Victor Climent

List of Publications by Year
in descending order

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139	6,743	47006	69250
papers	citations	47 h-index	77 g-index

144	144	144	4898
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interfacial water reorganization as a pH-dependent descriptor of the hydrogen evolution rate on platinum electrodes. Nature Energy, 2017, 2, .	39.5	791
2	Thirty years of platinum single crystal electrochemistry. Journal of Solid State Electrochemistry, 2011, 15, 1297-1315.	2.5	204
3	Mechanistic studies of the â€˜blueâ€™ Cu enzyme, bilirubin oxidase, as a highly efficient electrocatalyst for the oxygen reduction reaction. Physical Chemistry Chemical Physics, 2010, 12, 13962.	2.8	184
4	Electrocatalytic mechanism of reversible hydrogen cycling by enzymes and distinctions between the major classes of hydrogenases. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11516-11521.	7.1	158
5	The study of electrochemically active microbial biofilms on different carbon-based anode materials in microbial fuel cells. Biosensors and Bioelectronics, 2010, 25, 2167-2171.	10.1	154
6	New understanding of the nature of OH adsorption on Pt(111) electrodes. Electrochemistry Communications, 2007, 9, 2789-2794.	4.7	136
7	Dependence of the Potential of Zero Charge of Stepped Platinum (111) Electrodes on the Oriented Step-Edge Density:Â Electrochemical Implications and Comparison with Work Function Behavior. Journal of Physical Chemistry B, 2000, 104, 597-605.	2.6	133
8	Towards the understanding of the interfacial pH scale at Pt(1 1 1) electrodes. Electrochimica Acta, 2015, 162, 138-145.	5.2	131
9	Thermodynamic Analysis of the Temperature Dependence of OH Adsorption on Pt(111) and Pt(100) Electrodes in Acidic Media in the Absence of Specific Anion Adsorption. Journal of Physical Chemistry B, 2006, 110, 11344-11351.	2.6	130
10	Potential-Dependent Water Orientation on Pt(111), Pt(100), and Pt(110), As Inferred from Laser-Pulsed Experiments. Electrostatic and Chemical Effects. Journal of Physical Chemistry C, 2009, 113, 9290-9304.	3.1	126
11	Selective Catalytic Reduction at Quasi-Perfect Pt(100) Domains: A Universal Low-Temperature Pathway from Nitrite to N₂. Journal of the American Chemical Society, 2011, 133, 10928-10939.	13.7	117
12	Effect of increasing amount of steps on the potential of zero total charge of Pt(111) electrodes. Electrochimica Acta, 1999, 45, 629-637.	5.2	111
13	Kinetics of Oxygen Reduction on an Epitaxial Film of Palladium on Pt(111)â€‚â€¡. Journal of Physical Chemistry B, 2000, 104, 3116-3120.	2.6	101
14	Formic Acid Oxidation on Shape-Controlled Pt Nanoparticles Studied by Pulsed Voltammetry. Journal of Physical Chemistry C, 2010, 114, 13802-13812.	3.1	101
15	Surface electrochemistry on an epitaxial palladium film on Pt(111): surface microstructure and hydrogen electrode kinetics. Surface Science, 2000, 465, 103-114.	1.9	98
16	Intrinsic activity and poisoning rate for HCOOH oxidation on platinum stepped surfaces. Physical Chemistry Chemical Physics, 2010, 12, 8822.	2.8	98
17	Coulostatic Potential Transients Induced by Laser Heating of a Pt(111) Single-Crystal Electrode in Aqueous Acid Solutions. Rate of Hydrogen Adsorption and Potential of Maximum Entropy. Journal of Physical Chemistry B, 2002, 106, 5988-5996.	2.6	97
