

# Peter G Pickup

## List of Publications by Year in descending order

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139  
papers

6,094  
citations

70961

41  
h-index

76769

74  
g-index

140  
all docs

140  
docs citations

140  
times ranked

5833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in direct formic acid fuel cells (DFAFC). <i>Journal of Power Sources</i> , 2008, 182, 124-132.	4.0	1,006
2	Ionic Conductivity of PEMFC Electrodes. <i>Journal of the Electrochemical Society</i> , 2003, 150, C745.	1.3	239
3	Ion transport in polypyrrole and a polypyrrole/polyanion composite. <i>The Journal of Physical Chemistry</i> , 1993, 97, 5356-5362.	2.9	194
4	Conjugated metallopolymer. Redox polymers with interacting metal based redox sites. <i>Journal of Materials Chemistry</i> , 1999, 9, 1641-1653.	6.7	150
5	An asymmetric anthraquinone-modified carbon/ruthenium oxide supercapacitor. <i>Journal of Power Sources</i> , 2009, 187, 640-643.	4.0	145
6	Chemical Synthesis, Characterization, and Electrochemical Studies of Poly(3,4-ethylenedioxythiophene)/Poly(styrene-4-sulfonate) Composites. <i>Chemistry of Materials</i> , 1999, 11, 262-268.	3.2	142
7	Anthraquinone modified carbon fabric supercapacitors with improved energy and power densities. <i>Journal of Power Sources</i> , 2008, 181, 182-185.	4.0	127
8	An asymmetric supercapacitor with anthraquinone and dihydroxybenzene modified carbon fabric electrodes. <i>Electrochemistry Communications</i> , 2011, 13, 147-149.	2.3	120
9	In situ measurement of the conductivity of polypyrrole and poly[1-methyl-3-(pyrrol-1-ylmethyl)pyridinium] <sup>+</sup> as a function of potential by mediated voltammetry. Redox conduction or electronic conduction?. <i>Journal of the American Chemical Society</i> , 1990, 112, 1776-1782.	6.6	112
10	Mechanistic study of the deactivation of carbon supported Pd during formic acid oxidation. <i>Electrochemistry Communications</i> , 2009, 11, 2012-2014.	2.3	101
11	Measurement of single electrode potentials and impedances in hydrogen and direct methanol PEM fuel cells. <i>Electrochimica Acta</i> , 2004, 49, 4119-4126.	2.6	99
12	An electrochemical impedance spectroscopy study of fuel cell electrodes. <i>Electrochimica Acta</i> , 2005, 50, 2469-2474.	2.6	99
13	Dynamic Electrochemistry: A Methodology and Application. <i>Analytical Chemistry</i> , 1996, 68, 379-444.	3.2	94
14	Modification of carbon supported catalysts to improve performance in gas diffusion electrodes. <i>Electrochimica Acta</i> , 2001, 46, 2863-2869.	2.6	90
15	Ru oxide supercapacitors with high loadings and high power and energy densities. <i>Journal of Power Sources</i> , 2008, 176, 410-416.	4.0	87
16	Coupling of ion and electron transport during impedance measurements on a conducting polymer with similar ionic and electronic conductivities. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 321.	1.7	85
17	Alternating current impedance study of a polypyrrole-based anion-exchange polymer. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 3631.	1.7	84
18	Deactivation/reactivation of a Pd/C catalyst in a direct formic acid fuel cell (DFAFC): Use of array membrane electrode assemblies. <i>Journal of Power Sources</i> , 2009, 187, 493-499.	4.0	83

