

Antonio Rodes

List of Publications by Year in descending order

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125
all docs

125
docs citations

125
times ranked

3151
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Reactivity at α -Chiral-Platinum Surfaces. Langmuir, 1999, 15, 2420-2424.	3.5	246
2	Electrochemistry at platinum single crystal surfaces in acidic media : hydrogen and oxygen adsorption. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1991, 88, 1291-1337.	0.2	223
3	Role of Crystalline Defects in Electrocatalysis: CO Adsorption and Oxidation on Stepped Platinum Electrodes As Studied by in situ Infrared Spectroscopy. Journal of Physical Chemistry B, 2002, 106, 9863-9872.	2.6	221
4	In situ probing of step and terrace sites on $\text{Pt(S)}\text{-}[n(111) \text{ \AA} - (111)]$ electrodes. Chemical Physics, 1990, 141, 1-14.	1.9	207
5	Hydrogen probing of step and terrace sites on $\text{Pt(S)}\text{-}[n(111) \text{ \AA} - (100)]$. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 284, 245-253.	0.1	203
6	Electrochemical monitoring of the thermal reordering of platinum single-crystal surfaces after metallographic polishing from the early stage to the equilibrium surfaces. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 295, 333-356.	0.1	181
7	A Spectroscopic and Electrochemical Approach to the Study of the Interactions and Photoinduced Electron Transfer between Catechol and Anatase Nanoparticles in Aqueous Solution. Journal of the American Chemical Society, 2005, 127, 12601-12611.	13.7	160
8	Temperature Effects in the Enantiomeric Electro-Oxidation of d- and l-Glucose on $\text{Pt}\{643\}\text{S}$. Journal of Physical Chemistry B, 1999, 103, 1381-1385.	2.6	127
9	Surface electrochemistry of CO on $\text{Pt}()$: anion effects. Surface Science, 2002, 499, L149-L158.	1.9	125
10	In situ characterization of the $\text{Pt(S)}\text{-}[n(111) \text{ /sx } (111)]$ electrode surfaces using electrosorbed hydrogen for probing terrace and step sites. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 272, 253-261.	0.1	124
11	An FTIR study on the adsorption of acetate at the basal planes of platinum single-crystal electrodes. Journal of Electroanalytical Chemistry, 1994, 376, 109-118.	3.8	124
12	Electrochemical characterisation of platinum-palladium nanoparticles prepared in a water-in-oil microemulsion. Journal of Electroanalytical Chemistry, 2003, 554-555, 273-284.	3.8	121
13	Electrochemical behaviour of $\text{Pt}(100)$ in various acidic media. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 305, 115-129.	0.1	116
14	Sensitivity of Compressed Carbon Monoxide Adlayers on Platinum(111) Electrodes to Long-Range Substrate Structure: A Influence of Monoatomic Steps. Langmuir, 2000, 16, 811-816.	3.5	112
15	Determination of the potentials of zero total charge of $\text{Pt}(100)$ stepped surfaces in the $[\text{H}]$ zone. Effect of the step density and anion adsorption. Journal of Electroanalytical Chemistry, 2003, 552, 115-128.	3.8	91
16	On the voltammetric and spectroscopic characterization of nitric oxide adlayers formed from nitrous acid on Pt(h,k,l) and Rh(h,k,l) electrodes. Electrochimica Acta, 1996, 41, 729-745.	5.2	87
17	Voltammetric and in-situ FTIR spectroscopic study of the oxidation of methanol on Pt(hkl) in alkaline media. Journal of Electroanalytical Chemistry, 1995, 391, 149-157.	3.8	85
18	Vibrational spectroscopy of carbonate adsorbed on $\text{Pt}(111)$ and $\text{Pt}(110)$ single-crystal electrodes. Journal of Electroanalytical Chemistry, 1995, 383, 181-189.	3.8	80

