 491-501.	6.7	265
10	Organic Layers Bonded to Industrial, Coinage, and Noble Metals through Electrochemical Reduction of Aryldiazonium Salts. <i>Chemistry of Materials</i> , 2003, 15, 3450-3462.	6.7	262
11	Covalent Modification of Iron Surfaces by Electrochemical Reduction of Aryldiazonium Salts. <i>Journal of the American Chemical Society</i> , 2001, 123, 4541-4549.	13.7	237
12	Surface Modification of Conducting Substrates. Existence of Azo Bonds in the Structure of Organic Layers Obtained from Diazonium Salts. <i>Chemistry of Materials</i> , 2007, 19, 4570-4575.	6.7	230
13	Sterically Hindered Diazonium Salts for the Grafting of a Monolayer on Metals. <i>Journal of the American Chemical Society</i> , 2008, 130, 8576-8577.	13.7	215
14	Effect of the anode materials on the efficiency of the electro-Fenton process for the mineralization of the antibiotic sulfamethazine. <i>Applied Catalysis B: Environmental</i> , 2016, 199, 331-341.	20.2	212
15	The Standard Redox Potential of the Phenyl Radical/Anion Couple. <i>Journal of the American Chemical Society</i> , 2003, 125, 14801-14806.	13.7	200
16	Organic monolayers on Si(111) by electrochemical method. <i>Electrochimica Acta</i> , 1998, 43, 2791-2798.	5.2	184
17	Immobilization of glucose oxidase on a carbon surface derivatized by electrochemical reduction of diazonium salts. <i>Journal of Electroanalytical Chemistry</i> , 1992, 336, 113-123.	3.8	182
18	Spontaneous Grafting of Iron Surfaces by Reduction of Aryldiazonium Salts in Acidic or Neutral Aqueous Solution. Application to the Protection of Iron against Corrosion. <i>Chemistry of Materials</i> , 2005, 17, 3968-3975.	6.7	179

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19	The solvent as hydrogen-atom donor in organic electrochemical reactions. Reduction of aromatic halides. <i>Journal of the American Chemical Society</i> , 1980, 102, 4120-4127.	13.7	174
20	Time-of-Flight Secondary Ion Mass Spectroscopy Characterization of the Covalent Bonding between a Carbon Surface and Aryl Groups. <i>Langmuir</i> , 2005, 21, 280-286.	3.5	168
21	Outer-sphere dissociative electron transfer to organic molecules: a source of radicals or carbanions? Direct and indirect electrochemistry of perfluoroalkyl bromides and iodides. <i>Journal of the American Chemical Society</i> , 1990, 112, 3509-3520.	13.7	164
22	X-ray Photoelectron Spectroscopy Evidence for the Covalent Bond between an Iron Surface and Aryl Groups Attached by the Electrochemical Reduction of Diazonium Salts. <i>Langmuir</i> , 2003, 19, 6333-6335.	3.5	159
23	Formation of Polyphenylene Films on Metal Electrodes by Electrochemical Reduction of Benzenediazonium Salts. <i>Chemistry of Materials</i> , 2006, 18, 2021-2029.	6.7	153
24	The Electrochemical Reduction of Diazonium Salts on Iron Electrodes. The Formation of Covalently Bonded Organic Layers and Their Effect on Corrosion. <i>Chemistry of Materials</i> , 2002, 14, 392-400.	6.7	147
25	Hydroxylation by Electrochemically Generated OH <sub>2</sub> <sup>•</sup> Radicals. Mono- and Polyhydroxylation of Benzoic Acid: Products and Isomer Distribution. <i>The Journal of Physical Chemistry</i> , 1995, 99, 13948-13954.	2.9	142
26	Fast sweep cyclic voltammetry at ultra-microelectrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 243, 321-335.	0.1	137
27	Spontaneous Attachment of Amines to Carbon and Metallic Surfaces. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19521-19529.	2.6	135
28	Study of the spontaneous formation of organic layers on carbon and metal surfaces from diazonium salts. <i>Surface Science</i> , 2006, 600, 4801-4812.	1.9	132
29	Surface functionalisation of polymers. <i>Chemical Society Reviews</i> , 2017, 46, 5701-5713.	38.1	128
30	Oxidation of caffeic acid and related hydroxycinnamic acids. <i>Journal of Electroanalytical Chemistry</i> , 1996, 405, 169-176.	3.8	125
31	Steric Effects in the Reaction of Aryl Radicals on Surfaces. <i>Langmuir</i> , 2009, 25, 286-293.	3.5	121