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19	Electrochemically Induced Substitution of Polythiophenes and Polypyrrole. <i>Chemistry of Materials</i> , 1996, 8, 701-707.	3.2	78
20	A Donor-Acceptor Conducting Copolymer with a Very Low Band Gap and High Intrinsic Conductivity. <i>Chemistry of Materials</i> , 1998, 10, 2212-2216.	3.2	77
21	Enhanced ionic conductivity of polypyrrole due to incorporation of excess electrolyte during potential cycling. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 1417.	1.7	73
22	Ion transport in poly(3,4-ethylenedioxythiophene)-poly(styrene-4-sulfonate) composites. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 1255-1260.	1.3	73
23	Electronically Conducting Proton Exchange Polymers as Catalyst Supports for Proton Exchange Membrane Fuel Cells. <i>Electrocatalysis of Oxygen Reduction, Hydrogen Oxidation, and Methanol Oxidation. Journal of the Electrochemical Society</i> , 1999, 146, 2054-2058.	1.3	72
24	Ionic and Electronic Conductivity of Poly(3-methylpyrrole-co-carboxylic Acid). <i>Journal of the Electrochemical Society</i> , 1992, 139, 2097-2105.	1.3	71
25	Analysis of performance losses of direct ethanol fuel cells with the aid of a reference electrode. <i>Journal of Power Sources</i> , 2006, 161, 256-263.	4.0	70
26	The promoting effect of Pb on carbon supported Pt and Pt/Ru catalysts for electro-oxidation of ethanol. <i>Electrochimica Acta</i> , 2006, 52, 1033-1037.	2.6	67
27	Characteristics of Polypyrrole/Nafion Composite Membranes in a Direct Methanol Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2003, 150, C735.	1.3	63
28	The Influence of the Aqueous Growth Medium on the Growth Rate, Composition, and Structure of Hydrated Iridium Oxide Films. <i>Journal of the Electrochemical Society</i> , 1988, 135, 126-133.	1.3	62
29	Characterization of polymer supported catalysts by cyclic voltammetry and rotating disk voltammetry. <i>Electrochimica Acta</i> , 2000, 46, 119-125.	2.6	61
30	Conducting Copolymers of Pyridine with Thiophene, N-Methylpyrrole, and Selenophene. <i>Chemistry of Materials</i> , 1996, 8, 2444-2450.	3.2	60
31	Impedance measurements of ionic conductivity as a probe of structure in electrochemically deposited polypyrrole films. <i>Journal of Electroanalytical Chemistry</i> , 1995, 396, 359-364.	1.9	59
32	Ru oxide/carbon nanotube composites for supercapacitors prepared by spontaneous reduction of Ru(VI) and Ru(VII). <i>Electrochimica Acta</i> , 2009, 54, 7141-7147.	2.6	59
33	Novel Pd-Pb/C bimetallic catalysts for direct formic acid fuel cells. <i>Journal of Power Sources</i> , 2009, 192, 279-284.	4.0	59
34	Size Control of Polypyrrole Particles. <i>Chemistry of Materials</i> , 1997, 9, 2934-2939.	3.2	57
35	Effects of crossover on product yields measured for direct ethanol fuel cells. <i>Electrochimica Acta</i> , 2010, 55, 3824-3829.	2.6	57
36	Pb and Sb modified Pt/C catalysts for direct formic acid fuel cells. <i>Electrochimica Acta</i> , 2010, 55, 7354-7361.	2.6	52

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37	Decoration of carbon-supported Pt catalysts with Sn to promote electro-oxidation of ethanol. <i>Journal of Power Sources</i> , 2007, 173, 121-129.	4.0	51
38	Simulation and analysis of the impedance behaviour of electroactive layers with non-uniform conductivity and capacitance profiles. <i>Electrochimica Acta</i> , 2001, 46, 4177-4183.	2.6	46
39	Chemical Modification of Proton Exchange Membrane Fuel Cell Catalysts with a Sulfonated Silane. <i>Electrochemical and Solid-State Letters</i> , 2001, 4, A59.	2.2	45
40	The origin of the discrepancy between the low frequency AC capacitances and voltammetric capacitances of conducting polymers. <i>Journal of Electroanalytical Chemistry</i> , 1994, 372, 289-291.	1.9	43
41	Voltammetric quantification of the spontaneous chemical modification of carbon black by diazonium coupling. <i>Electrochimica Acta</i> , 2009, 54, 2305-2311.	2.6	43
42	Metal-Metal Interactions in a Novel Hybrid Metallopolymer. <i>Journal of the American Chemical Society</i> , 1999, 121, 11773-11779.	6.6	42
43	Impedance spectroscopy of polypyrrole/poly(styrenesulphonate) composites. Simultaneous anion and cation transport. <i>Electrochimica Acta</i> , 1996, 41, 1877-1882.	2.6	41
44	Optimisation of polypyrrole/Nafion composite membranes for direct methanol fuel cells. <i>Electrochimica Acta</i> , 2006, 51, 4052-4060.	2.6	41
45	Ion transport in pyrrole-based polymer films. <i>Faraday Discussions of the Chemical Society</i> , 1989, 88, 165.	2.2	40
46	Ion Transport in a Chemically Prepared Polypyrrole/Poly(styrene-4-sulfonate) Composite. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10143-10148.	1.2	39
47	Mo oxide modified catalysts for direct methanol, formaldehyde and formic acid fuel cells. <i>Journal of Applied Electrochemistry</i> , 2006, 36, 339-345.	1.5	36
48	Carbon supported PtBi catalysts for direct formic acid fuel cells. <i>Electrochimica Acta</i> , 2011, 56, 4037-4043.	2.6	36
49	Permselectivity of polypyrrole in acetonitrile. <i>The Journal of Physical Chemistry</i> , 1991, 95, 9634-9635.	2.9	35
50	X-ray emission analysis of thin poly(3-methylthiophene) and poly{(3-methylthiophene)-co-[1-methyl-3-(pyrrol-1-ylmethyl)pyridinium]} films. Composition, oxidation level, and overoxidation. <i>Analytical Chemistry</i> , 1993, 65, 696-703.	3.2	35
51	Bithiophene-bithiazole copolymers and their metal complexes. <i>Journal of Materials Chemistry</i> , 2001, 11, 1357-1363.	6.7	35
52	Electrocatalysis of CO <sub>2</sub> reduction by ruthenium benzothiazole and bithiazole complexes. <i>Electrochemistry Communications</i> , 2007, 9, 2525-2528.	2.3	35
53	Electron Transport in a Conjugated Metallopolymer Containing Binuclear Osmium Centers with Strong Electronic Communication. <i>Journal of the American Chemical Society</i> , 1999, 121, 7710-7711.	6.6	34
54	Pt and PtRu catalyst bilayers increase efficiencies for ethanol oxidation in proton exchange membrane electrolysis and fuel cells. <i>Journal of Power Sources</i> , 2017, 366, 27-32.	4.0	34