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19	Anion adsorption on Pd-Pt(111) electrodes in sulphuric acid solution. Journal of Electroanalytical Chemistry, 2001, 497, 125-138.	3.8	78
20	Electrochemical behaviour of aqueous SO ₂ at Pt electrodes in acidic medium. A voltammetric and in situ Fourier transform IR study Part I. Oxidation of SO ₂ on Pt electrodes with sulphur-oxygen adsorbed species. Journal of Electroanalytical Chemistry, 1995, 394, 217-227.	3.8	75
21	Sputtered thin-film gold electrodes for in situ ATR-SEIRAS and SERS studies. Journal of Electroanalytical Chemistry, 2008, 617, 130-140.	3.8	67
22	Photoelectrochemical Behavior of Nanostructured WO ₃ Thin-Film Electrodes: The Oxidation of Formic Acid. ChemPhysChem, 2006, 7, 2540-2551.	2.1	65
23	Structural effects on CO ₂ reduction at Pt single-crystal electrodes. Journal of Electroanalytical Chemistry, 1994, 369, 183-191.	3.8	62
24	In Situ FTIR Spectroscopy Characterization of the NO Adlayers Formed at Platinum Single Crystal Electrodes in Contact with Acidic Solutions of Nitrite. Langmuir, 1995, 11, 3549-3553.	3.5	61
25	Nitric oxide adsorption at Pt(100) electrode surfaces. Electrochimica Acta, 1998, 44, 1077-1090.	5.2	61
26	Vibrational spectroscopy at the electrochemical interface. Electrochimica Acta, 1995, 40, 53-59.	5.2	60
27	Electrochemical behaviour of aqueous sulphur dioxide at polycrystalline Pt electrodes in acidic medium. A voltammetric and in-situ FT-IR study Part II. Promoted oxidation of sulphur dioxide. Reduction of sulphur dioxide. Journal of Electroanalytical Chemistry, 1995, 398, 105-115.	3.8	56
28	In-Situ Infrared Study of the Adsorption and Oxidation of Oxalic Acid at Single-Crystal and Thin-Film Gold Electrodes: A Combined External Reflection Infrared and ATR-SEIRAS Approach. Langmuir, 2006, 22, 7192-7202.	3.5	55
29	Electrochemical and in situ FTIR studies of the CO adsorption at palladium and rhodium multilayers deposited on platinum single crystal surfaces. I. Pt(110) substrate. Surface Science, 1995, 327, 202-215.	1.9	54
30	Oxalic acid adsorption and oxidation at platinum single crystal electrodes. Journal of Electroanalytical Chemistry, 2004, 563, 49-62.	3.8	53
31	Spectroelectrochemical study of the adsorption of acetate anions at gold single crystal and thin-film electrodes. Electrochimica Acta, 2008, 53, 2309-2321.	5.2	53
32	Electrochemical behaviour of amino acids on Pt(h,k,l): a voltammetric and in situ FTIR study. Part 1. Glycine on Pt(111). Journal of Electroanalytical Chemistry, 1997, 421, 179-185.	3.8	52
33	Structure sensitivity of irreversibly adsorbed tin on gold single-crystal electrodes in acid media. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 3769.	1.7	50
34	Structural effects on CO ₂ reduction at Pt single-crystal electrodes. Journal of Electroanalytical Chemistry, 1994, 377, 215-225.	3.8	49
35	Electrochemical and in situ FTIRS studies of the CO adsorption at palladium and rhodium multilayers deposited on platinum single crystal surfaces II. Pt(100) substrate. Surface Science, 1995, 344, 85-97.	1.9	49
36	FTIRS and electrochemical characterization of NO adlayers on Pt(hkl) generated upon immersion in an acidic solution of nitrite. Surface Science, 1995, 342, L1104-L1110.	1.9	48