18	Potential of zero total charge of platinum single crystals: A local approach to stepped surfaces vicinal to Pt(111). Russian Journal of Electrochemistry, 2006, 42, 1145-1160.	0.9	96

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19	Intrinsic Activity and Poisoning Rate for HCOOH Oxidation at Pt(100) and Vicinal Surfaces Containing Monoatomic (111) Steps. ChemPhysChem, 2009, 10, 1922-1926.	2.1	95
20	Thermodynamic studies of chloride adsorption at the Pt(111) electrode surface from 0.1 M HClO4 solution. Journal of Electroanalytical Chemistry, 2005, 576, 33-41.	3.8	94
21	Effect of the Interfacial Water Structure on the Hydrogen Evolution Reaction on Pt(111) Modified with Different Nickel Hydroxide Coverages in Alkaline Media. ACS Applied Materials & Interfaces, 2019, 11, 613-623.	8.0	94
22	Laser-Induced Potential Transients on a Au(111) Single-Crystal Electrode. Determination of the Potential of Maximum Entropy of Double-Layer Formation. Journal of Physical Chemistry B, 2002, 106, 5258-5265.	2.6	91
23	Potential of zero charge of platinum stepped surfaces: a combined approach of CO charge displacement and N2O reduction. Journal of Electroanalytical Chemistry, 2002, 532, 67-74.	3.8	85
24	On the different adsorption behavior of bismuth, sulfur, selenium and tellurium on a Pt(775) stepped surface. Electrochemistry Communications, 2000, 2, 636-640.	4.7	82
25	Evidence of Water Reorientation on Model Electrocatalytic Surfaces from Nanosecond-Laser-Pulsed Experiments. Journal of the American Chemical Society, 2008, 130, 3824-3833.	13.7	80
26	Anion adsorption on Pdâ€“Pt(111) electrodes in sulphuric acid solution. Journal of Electroanalytical Chemistry, 2001, 497, 125-138.	3.8	78
27	Thermodynamic approach to the double layer capacity of a Pt(111) electrode in perchloric acid solutions. Electrochimica Acta, 2006, 51, 3787-3793.	5.2	78
28	Microelectrode Studies of the Reaction of Superoxide with Carbon Dioxide in Dimethyl Sulfoxide. Journal of Physical Chemistry B, 2001, 105, 10659-10668.	2.6	75
29	Electrocatalysis of formic acid and CO oxidation on antimony-modified Pt(111) electrodes. Electrochimica Acta, 1998, 44, 1403-1414.	5.2	73
30	Analysis of temperature effects on hydrogen and OH adsorption on Pt(1 1 1), Pt(1 0 0) and Pt(1 1 0) by means of Gibbs thermodynamics. Journal of Electroanalytical Chemistry, 2010, 649, 69-82.	3.8	65
31	Thermodynamic analysis of (bi)sulphate adsorption on a Pt(111) electrode as a function of pH. Electrochimica Acta, 2008, 53, 6793-6806.	5.2	62
32	Nitric oxide adsorption at Pt(100) electrode surfaces. Electrochimica Acta, 1998, 44, 1077-1090.	5.2	61
33	Voltammetry and Single-Molecule in Situ Scanning Tunneling Microscopy of Laccases and Bilirubin Oxidase in Electrocatalytic Dioxygen Reduction on Au(111) Single-Crystal Electrodes. Journal of Physical Chemistry C, 2012, 116, 1232-1243.	3.1	61
34	Electrochemical reactions of catechol, methylcatechol and dopamine at tetrahedral amorphous carbon (ta-C) thin film electrodes. Diamond and Related Materials, 2015, 59, 30-39.	3.9	59
35	On the electrochemical behavior of the Pt(100) vicinal surfaces in bromide solutions. Surface Science, 2004, 560, 269-284.	1.9	58
36	Effect of pH and Alkaline Metal Cations on the Voltammetry of Pt(111) Single Crystal Electrodes in Sulfuric Acid Solution. ChemPhysChem, 2004, 5, 1221-1227.	2.1	58