32	Uptake of copper ions by carbon fiber/polymer hybrids prepared by tandem diazonium salt chemistry and in situ atom transfer radical polymerization. <i>Carbon</i> , 2010, 48, 2106-2111.	10.3	119
33	Grafting of Diazonium Salts on Surfaces: Application to Biosensors. <i>Biosensors</i> , 2020, 10, 4.	4.7	102
34	Structural characterization of organic monolayers on Si(111) from capacitance measurements. <i>Electrochimica Acta</i> , 2000, 45, 3241-3248.	5.2	101
35	Novel Approach for Metallic Surface-Initiated Atom Transfer Radical Polymerization Using Electrografted Initiators Based on Aryl Diazonium Salts. <i>Langmuir</i> , 2005, 21, 4686-4694.	3.5	99
36	Free Radical Chemistry of Flavan-3-ols: A Determination of Thermodynamic Parameters and of Kinetic Reactivity from Short (ns) to Long (ms) Time Scale. <i>Journal of the American Chemical Society</i> , 2002, 124, 14027-14038.	13.7	88

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37	Electrochemical functionalization of nanotube films: growth of aryl chains on single-walled carbon nanotubes. <i>New Journal of Chemistry</i> , 2004, 28, 302.	2.8	88
38	Degradation of chlorophenoxyacid herbicides in aqueous media, using a novel electrochemical method. <i>Pest Management Science</i> , 1999, 55, 558-562.	0.4	81
39	Electrochemical Attachment of Organic Groups to Carbon Felt Surfaces. <i>Langmuir</i> , 2001, 17, 7102-7106.	3.5	81
40	Grafting densely-packed poly(n-butyl methacrylate) chains from an iron substrate by aryl diazonium surface-initiated ATRP: XPS monitoring. <i>Surface Science</i> , 2007, 601, 2357-2366.	1.9	79
41	Nucleophile and aryl radical reactivity in SRN1 aromatic nucleophilic substitution reactions. Absolute and relative electrochemical determination. <i>Journal of the American Chemical Society</i> , 1985, 107, 3451-3459.	13.7	78
42	Attachment of Polymers to Organic Moieties Covalently Bonded to Iron Surfaces. <i>Chemistry of Materials</i> , 2002, 14, 4576-4585.	6.7	77
43	Electrochemically induced aromatic nucleophilic substitution. <i>Journal of the American Chemical Society</i> , 1978, 100, 1506-1510.	13.7	69
44	Preparation of Water-Soluble Magnetic Nanocrystals Using Aryl Diazonium Salt Chemistry. <i>Journal of the American Chemical Society</i> , 2011, 133, 1646-1649.	13.7	69
45	Trace crossings in cyclic voltammetry and electrochemic electrochemical inducement of chemical reactions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1980, 107, 59-74.	0.1	68
46	Surface-Modified Carbon Felts: Possible Supports for Combinatorial Chemistry. <i>Journal of Organic Chemistry</i> , 2002, 67, 8513-8518.	3.2	62
47	Sensitized Photografting of Diazonium Salts by Visible Light. <i>Chemistry of Materials</i> , 2013, 25, 90-97.	6.7	61
48	Electrochemically induced aromatic nucleophilic substitution in liquid ammonia. Competition with electron transfer. <i>Journal of the American Chemical Society</i> , 1979, 101, 6012-6020.	13.7	59
49	Are anion radicals unable to undergo radical-radical dimerization?. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1982, 137, 143-148.	0.1	59
50	Surface modification of polymers by reduction of diazonium salts: polymethylmethacrylate as an example. <i>Journal of Materials Chemistry C</i> , 2014, 2, 356-363.	5.5	59
51	Electrochemically induced nucleophilic substitution of perfluoroalkyl halides. An example of a dissociative electron-transfer-induced chemical reaction. <i>Journal of the American Chemical Society</i> , 1991, 113, 6872-6879.	13.7	57
52	Electroless ultrasonic functionalization of diamond nanoparticles using aryl diazonium salts. <i>Diamond and Related Materials</i> , 2008, 17, 1881-1887.	3.9	57
53	Functionalization of Aluminum Nanoparticles Using a Combination of Aryl Diazonium Salt Chemistry and Iniferter Method. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26000-26006.	3.1	56
54	Reaction of inflammation inhibitors with chemically and electrochemically generated hydroxyl radicals. <i>Journal of Electroanalytical Chemistry</i> , 1992, 334, 103-109.	3.8	55