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37	Potential of zero total charge of palladium modified Pt(111) electrodes in perchloric acid solutions. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 3269-3276.	2.8	47
38	Sulphate adsorption at chemically deposited silver thin film electrodes: time-dependent behaviour as studied by internal reflection step-scan infrared spectroscopy. <i>Electrochemistry Communications</i> , 2003, 5, 56-60.	4.7	47
39	Structural effects on CO ₂ reduction at Pt single-crystal electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1994, 373, 167-175.	3.8	46
40	Urea adsorption on Pt(111) electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1999, 461, 65-75.	3.8	46
41	CO adsorption and oxidation on Pt(111) electrodes modified by irreversibly adsorbed arsenic in sulphuric acid medium. Comparison with bismuth-modified electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1995, 393, 87-96.	3.8	45
42	On the Electrochemical and in-Situ Fourier Transform Infrared Spectroscopy Characterization of Urea Adlayers at Pt(100) Electrodes. <i>Langmuir</i> , 1997, 13, 2380-2389.	3.5	42
43	ATR-SEIRAS Study of the Adsorption of Acetate Anions at Chemically Deposited Silver Thin Film Electrodes. <i>Langmuir</i> , 2005, 21, 8809-8816.	3.5	42
44	B3LYP and in Situ ATR-SEIRAS Study of the Infrared Behavior and Bonding Mode of Adsorbed Acetate Anions on Silver Thin-Film Electrodes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14476-14483.	3.1	42
45	In Situ Infrared Study of the Adsorption and Surface Acid-Base Properties of the Anions of Dicarboxylic Acids at Gold Single Crystal and Thin-Film Electrodes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9943-9952.	3.1	40
46	Adsorption of CO at Palladium Monolayers Deposited on Pt(111) Electrodes. Combined Spectroelectrochemical and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2001, 105, 7263-7271.	2.6	39
47	Structural and Spectroelectrochemical Study of Carbonate and Bicarbonate Adsorbed on Pt(111) and Pd/Pt(111) Electrodes. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17928-17939.	2.6	39
48	An electrochemical study in perchloric acid medium of adlayers formed from irreversible adsorption of nitrite on Pt(100). <i>Journal of Electroanalytical Chemistry</i> , 1993, 359, 315-323.	3.8	38
49	Understanding the Nernst Equation and Other Electrochemical Concepts: An Easy Experimental Approach for Students. <i>Journal of Chemical Education</i> , 2012, 89, 936-939.	2.3	38
50	Electrochemical behaviour of oxalic acid on platinum electrodes in acidic medium. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 281, 199-219.	0.1	35
51	Electrochemical behaviour of Pt(100) in various acidic media. <i>Journal of Electroanalytical Chemistry</i> , 1992, 338, 317-338.	3.8	35
52	Adenine Adsorption at Single Crystal and Thin-Film Gold Electrodes: An In Situ Infrared Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18784-18794.	3.1	34
53	Electrochemical behaviour of amino acids on Pt(h, k, l). A voltammetric and in situ FTIR study. Part II. Serine and alanine on Pt(111). <i>Journal of Electroanalytical Chemistry</i> , 1997, 431, 269-275.	3.8	32
54	Co adsorption and oxidation on Pt(111) electrodes modified by irreversibly adsorbed selenium and tellurium. <i>Journal of Electroanalytical Chemistry</i> , 1996, 412, 165-174.	3.8	31