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37	On the global and local values of the potential of zero total charge at well-defined platinum surfaces: stepped and adatom modified surfaces. Journal of Electroanalytical Chemistry, 2004, 568, 329-342.	3.8	58
38	Elucidation of the Chemical Nature of Adsorbed Species for Pt(111) in H₂SO₄ Solutions by Thermodynamic Analysis. Langmuir, 2010, 26, 12408-12417.	3.5	57
39	On the behavior of the Pt(100) and vicinal surfaces in alkaline media. Electrochimica Acta, 2011, 58, 184-192.	5.2	55
40	The role of the surface structure in the oxidation mechanism of methanol. Journal of Electroanalytical Chemistry, 2011, 662, 43-51.	3.8	54
41	Thermodynamic studies of bromide adsorption at the Pt(111) electrode surface perchloric acid solutions: Comparison with other anions. Journal of Electroanalytical Chemistry, 2006, 591, 149-158.	3.8	52
42	Potential-dependent water orientation on Pt(111) stepped surfaces from laser-pulsed experiments. Electrochimica Acta, 2009, 54, 966-977.	5.2	52
43	Effect of Temperature on the Catalytic Ability of Electrochemically Active Biofilm as Anode Catalyst in Microbial Fuel Cells. Electroanalysis, 2011, 23, 387-394.	2.9	51
44	Nitrate reduction on Pt(111) surfaces modified by Bi adatoms. Electrochemistry Communications, 2009, 11, 1760-1763.	4.7	50
45	Nitrate reduction at Pt(100) single crystals and preferentially oriented nanoparticles in neutral media. Catalysis Today, 2013, 202, 2-11.	4.4	50
46	Study of the Pt (111) | electrolyte interface in the region close to neutral pH solutions by the laser induced temperature jump technique. Electrochimica Acta, 2017, 228, 667-676.	5.2	49
47	Exploring the interfacial neutral pH region of Pt(111) electrodes. Electrochemistry Communications, 2015, 58, 62-64.	4.7	48
48	Potential of zero total charge of palladium modified Pt(111) electrodes in perchloric acid solutions. Physical Chemistry Chemical Physics, 2001, 3, 3269-3276.	2.8	47
49	Thermodynamic studies of phosphate adsorption on Pt(111) electrode surfaces in perchloric acid solutions. Electrochimica Acta, 2009, 54, 5836-5843.	5.2	47
50	Urea adsorption on Pt(111) electrodes. Journal of Electroanalytical Chemistry, 1999, 461, 65-75.	3.8	46
51	Quantitative SNIFTIRS studies of (bi)sulfate adsorption at the Pt(111) electrode surface. Physical Chemistry Chemical Physics, 2010, 12, 15231.	2.8	46
52	Effect of Deposited Bismuth on the Potential of Maximum Entropy of Pt(111) Single-Crystal Electrodes. Journal of Physical Chemistry B, 2006, 110, 21092-21100.	2.6	45
53	Specific reactivity of step sites towards CO adsorption and oxidation on platinum single crystals vicinal to Pt(111). Physical Chemistry Chemical Physics, 2010, 12, 11407.	2.8	45
54	Determination of the Gibbs excess of H adsorbed at a Pt(111) electrode surface in the presence of co-adsorbed chloride. Journal of Electroanalytical Chemistry, 2005, 582, 76-84.	3.8	44

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55	Nitrate reduction on Pt single crystals with Pd multilayer. Electrochimica Acta, 2009, 54, 2094-2101.	5.2	43
56	Electrochemistry at Platinum Single Crystal Electrodes. Electroanalytical Chemistry, A Series of Advances, 2011, , 75-170.	1.7	43
57	On the Electrochemical and in-Situ Fourier Transform Infrared Spectroscopy Characterization of Urea Adlayers at Pt(100) Electrodes. Langmuir, 1997, 13, 2380-2389.	3.5	42