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55	Electrochemically catalyzed aromatic nucleophilic substitution. Phenoxide ion as nucleophile. <i>Journal of Organic Chemistry</i> , 1988, 53, 1496-1504.	3.2	54
56	A Convenient Synthesis of Perfluoroalkylated and Fluorinated-Aryl Nitrogen Bases by Electrochemically Induced SRN1 Substitution. <i>Journal of Organic Chemistry</i> , 1996, 61, 1331-1340.	3.2	54
57	Tailoring the Surface Chemistry of Gold Nanorods through Au-C/Ag-C Covalent Bonds Using Aryl Diazonium Salts. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19098-19105.	3.1	54
58	Electron transfer induced reactions. Electrochemically stimulated aromatic nucleophilic substitution in organic solvents. <i>Journal of the American Chemical Society</i> , 1982, 104, 817-826.	13.7	50
59	Kinetic analysis of reversible electrodimmerization reactions by the combined use of double potential step chronoamperometry and linear sweep voltammetry. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1985, 184, 1-24.	0.1	50
60	Hydrogen atom abstraction and solvent involvement in the electrochemistry of haloaromatics. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1978, 89, 347-361.	0.1	48
61	Spontaneous grafting of diazoates on metals. <i>Electrochimica Acta</i> , 2009, 54, 2164-2170.	5.2	48
62	Electrochemically induced SRN1 aromatic nucleophilic substitution. Absolute reactivities of phenyl derivatives in liquid ammonia. <i>Journal of the American Chemical Society</i> , 1985, 107, 4846-4853.	13.7	47
63	Determination of formal potentials of chemically unstable redox couples by second-harmonic alternating current voltammetry and cyclic voltammetry. Application to the oxidation of thiophenoxide ions. <i>Journal of the American Chemical Society</i> , 1993, 115, 7783-7788.	13.7	44
64	Electrochemical Oxidation of $\sigma$ -Complex-Type Intermediates in Aromatic Nucleophilic Substitutions. <i>Chemistry - A European Journal</i> , 2001, 7, 1712-1719.	3.3	44
65	Fiber with Butterfly Wings: Creating Colored Carbon Fibers with Increased Strength, Adhesion, and Reversible Malleability. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 41617-41625.	8.0	43
66	Simultaneously increasing the hydrophobicity and interfacial adhesion of carbon fibres: a simple pathway to install passive functionality into composites. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13483-13494.	10.3	43
67	Electro- and Photografting of Carbon or Metal Surfaces by Alkyl Groups. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18559-18565.	3.1	42
68	Electrografting of Diazonium-Functionalized Polyoxometalates: Synthesis, Immobilisation and Electron-Transfer Characterisation from Glassy Carbon. <i>Chemistry - A European Journal</i> , 2013, 19, 13838-13846.	3.3	42
69	Electron-transfer-induced reactions. A novel approach based on electrochemical redox catalysis. Application to aromatic nucleophilic substitutions. <i>Journal of the American Chemical Society</i> , 1984, 106, 6318-6321.	13.7	41
70	Aryl radicals from electrochemical reduction of aryl halides. Addition on olefins. <i>Journal of Organic Chemistry</i> , 1991, 56, 586-595.	3.2	41
71	Some Theoretical and Experimental Insights on the Mechanistic Routes Leading to the Spontaneous Grafting of Gold Surfaces by Diazonium Salts. <i>Langmuir</i> , 2017, 33, 8730-8738.	3.5	41
72	Photochemical grafting of diazonium salts on metals. <i>Chemical Communications</i> , 2011, 47, 12631.	4.1	40

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73	Electrolytic reduction of p-bromobenzophenone in the presence of benzenethiolate: an electrochemically catalysed aromatic nucleophilic substitution. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 933-934.	2.0	39
74	Dissociative Electron Transfer to Dihaloalkanes. Electrochemical Reduction of 1,3-Dihaloadamantanes, 1,4-Dihalobicyclo[2.2.2]octanes, and 1,3-Dihalobicyclo[1.1.1]pentanes. <i>Journal of the American Chemical Society</i> , 1994, 116, 4653-4659.	13.7	39
75	Polyphenols Deriving from Chalcones: Investigations of Redox Activities. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23720-23729.	2.6	39