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55	A comparison between chemical and sputtering methods for preparing thin-film silver electrodes for in situ ATR-SEIRAS studies. <i>Electrochimica Acta</i> , 2007, 52, 4605-4613.	5.2	31
56	Adsorption of Glycine on Au(<i>hkl</i>) and Gold Thin Film Electrodes: An in Situ Spectroelectrochemical Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 16439-16450.	3.1	31
57	A comparative study of the adsorption and oxidation of L-alanine and L-serine on Au(1 0 0), Au(1 1 1) and gold thin film electrodes in acid media. <i>Electrochimica Acta</i> , 2013, 89, 72-83.	5.2	31
58	Surface Acid-Base Properties of Anion-Adsorbed Species at Pt(111) Electrode Surfaces in Contact with CO ₂ -Containing Perchloric Acid Solutions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16191-16199.	3.1	31
59	Electrochemical properties of palladium adlayers on Pt(100) substrates. <i>Surface Science</i> , 2004, 573, 32-46.	1.9	30
60	In situ Fourier transform infrared reflection absorption spectroscopy study of adenine adsorption on gold electrodes in basic media. <i>Electrochimica Acta</i> , 2014, 140, 476-481.	5.2	30
61	The electrochemistry of nitrogen-containing compounds at platinum single crystal electrodes.. <i>Journal of Electroanalytical Chemistry</i> , 1993, 358, 287-305.	3.8	29
62	FTIRS and electrochemical characterization of the NO adlayer generated by immersion of a Rh(111) electrode in an acidic solution of nitrite. <i>Journal of Electroanalytical Chemistry</i> , 1995, 393, 123-129.	3.8	27
63	Irreversibly adsorbed As at full blockage on Pt(111) electrodes: Surface stoichiometry. <i>Journal of Electroanalytical Chemistry</i> , 1997, 434, 121-127.	3.8	27
64	Urea Adsorption on Platinum Single Crystal Stepped Surfaces. <i>Langmuir</i> , 2001, 17, 8260-8269.	3.5	27
65	An in situ infrared and electrochemical study of oxalic acid adsorption at stepped platinum single crystal electrodes in the zone. <i>Electrochimica Acta</i> , 2004, 49, 1257-1269.	5.2	26
66	DFT and In-Situ Spectroelectrochemical Study of the Adsorption of Fluoroacetate Anions at Gold Electrodes. <i>Journal of Physical Chemistry C</i> , 2009, 113, 989-1000.	3.1	26
67	Electrochemical study of step reconstruction on platinum surfaces belonging to the [01] zone between Pt(311) and Pt(111). <i>Journal of Electroanalytical Chemistry</i> , 1993, 344, 269-288.	3.8	25
68	Spectroscopic Study of the Nitric Oxide Adlayers Formed from Nitrous Acid Solutions on Palladium-Covered Platinum Single-Crystal Electrodes. <i>Langmuir</i> , 2000, 16, 4695-4705.	3.5	25
69	Irreversible tin adsorption on polyoriented gold electrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 256, 455-462.	0.1	24
70	In situ FT-IRRAS study of SO ₂ adlayers formed on Pt(111) electrodes from open-circuit adsorption in acidic media. <i>Electrochimica Acta</i> , 1998, 44, 1091-1096.	5.2	23
71	Glycolate adsorption at gold and platinum electrodes: A theoretical and in situ spectroelectrochemical study. <i>Electrochimica Acta</i> , 2010, 55, 2055-2064.	5.2	23
72	Two-Dimensional Effects on the in Situ Infrared Spectra of CO Adsorbed at Palladium-Covered Pt(111) Electrode Surfaces. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2018-2028.	2.6	22

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73	In situ infrared study of adenine adsorption on gold electrodes in acid media. <i>Electrochimica Acta</i> , 2012, 82, 534-542.	5.2	22
74	Electrochemical behaviour of amino acids on Pt(hkl). A voltammetric and in situ FTIR study.. <i>Journal of Electroanalytical Chemistry</i> , 1998, 445, 155-164.	3.8	21
75	Spectroelectrochemical Study of the Photoinduced Catalytic Formation of 4,4'-Dimercaptoazobenzene from 4-Aminobenzenethiol Adsorbed on Nanostructured Copper. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12312-12324.	3.1	21
76	The role of the crystalline surface structure of platinum electrodes in the electrooxidation of d-glucose in acid solutions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 316, 175-197.	0.1	20
77	Electrochemical detection and characterization at Pt(n,n,n - 2) oriented electrodes of multiatomic step formation induced by quenching at high temperatures. <i>Journal of Electroanalytical Chemistry</i> , 1993, 348, 247-264.	3.8	20
78	Spectroscopic investigations on the adsorption of trifluoroacetate at Pt(100), Pt(110) and Pt(111). <i>Journal of Electroanalytical Chemistry</i> , 1996, 404, 61-68.	3.8	20
79	Photocatalytic behavior of suspended and supported semiconductor particles in aqueous media: Fundamental aspects using catechol as model molecule. <i>Catalysis Today</i> , 2007, 129, 86-95.	4.4	19
80	Theoretical and Spectroelectrochemical Studies on the Adsorption and Oxidation of Glyoxylate and Hydrated Glyoxylate Anions at Gold Electrodes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12554-12564.	3.1	19
81	Acetonitrile Adsorption on Pt Single-Crystal Electrodes and Its Effect on Oxygen Reduction Reaction in Acidic and Alkaline Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2300-2313.	3.1	19
82	Urea Adsorption at Rhodium Single-Crystal Electrodes. <i>Langmuir</i> , 2000, 16, 10376-10384.	3.5	18
83	Electrochemical behaviour of oxocarbons on single crystal platinum electrodes Part IV. Rhodizonic acid in 0.5 M sulphuric acid medium. <i>Journal of Electroanalytical Chemistry</i> , 1997, 424, 185-196.	3.8	17
84	Spectroelectrochemical and DFT Study of Thiourea Adsorption on Gold Electrodes in Acid Media. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19070-19084.	3.1	17
85	FTIR study of the electrochemical behaviour of squaric acid on polycrystalline platinum electrodes in 0.5 M H ₂ SO ₄ . <i>Journal of Electroanalytical Chemistry</i> , 1993, 352, 345-352.	3.8	16
86	Hydrolysis of the 4-cyanopyridine on a Au(111) electrode studied by vibrational spectroscopies. <i>Electrochimica Acta</i> , 2001, 46, 4319-4329.	5.2	16
87	The influence of polyoriented gold electrodes modified by reversibly and irreversibly adsorbed ad-atoms on the redox behaviour of the Cr(III) / Cr(II). <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1989, 271, 127-139.	0.1	15
88	Electrochemical behaviour of oxocarbons on single crystal platinum electrodes Part 3. Croconic acid oxidation on Pt(111) surfaces in acid medium. <i>Journal of Electroanalytical Chemistry</i> , 1996, 404, 161-169.	3.8	13
89	The electrochemistry of nitrogen-containing compounds at platinum single crystal electrodes: Part 2. Semicarbazide on Pt(100) electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1997, 436, 245-255.	3.8	13
90	Formate Adsorption onto Thin Films of Rutile TiO ₂ Nanorods and Nanowires. <i>Langmuir</i> , 2008, 24, 14035-14041.	3.5	13