58	Active centers for Cu UPDâ€“OPD in acid sulfate solution on Pt(111) electrodes. Electrochimica Acta, 2001, 46, 3137-3145.	5.2	39
59	Coulostatic potential transients induced by laser heating of platinum stepped electrodes: influence of steps on the entropy of double layer formation. Journal of Electroanalytical Chemistry, 2004, 561, 157-165.	3.8	39
60	Peroxodisulfate reduction as a probe to interfacial charge. Electrochemistry Communications, 2018, 88, 43-46.	4.7	39
61	Electrochemical deposition of copper on stepped platinum surfaces in the [01] zone vicinal to the (100) plane. Journal of Electroanalytical Chemistry, 2008, 624, 228-240.	3.8	38
62	On the pH Dependence of the Potential of Maximum Entropy of Ir(111) Electrodes. Scientific Reports, 2017, 7, 1246.	3.3	37
63	Investigating the presence of adsorbed species on Pt steps at low potentials. Nature Communications, 2022, 13, 2550.	12.8	37
64	Influence of alkali cations on the infrared spectra of adsorbed (bi)sulphate on Pt(111) electrodes. Electrochemistry Communications, 2006, 8, 1577-1582.	4.7	34
65	Laser Induced Current Transients Applied to a Au(111) Single Crystal Electrode. A General Method for the Measurement of Potentials of Zero Charge of Solid Electrodes. Journal of Physical Chemistry B, 2001, 105, 10669-10673.	2.6	33
66	Surface Acidâ€“Base Properties of Anion-Adsorbed Species at Pt(111) Electrode Surfaces in Contact with CO₂-Containing Perchloric Acid Solutions. Journal of Physical Chemistry C, 2016, 120, 16191-16199.	3.1	31
67	Voltammetric characterization of stepped platinum single crystal surfaces vicinal to the (110) pole. Electrochemistry Communications, 2009, 11, 1515-1518.	4.7	30
68	Evidence of Local pH Changes during Ethanol Oxidation at Pt Electrodes in Alkaline Media. ChemElectroChem, 2015, 2, 1254-1258.	3.4	30
69	Copper underpotential deposition at gold surfaces in contact with a deep eutectic solvent: New insights. Electrochemistry Communications, 2017, 78, 51-55.	4.7	30
70	Study of dopamine reactivity on platinum single crystal electrode surfaces. Electrochimica Acta, 2013, 109, 577-586.	5.2	28
71	New probes to surface free charge at electrochemical interfaces with platinum electrodes. Current Opinion in Electrochemistry, 2019, 14, 16-22.	4.8	28
72	Determination of different local potentials of zero charge of a Pdâ€“Au(111) heterogeneous surface. Electrochemistry Communications, 2000, 2, 427-430.	4.7	27

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73	Urea Adsorption on Platinum Single Crystal Stepped Surfaces. Langmuir, 2001, 17, 8260-8269.	3.5	27
74	Study of the interface Pt(111)/ [Emmim][NTf2] using laser-induced temperature jump experiments. Electrochemistry Communications, 2015, 55, 39-42.	4.7	27
75	Investigating interfacial parameters with platinum single crystal electrodes. Russian Journal of Electrochemistry, 2017, 53, 227-236.	0.9	27
76	Characterization of the interfaces between Au(hkl) single crystal basal plane electrodes and [Emmim][Tf 2 N] ionic liquid. Electrochemistry Communications, 2016, 62, 44-47.	4.7	25
77	Peroxodisulphate reduction as a novel probe for the study of platinum single crystal/solution interphases. Journal of Electroanalytical Chemistry, 2008, 612, 269-276.	3.8	24
78	Thermodynamic evidence for K+â€“SO42â^' ion pair formation on Pt(111). New insight into cation specific adsorption. Physical Chemistry Chemical Physics, 2010, 12, 12146.	2.8	24