76	Control of the Grafting of Hybrid Polyoxometalates on Metal and Carbon Surfaces: Toward Submonolayers. <i>Langmuir</i> , 2014, 30, 2287-2296.	3.5	39
77	Product distribution in preparative scale electrolysis. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1981, 123, 231-242.	0.1	38
78	Nonchain Processes in Nucleophilic Substitutions Triggered by Electron Transfer (SRN1). Photochemical and Electrochemical Induction of the Substitution of 1-Iodoadamantane by Arenethiolate Ions. <i>Journal of the American Chemical Society</i> , 1995, 117, 11488-11498.	13.7	37
79	Covalent sizing surface modification as a route to improved interfacial adhesion in carbon fibre-epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 140, 106147.	7.6	36
80	Hydrogen atom transfer oxidation of primary and secondary alcoholates into aldehydes and ketones by aromatic halides in liquid ammonia. A new electrochemically inducible reaction. <i>Journal of the American Chemical Society</i> , 1982, 104, 1979-1986.	13.7	35
81	Growth of polymer brushes by atom transfer radical polymerization on glassy carbon modified by electro-grafted initiators based on aryl diazonium salts. <i>Surface and Interface Analysis</i> , 2006, 38, 565-568.	1.8	35
82	Electron-transfer-induced reactions. Termination steps and efficiency of the chain process in SRN1 aromatic substitutions. <i>Journal of the American Chemical Society</i> , 1981, 103, 6930-6937.	13.7	34
83	Electrochemical Reduction of Pyrazines into Dihydropyrazines. Preparation of Dihydropyrazines. <i>Canadian Journal of Chemistry</i> , 1974, 52, 3971-3980.	1.1	33
84	Micro-patterned anti-icing coatings with dual hydrophobic/hydrophilic properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19353-19357.	10.3	30
85	Perfluoroalkylation of imidazoles by electrochemically induced srn1 substitution.. <i>Tetrahedron Letters</i> , 1990, 31, 1279-1282.	1.4	29
86	Chemical and electrochemical reduction of pyrazino[2,3-g]quinoxalines and of their benzo and dibenzo derivatives; the structure of fluorindine and the formation of tetraanion. <i>Canadian Journal of Chemistry</i> , 1987, 65, 1619-1623.	1.1	28
87	Efficient Covalent Modification of Multiwalled Carbon Nanotubes with Diazotized Dyes in Water at Room Temperature. <i>Langmuir</i> , 2017, 33, 6677-6690.	3.5	28
88	Hydroxylation of aromatic drugs by the electro-Fenton method. Formation and identification of the metabolites of Riluzole. <i>New Journal of Chemistry</i> , 1999, 23, 793-794.	2.8	27
89	Indirect Grafting of Acetonitrile-Derived Films on Metallic Substrates. <i>Chemistry of Materials</i> , 2010, 22, 2962-2969.	6.7	27
90	The Electrochemical Reduction of Compounds with the Group. III as-Triazines. <i>Canadian Journal of Chemistry</i> , 1972, 50, 1581-1590.	1.1	26

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91	Current dips in polarography and cyclic voltammetry associated with electrochemical inducement of chemical reactions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1980, 107, 75-86.	0.1	26
92	The role of water in organic electroreductive dimerizations in aprotic solvents. How general is the anion radical-water complex mechanism?. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1982, 139, 193-197.	0.1	26
93	Electrografting of diazonium salts: A kinetics study. <i>Electrochemistry Communications</i> , 2017, 81, 120-123.	4.7	26
94	Alkyl-Modified Gold Surfaces: Characterization of the Au-C Bond. <i>Langmuir</i> , 2018, 34, 11264-11271.	3.5	26
95	Lowering interfacial chemical reactivity of oxide materials for lithium batteries. A molecular grafting approach. <i>Journal of Materials Chemistry</i> , 2009, 19, 4771.	6.7	25
96	Regular poly(para-phenylene) films bound to gold surfaces through the electrochemical reduction of diazonium salts followed by electropolymerization in an ionic liquid. <i>Electrochimica Acta</i> , 2013, 106, 172-180.	5.2	25