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91	Electrochemical behaviour of oxocarbons on single crystal platinum electrodes Part II. Croconic acid oxidation on Pt(S)-[n(100) Å— (111)] surfaces in 0.5 M sulphuric acid medium. <i>Journal of Electroanalytical Chemistry</i> , 1994, 376, 101-108.	3.8	12
92	The electrochemistry of nitrogen-containing compounds at platinum single crystal electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1999, 467, 20-29.	3.8	11
93	Oxalic acid photooxidation on rutile nanowire electrodes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10503.	2.8	11
94	SERS on (111) Surface Nanofacets at Pt Nanoparticles: The Case of Acetaldehyde Oxime Reduction. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10781-10789.	3.1	11
95	Evidences of adenine–thymine Interactions at gold electrodes interfaces as provided by in-situ infrared spectroscopy. <i>Electrochemistry Communications</i> , 2013, 35, 53-56.	4.7	11
96	ATR-SEIRAS study of CO adsorption and oxidation on Rh modified Au(111-25 nm) film electrodes in 0.1 M H ₂ SO ₄ . <i>Electrochimica Acta</i> , 2015, 176, 1202-1213.	5.2	11
97	Model System for the Study of 2D Phase Transitions and Supramolecular Interactions at Electrified Interfaces: Hydrogen-Assisted Reductive Desorption of Catechol-Derived Adlayers from Pt(111) Single-Crystal Electrodes. <i>Langmuir</i> , 2008, 24, 3551-3561.	3.5	10
98	Voltammetric and subtractively normalized interfacial FTIR study of the adsorption and oxidation of L(+)-ascorbic acid on Pt electrodes in acid medium: effect of Bi adatoms. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 609-615.	1.7	9
99	Electrooxidation of xylitol on platinum single crystal electrodes: A voltammetric and in situ FTIRS study. <i>Journal of Electroanalytical Chemistry</i> , 2007, 609, 42-50.	3.8	9
100	A macroscopic and molecular view of photoinduced reactions on nanostructured semiconductor thin films. <i>Chemical Communications</i> , 2010, 46, 2992.	4.1	9
101	DFT and spectroelectrochemical study of cyanate adsorption on gold single crystal electrodes in neutral medium. <i>Journal of Electroanalytical Chemistry</i> , 2017, 793, 147-156.	3.8	9
102	Domain-Selective Reactivity of Hydroquinone-Derived Adlayers at Basal Pt(hkl) Single-Crystal Electrodes. <i>Langmuir</i> , 2009, 25, 10337-10344.	3.5	8
103	Spectroelectrochemical behavior of 4-aminobenzenethiol on nanostructured platinum and silver electrodes. <i>Surface Science</i> , 2015, 631, 213-219.	1.9	8
104	Spectroelectrochemical detection of specifically adsorbed cyanurate anions at gold electrodes with (111) orientation in contact with cyanate and cyanuric acid neutral solutions. <i>Journal of Electroanalytical Chemistry</i> , 2017, 800, 167-175.	3.8	8
105	Hydroxyurea electrooxidation at gold electrodes. In situ infrared spectroelectrochemical and DFT characterization of adsorbed intermediates. <i>Electrochimica Acta</i> , 2017, 246, 951-962.	5.2	8
106	On the oxidation of D-sorbitol on platinum single crystal electrodes: a voltammetric and in situ FTIRS study. <i>Electrochimica Acta</i> , 1998, 44, 735-743.	5.2	6
107	Oxidative adsorption and hydrogen-mediated desorption of parabanic acid on Pt(111) electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2003, 550-551, 53-65.	3.8	6
108	On the electrochemical behavior of formamidine disulfide on gold electrodes in acid media. <i>Journal of Electroanalytical Chemistry</i> , 2016, 764, 79-87.	3.8	6