79	Elucidating the Structure of the Cu-Alkaline Electrochemical Interface with the Laser-Induced Temperature Jump Method. Journal of Physical Chemistry C, 2020, 124, 23253-23259.	3.1	24
80	Separation of Temperature Effects on Double-Layer and Charge-Transfer Processes for Platinum | Solution Interphases. Entropy of Formation of the Double Layer and Absolute Molar Entropy of Adsorbed Hydrogen and OH on Pt(111). Journal of Physical Chemistry C, 2009, 113, 19913-19925.	3.1	23
81	Nitrite Reduction on Bismuth Modified Pt(111) Surfaces in Different Electrolytic Media. Electrocatalysis, 2011, 2, 255-262.	3.0	22
82	Determination of the entropy of formation of the Pt(111)â^£ perchloric acid solution interface. Estimation of the entropy of adsorbed hydrogen and OH species. Journal of Solid State Electrochemistry, 2008, 12, 387-398.	2.5	21
83	The hanging meniscus contact: geometry induced diffusional overpotential. The reduction of oxygen in dimethylsulphoxide at Au(111). Journal of Electroanalytical Chemistry, 2001, 513, 8-15.	3.8	20
84	Understandings on the Inhibition of Oxygen Reduction Reaction by Bromide Adsorption on Pt(111) Electrodes at Different pH Values. Journal of the Electrochemical Society, 2018, 165, J3045-J3051.	2.9	20
85	Comprehensive Study of the Enzymatic Catalysis of the Electrochemical Oxygen Reduction Reaction (ORR) by Immobilized Copper Efflux Oxidase (CueO) From Escherichia coli. Frontiers in Chemistry, 2018, 6, 358.	3.6	20
86	Interfacial Water Structure as a Descriptor for Its Electro-Reduction on Ni(OH)₂-Modified Cu(111). ACS Catalysis, 2021, 11, 10324-10332.	11.2	20
87	Surface structure and relaxation during the oxidation of carbon monoxide on Ptâ€“Pd bimetallic surfaces. Surface Science, 2001, 479, 241-246.	1.9	19
88	Specific and Reversible Immobilization of Proteins Tagged to the Affinity Polypeptide C-LytA on Functionalized Graphite Electrodes. PLoS ONE, 2014, 9, e87995.	2.5	19
89	Urea Adsorption at Rhodium Single-Crystal Electrodes. Langmuir, 2000, 16, 10376-10384.	3.5	18
90	Mechanistic changes observed in heavy water for nitrate reduction reaction on palladium-modified Pt(hkl) electrodes. Chemical Science, 2012, 3, 3063.	7.4	18

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91	Positive shift of the potential of zero total charge of stepped Pt(111) electrodes decorated by irreversibly adsorbed bismuth. Electrochemistry Communications, 2001, 3, 590-594.	4.7	17
92	Probing the Electrocatalytic Oxygen Reduction Reaction Reactivity of Immobilized Multicopper Oxidase CueO. Journal of Physical Chemistry C, 2014, 118, 15754-15765.	3.1	17
93	Bromide Adsorption on Pt(111) over a Wide Range of pH: Cyclic Voltammetry and CO Displacement Experiments. Journal of Physical Chemistry C, 2018, 122, 18562-18569.	3.1	17
94	Investigating the M(hkl)| ionic liquid interface by using laser induced temperature jump technique. Electrochimica Acta, 2019, 311, 30-40.	5.2	17
95	Single Crystal Electrochemistry as an In Situ Analytical Characterization Tool. Annual Review of Analytical Chemistry, 2020, 13, 201-222.	5.4	17
96	Hydrolysis of the 4-cyanopyridine on a Au(111) electrode studied by vibrational spectroscopies. Electrochimica Acta, 2001, 46, 4319-4329.	5.2	16
97	Reduction of CO2 on bismuth modified Pt(110) single-crystal surfaces. Effect of bismuth and poisoning intermediates on the rate of hydrogen evolution. Electrochimica Acta, 2011, 56, 4451-4456.	5.2	16