97	Very fast, in-cage, recombination of a radical with a nucleophile. Arylazo sulfides in SRN1 aromatic nucleophilic substitutions. <i>Journal of Organic Chemistry</i> , 1993, 58, 2670-2677.	3.2	24
98	Mechanism of oxidative coupling of coniferyl alcohol. <i>Phytochemistry</i> , 1994, 36, 1013-1020.	2.9	24
99	Physisorption vs grafting of aryldiazonium salts onto iron: A corrosion study. <i>Electrochimica Acta</i> , 2011, 56, 10762-10766.	5.2	24
100	Electrochemical reduction of compounds with A-N=C-C=N- group. I. Quinoxalines. <i>Collection of Czechoslovak Chemical Communications</i> , 1971, 36, 585-598.	1.0	24
101	Electrografting of Alkyl Films at Low Driving Force by Diverting the Reactivity of Aryl Radicals Derived from Diazonium Salts. <i>Langmuir</i> , 2014, 30, 13907-13913.	3.5	23
102	Electrode Surface Modification Using Diazonium Salts. <i>Electroanalytical Chemistry, A Series of Advances</i> , 2015, , 115-224.	1.7	23
103	Titanium(III) chloride and electrochemical reduction of pyrazine, quinoxaline and triazine derivatives and of their salts. <i>Journal of Heterocyclic Chemistry</i> , 1980, 17, 1237-1240.	2.6	22
104	Electrochemical and chemical reduction of furopyrazines, thienopyrazines, furoquinoxalines and thienoquinoxalines. <i>Journal of Organic Chemistry</i> , 1991, 56, 4840-4845.	3.2	22
105	Electrochemical reduction of pyridopyrazines. <i>Canadian Journal of Chemistry</i> , 1978, 56, 1804-1816.	1.1	21
106	Electrochemically induced aromatic substitution. The 2-nitropropane anion, a powerful nucleophile in SRN1 aromatic substitution. <i>Journal of Organic Chemistry</i> , 1986, 51, 3757-3761.	3.2	21
107	Phenoxide ions as nucleophiles in SRN1 aromatic nucleophilic substitution. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 7-8.	2.0	21
108	Electrochemical reduction of quinoxalino[2,3-b]quinoxaline. <i>Canadian Journal of Chemistry</i> , 1982, 60, 2797-2803.	1.1	20

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109	Short time-scale observation of an electrospray current. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 707-710.	1.5	20
110	Surface functionalization of nanomaterials by aryl diazonium salts for biomedical sciences. <i>Advances in Colloid and Interface Science</i> , 2021, 294, 102479.	14.7	20
111	Expanding the Scope of Surface Grafted Polymers Using Electroinitiated Polymerization. <i>Langmuir</i> , 2020, 36, 7217-7226.	3.5	20
112	Surface Modification of Polymers by Reaction of Alkyl Radicals. <i>Langmuir</i> , 2016, 32, 512-518.	3.5	19
113	Electrochemically induced SRN1 aromatic nucleophilic substitution. Monoanions of $\hat{I}^2$ -dicarbonyl and $\hat{I}^2$ -cyanocarbonyl compounds as nucleophiles. <i>Tetrahedron Letters</i> , 1989, 30, 1373-1376.	1.4	18
114	Electrochemically induced SRN 1 substitution of fluorinated aryl halides. Application to the synthesis of fluorinated-aryl heterocycles. <i>Electrochimica Acta</i> , 1997, 42, 2049-2055.	5.2	18
115	Localized Attachment of Carbon Nanotubes in Microelectronic Structures. <i>Advanced Materials</i> , 2009, 21, 4404-4408.	21.0	18
116	Grafting of an aluminium surface with organic layers. <i>RSC Advances</i> , 2016, 6, 78369-78377.	3.6	18
117	Electrochemical reductive carboxylation: reduction of unsaturated compounds in the presence of methyl chloroformate. <i>Journal of Organic Chemistry</i> , 1983, 48, 2847-2853.	3.2	17
118	Preparation, chemical and electrochemical reduction of pyrido[2,3- <i>b</i> ]quinoxalines and pyrido[3,4- <i>b</i> ]quinoxalines. <i>Canadian Journal of Chemistry</i> , 1988, 66, 1500-1505.	1.1	17
119	A new convenient synthesis of 5-aryl uracils using SRN1 aromatic nucleophilic substitution. <i>Tetrahedron Letters</i> , 1993, 34, 3409-3412.	1.4	17
120	Selective protection of catechin gives access to the intrinsic reactivity of the two phenol rings during H-abstraction and photo-oxidation. <i>Tetrahedron Letters</i> , 2000, 41, 5847-5851.	1.4	17
121	Grafting of diazonium salts on oxides surface: formation of aryl-O bonds on iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	17