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109	Reactivity of Pt(h,k,l) surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 134, 133-143.	4.7	5
110	Electro-oxidation of d-mannitol on platinum single crystal surfaces. Electrochimica Acta, 2001, 46, 3147-3155.	5.2	5
111	Formation of cyanuric acid from cyanate adsorbed at gold electrodes. Electrochemistry Communications, 2017, 74, 1-4.	4.7	5
112	Squaric acid adsorption and oxidation at gold and platinum electrodes. Journal of Electroanalytical Chemistry, 2018, 819, 178-186.	3.8	5
113	Spectroelectrochemical and Density Functional Theory Study of Squaric Acid Adsorption and Oxidation at Gold Thin Film and Single Crystal Electrodes. Journal of Physical Chemistry C, 2018, 122, 22352-22365.	3.1	5
114	Electrochemical Properties of Pd/Pt(111) Adlayers. , 2002, , 37-52.		5
115	Electrochemical Oxidation of D-Sorbitol and D-Manitol on Platinum Monocrystalline Surfaces. Portugaliae Electrochimica Acta, 2003, 21, 327-343.	1.1	5
116	In-situ FTIR Studies on the Acid-Base Equilibria of Adsorbed Species on Well-Defined Metal Electrode Surfaces. , 2007, , 1-32.		4
117	Do You Really Understand the Electrochemical Nernst Equation?. Electrocatalysis, 2013, 4, 1-9.	3.0	4
118	Cyanate and Cyanurate Adsorption at Silver Electrodes in Neutral Solutions: In Situ ATR-SEIRAS and DFT Studies. Journal of Physical Chemistry C, 2020, 124, 709-721.	3.1	4
119	FTIR study of surface structure influence on the electrochemical behaviour of the ascorbate anion at platinum electrodes in neutral solutions. Journal of Electroanalytical Chemistry, 1994, 374, 263-268.	3.8	3
120	Voltammetric and in situ infrared spectroscopy studies of hydroxyurea electrooxidation at Au(111) electrodes in HClO ₄ solutions. Electrochemistry Communications, 2017, 76, 34-37.	4.7	3
121	Size-Dependent and Step-Modulated Supramolecular Electrochemical Properties of Catechol-Derived Adlayers at Pt(<i>hkl</i>) Surfaces. Langmuir, 2013, 29, 13102-13110.	3.5	1
122	Spectroelectrochemical and DFT approaches to the study of croconic acid adsorption at gold electrodes in acidic solutions. Journal of Electroanalytical Chemistry, 2021, 896, 115396.	3.8	1
123	Title is missing!. Electrochimica Acta, 2007, 52, 7172.	5.2	0