98	Electrochemical features of Pt(S)[n(110)Ã—(100)] surfaces in acidic media. Electrochemistry Communications, 2013, 34, 291-294.	4.7	16
99	Role of the interfacial water structure on electrocatalysis: Oxygen reduction on Pt(1 1 1) in methanesulfonic acid. Catalysis Today, 2016, 262, 95-99.	4.4	16
100	Underpotential deposition of Nickel on platinum single crystal electrodes. Journal of Electroanalytical Chemistry, 2018, 819, 391-400.	3.8	16
101	Analysis of catechol, 4-methylcatechol and dopamine electrochemical reactions on different substrate materials and pH conditions. Electrochimica Acta, 2018, 292, 309-321.	5.2	16
102	New insights into the Pt(hkl)-alkaline solution interphases from the laser induced temperature jump method. Journal of Electroanalytical Chemistry, 2020, 872, 114068.	3.8	15
103	Crystallographic orientation and electrode nature are key factors for electric current generation by Geobacter sulfurreducens. Bioelectrochemistry, 2014, 98, 11-19.	4.6	14
104	The electrochemistry of nitrogen-containing compounds at platinum single crystal electrodes: Part 2. Semicarbazide on Pt(100) electrodes. Journal of Electroanalytical Chemistry, 1997, 436, 245-255.	3.8	13
105	Kinetic study of CO oxidation on step decorated Pt(111) vicinal single crystal electrodes. Electrochimica Acta, 2011, 56, 5993-6000.	5.2	13
106	Temperature effects on platinum single-crystal electrodes. Russian Journal of Electrochemistry, 2012, 48, 271-280.	0.9	13
107	Real-time monitoring of electrochemically active biofilm developing behavior on bioanode by using EQCM and ATR/FTIR. Sensors and Actuators B: Chemical, 2015, 209, 781-789.	7.8	13
108	Activation Energy of Hydrogen Adsorption on Pt(111) in Alkaline Media: An Impedance Spectroscopy Study at Variable Temperatures. ACS Applied Materials & Interfaces, 2020, 12, 42911-42917.	8.0	13

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109	Pt-grown carbon nanofibers for detection of hydrogen peroxide. RSC Advances, 2018, 8, 12742-12751.	3.6	12
110	Energy and economic advantages of simultaneous hydrogen and biogas production in microbial electrolysis cells as a function of the applied voltage and biomass content. Sustainable Energy and Fuels, 2021, 5, 2003-2017.	4.9	12
111	The electrochemistry of nitrogen-containing compounds at platinum single crystal electrodes. Journal of Electroanalytical Chemistry, 1999, 467, 20-29.	3.8	11
112	Clues for the Molecular-Level Understanding of Electrocatalysis on Single-Crystal Platinum Surfaces Modified byp-Block Adatoms. , 0, , 209-244.		11
113	Interaction of water with methanesulfonic acid on Pt single crystal electrodes. Electrochemistry Communications, 2015, 50, 47-50.	4.7	11
114	Investigation of the interfacial properties of platinum stepped surfaces using peroxodisulfate reduction as a local probe. Electrochimica Acta, 2019, 307, 553-563.	5.2	11
115	Model System for the Study of 2D Phase Transitions and Supramolecular Interactions at Electrified Interfaces:â€‰ Hydrogen-Assisted Reductive Desorption of Catechol-Derived Adlayers from Pt(111) Single-Crystal Electrodes. Langmuir, 2008, 24, 3551-3561.	3.5	10
116	Electrochemical properties of palladium adlayers on Pt(110) substrates. Journal of Electroanalytical Chemistry, 2011, 660, 276-284.	3.8	10