122	Surface modification of materials: Electrografting of organic films. <i>Current Opinion in Electrochemistry</i> , 2020, 24, 44-48.	4.8	17
123	Addition of aryl radicals generated from electrochemical reduction of aryl halides on carbon-carbon double bonds. <i>Tetrahedron Letters</i> , 1988, 29, 639-642.	1.4	16
124	One-electron redox potentials for the oxidation of coniferyl alcohol and analogues. <i>Journal of Electroanalytical Chemistry</i> , 1992, 328, 327-331.	3.8	16
125	Molecular Grafting on Si(111) Surfaces: An Electrochemical Approach. <i>Materials Research Society Symposia Proceedings</i> , 1996, 451, 185.	0.1	16
126	One-Step Formation of Bifunctional Aryl/Alkyl Grafted Films on Conducting Surfaces by the Reduction of Diazonium Salts in the Presence of Alkyl Iodides. <i>Langmuir</i> , 2015, 31, 5406-5415.	3.5	16



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127	Diazonium salt chemistry for the design of nano-textured anti-icing surfaces. Chemical Communications, 2018, 54, 8983-8986.	4.1	16
128	Perfluoroalkylation of purine and pyrimidine bases by electrochemically induced SRN1 substitution.. Tetrahedron Letters, 1992, 33, 7351-7354.	1.4	15
129	Oxidative Dimerization of Phenolic Aldehydes Related to Lignin Formation. The Journal of Physical Chemistry, 1994, 98, 2641-2645.	2.9	14
130	Surface Properties, Porosity, Chemical and Electrochemical Applications. , 2006, , 495-549.		14
131	Patterning Surfaces through Photografting of Iodonium Salts. Journal of Physical Chemistry C, 2018, 122, 19722-19730.	3.1	14
132	Simultaneous Photografting of Two Organic Groups on a Gold Surface by using Arylazo Sulfones as Single Precursors. Langmuir, 2020, 36, 2786-2793.	3.5	14
133	Multiple reaction pathways for the oxidation of 2,6-diphenylphenolates. Journal of Electroanalytical Chemistry, 1993, 362, 257-265.	3.8	13
134	Using redox active molecules to build multilayered architecture on carbon fibers and the effect on adhesion in epoxy composites. Composites Science and Technology, 2021, 202, 108564.	7.8	13
135	Surface Functionalization of Metals by Alkyl Chains through a Radical Crossover Reaction. Langmuir, 2016, 32, 6335-6342.	3.5	12
136	Pyridazino[3,4-b]quinoxalines and their reduced derivatives. Preparation and structure. Journal of Heterocyclic Chemistry, 1985, 22, 1519-1525.	2.6	11
137	Electrochemical behaviour of syringaldazine, a colorimetric redox reagent. Journal of Electroanalytical Chemistry, 1993, 353, 225-235.	3.8	11
138	Electrografting of the cyanomethyl radical onto carbon and metal surfaces. Electrochimica Acta, 2011, 56, 1476-1484.	5.2	11
139	The electrochemical oxidation of Riluzole, a neuroprotective drug: comparison with the reaction with oxygen derived radicals. Journal of the Chemical Society Perkin Transactions II, 1999, , 619-622.	0.9	10
140	Isomerization of Azo Compounds. Cleavage Recombination Mechanism of Azosulfides. Journal of Physical Chemistry A, 1999, 103, 5490-5500.	2.5	10
141	From Langmuirâ€“Blodgett to Grafted Films. Langmuir, 2020, 36, 2534-2542.	3.5	10
142	Ionâˆ“Radical Complexes and SRN1-like Reactions in the Gas-Phase. A Negative-Ion Mass Spectrometric Investigation of Arylazo Sulfides. Journal of Organic Chemistry, 1996, 61, 929-934.	3.2	9
143	The electrocatalytic stereomutation of arylazosulfides. A spectroelectrochemical investigation. Journal of Electroanalytical Chemistry, 1997, 422, 99-114.	3.8	9
144	Photochemical Grafting and Patterning of Metallic Surfaces by Organic Layers Derived from Acetonitrile. Chemistry of Materials, 2011, 23, 3449-3459.	6.7	9

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145	Powerful Surface Chemistry Approach for the Grafting of Alkyl Multilayers on Aluminum Nanoparticles. <i>Langmuir</i> , 2015, 31, 6092-6098.	3.5	9
146	Surface modification by electrochemical reduction of alkyldiazonium salts. <i>Electrochemistry Communications</i> , 2016, 68, 5-9.	4.7	9
147	Structure and electrochemical behaviour of 2-nitrosoquinoxaline. <i>Canadian Journal of Chemistry</i> , 1981, 59, 1711-1716.	1.1	8
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