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55	Electron Transport in Ru and Os Polybenzimidazole-Based Metallopolymers. <i>Journal of Physical Chemistry B</i> , 2001, 105, 8838-8844.	1.2	33
56	Product Distributions and Efficiencies for Ethanol Oxidation in a Proton Exchange Membrane Electrolysis Cell. <i>Journal of the Electrochemical Society</i> , 2017, 164, F861-F865.	1.3	33
57	A low band gap conjugated metallopolymer with nickel bis(dithiolene) crosslinks. <i>Chemical Communications</i> , 2001, , 815-816.	2.2	32
58	Deactivation resistant PdSb/C catalysts for direct formic acid fuel cells. <i>Electrochemistry Communications</i> , 2010, 12, 800-803.	2.3	32
59	Product distributions and efficiencies for ethanol oxidation at PtNi octahedra. <i>Journal of Power Sources</i> , 2018, 400, 369-376.	4.0	31
60	Support effects on the oxidation of ethanol at Pt nanoparticles. <i>Electrochimica Acta</i> , 2012, 65, 210-215.	2.6	30
61	Thiophene-substituted nickel dithiolene complexes. Precursors for low band gap conjugated metallopolymers. <i>Journal of Materials Chemistry</i> , 2002, 12, 2949-2956.	6.7	28
62	Partitioning and Polymerization of Pyrrole into Perfluorosulfonic Acid (Nafion) Membranes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2480-2484.	1.2	28
63	Determination of the efficiency of ethanol oxidation in a proton exchange membrane electrolysis cell. <i>Journal of Power Sources</i> , 2017, 351, 106-114.	4.0	28
64	Impedance of polypyrrole perchlorate/polypyrrole poly(styrenesulfonate) bilayers. <i>The Journal of Physical Chemistry</i> , 1993, 97, 3941-3943.	2.9	27
65	Partitioning and Polymerization of Pyrrole into Perfluorosulfonate (Nafion) Membranes under Neutral Conditions. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8412-8415.	1.2	27
66	Online analysis of carbon dioxide from a direct ethanol fuel cell. <i>Journal of Power Sources</i> , 2009, 194, 286-290.	4.0	27
67	Support effects on the oxidation of methanol at platinum nanoparticles. <i>Electrochemistry Communications</i> , 2011, 13, 704-706.	2.3	26
68	Novel electroactive surface functionality from the coupling of an aryl diamine to carbon black. <i>Electrochemistry Communications</i> , 2009, 11, 10-13.	2.3	25
69	Online analysis of products from a direct ethanol fuel cell. <i>Electrochemistry Communications</i> , 2009, 11, 1877-1880.	2.3	25
70	Electrochemistry and electron transport properties of copolymers of electron deficient fluorenes with thiophene. <i>Electrochimica Acta</i> , 2007, 52, 4685-4690.	2.6	24
71	Continuous monitoring of CO <sub>2</sub> yields from electrochemical oxidation of ethanol: Catalyst, current density and temperature effects. <i>Journal of Power Sources</i> , 2008, 177, 71-76.	4.0	24
72	Efficient electrochemical oxidation of ethanol to carbon dioxide in a fuel cell at ambient temperature. <i>Journal of Power Sources</i> , 2008, 179, 280-285.	4.0	24