117	Enhanced electrochemical reversibility of ultrathin aniline oligomer films grown on Pt(111). Electrochemistry Communications, 2011, 13, 1304-1308.	4.7	10
118	Amorphous carbon thin film electrodes with intrinsic Pt-gradient for hydrogen peroxide detection. Electrochimica Acta, 2017, 251, 60-70.	5.2	10
119	Formation of atomic-sized contacts controlled by electrochemical methods. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 1677-1685.	1.8	9
120	Use of CO as a Cleaning Tool of Highly Active Surfaces in Contact with Ionic Liquids: Ni Deposition on Pt(111) Surfaces in IL. ACS Applied Energy Materials, 2018, 1, 4617-4625.	5.1	8
121	Interfacial Study of Nickelâ€Modified Pt(111) Surfaces in Phosphateâ€Containing Solutions: Effect on the Hydrogen Evolution Reaction. ChemPhysChem, 2019, 20, 3056-3066.	2.1	8
122	1 Temperature Effects on Platinum Single-Crystal/Aqueous Solution Interphases. Combining Gibbs Thermodynamics with Laser-Pulsed Experiments. Modern Aspects of Electrochemistry, 2011, , 1-105.	0.2	7
123	Effect of surface structure of platinum single crystal electrodes on the electrochemical reduction of CO2 in methanol-water mixtures. Journal of Electroanalytical Chemistry, 2017, 793, 157-163.	3.8	7
124	Nitrate Reduction on Platinum (111) Surfaces Modifiedl with Bi: Single Crystalsl and Nanoparticles. Zeitschrift Fur Physikalische Chemie, 2012, 226, 901-917.	2.8	6
125	Cation Effects on Interfacial Water Structure and Hydrogen Peroxide Reduction on Pt(111). ACS Measurement Science Au, 2021, 1, 48-55.	4.4	6
126	On the behavior of CTAB/CTAOH adlayers on gold single crystal surfaces. Electrochimica Acta, 2021, 391, 138947.	5.2	6

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127	Reactivity of Pt(h,k,l) surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 134, 133-143.	4.7	5
128	NO adsorption on Pt (111)/Bi surfaces. Electrochemistry Communications, 2013, 34, 37-40.	4.7	5
129	Peroxodisulfate reduction on platinum stepped surfaces vicinal to the (110) and (100) poles. Journal of Electroanalytical Chemistry, 2019, 847, 113226.	3.8	5
130	Electrochemical Properties of Pd/Pt(111) Adlayers. , 2002, , 37-52.		5
131	Ionic Liquids in the Field of Metal Electrodeposition. , 2018, , 690-700.		4
132	Cu(111) single crystal electrodes: Modifying interfacial properties to tailor electrocatalysis. Electrochimica Acta, 2021, 396, 139222.	5.2	4
133	Surface excesses at very low concentrations from extrapolation of thermodynamic data: A way to explore beyond practical limits from reliable experimental data. Journal of Electroanalytical Chemistry, 2010, 649, 119-125.	3.8	3
134	On the thermodynamics of hydrogen adsorption over Pt(111) in 0.05M NaOH. Journal of Chemical Physics, 2021, 155, 244704.	3.0	3
135	Adsorption and first stages of polymerization of aniline on platinum single crystal electrodes. Synthetic Metals, 2014, 196, 61-67.	3.9	2
136	Surface charge and interfacial acid-base properties: pKa,2 of carbon dioxide at Pt(110)/perchloric acid solution interfaces.. Electrochimica Acta, 2021, 388, 138639.	5.2	2
137	Size-Dependent and Step-Modulated Supramolecular Electrochemical Properties of Catechol-Derived Adlayers at Pt(hkl) Surfaces. Langmuir, 2013, 29, 13102-13110.	3.5	1
138	Editorial: Surface Electrochemistry. Current Opinion in Electrochemistry, 2017, 1, A5-A7.	4.8	0
139	Electrochemical Behavior of Single Crystal Electrodes on Model Processes. Springer Handbooks, 2020, , 1117-1158.	0.6	0