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73	Codeposited PtSb/C catalysts for direct formic acid fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 7951-7956.	4.0	24
74	Charge trapping in poly(1-amino-anthraquinone) films. <i>Electrochimica Acta</i> , 2013, 93, 87-92.	2.6	24
75	Determination of the efficiency of methanol oxidation in a direct methanol fuel cell. <i>Electrochimica Acta</i> , 2016, 199, 210-217.	2.6	24
76	Evaluation of ethanol oxidation catalysts by rotating disc voltammetry. <i>Electrochimica Acta</i> , 2016, 215, 84-92.	2.6	23
77	Nitrogen-rich polymers for the electrocatalytic reduction of CO <sub>2</sub> . <i>Electrochemistry Communications</i> , 2010, 12, 1749-1751.	2.3	22
78	Electrochemical impedance study of the polymerization of pyrrole on high surface area carbon electrodes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4733.	1.3	22
79	Screening of PdM and PtM catalysts in a multi-anode direct formic acid fuel cell. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 589-597.	1.5	21
80	PdBi/C and PtPb/C Bimetallic Catalysts for Direct Formic Acid Fuel Cells. <i>International Journal of Green Energy</i> , 2009, 6, 571-582.	2.1	20
81	Ru oxide/carbon fabric composites for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 231-240.	1.2	20
82	Formic acid oxidation at spontaneously deposited palladium on polyaniline modified carbon fibre paper. <i>Electrochimica Acta</i> , 2011, 56, 7666-7672.	2.6	20
83	Dependence of Electrode Overpotentials in PEM Fuel Cells on the Placement of the Reference Electrode. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, A249.	2.2	19
84	Carbon Fabric Supported Manganese and Ruthenium Oxide Thin Films for Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2011, 158, A241.	1.3	19
85	Controlling the morphology of electrochemically deposited poly(3-methylthiophene) films by electrode rotation. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 3097.	1.7	17
86	Influence of Electrode Rotation on the Growth and Impedance of a Low Band Gap Conducting Polymer. <i>Langmuir</i> , 2006, 22, 10612-10618.	1.6	17
87	Formic Acid Oxidation at Ru@Pt Core-Shell Nanoparticles. <i>Electrocatalysis</i> , 2016, 7, 477-485.	1.5	17
88	Carbon monoxide and formic acid oxidation at Rh@Pt nanoparticles. <i>Electrochimica Acta</i> , 2019, 302, 234-240.	2.6	17
89	Kinetics and Stoichiometry of Methanol and Ethanol Oxidation in Multi-Anode Proton Exchange Membrane Cells. <i>Journal of the Electrochemical Society</i> , 2017, 164, F1172-F1178.	1.3	16
90	Measurement of carbon dioxide yields for ethanol oxidation by operation of a direct ethanol fuel cell in crossover mode. <i>Electrochimica Acta</i> , 2012, 78, 274-278.	2.6	15

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91	Oxidation of formic acid at polycarbazole-supported Pt nanoparticles. <i>Electrochimica Acta</i> , 2013, 97, 326-332.	2.6	15
92	Electrochemistry of fluoren-9-one based conjugated copolymers. <i>Electrochimica Acta</i> , 2006, 52, 15-23.	2.6	14
93	Evaluation of methanol oxidation catalysts by rotating disc voltammetry. <i>Electrochimica Acta</i> , 2016, 199, 12-17.	2.6	13
94	Electron transport in conjugated metallopolymer. <i>Macromolecular Symposia</i> , 2003, 196, 165-171.	0.4	12
95	Ion exchange and ion transport properties of sulfonated organically modified silica hydrogels. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 742.	1.2	12
96	Determination of the average number of electrons released during the oxidation of ethanol in a direct ethanol fuel cell. <i>Electrochimica Acta</i> , 2015, 182, 856-860.	2.6	12
97	Improvement of bark pyrolysis oil and value added chemical recovery by pervaporation. <i>Fuel Processing Technology</i> , 2020, 199, 106292.	3.7	12
98	Electrochemical Oxidation of Methanol and Ethanol at Rh@Pt and Ru@Pt Catalysts. <i>Journal of the Electrochemical Society</i> , 2020, 167, 106507.	1.3	12
99	Anion and cation transport in composite films of polypyrrole with a sulphonated silica (ormosil) hydrogel. <i>Electrochimica Acta</i> , 2007, 52, 6275-6281.	2.6	11
100	The Effects of Conducting Polymers on Formic Acid Oxidation at Pt Nanoparticles. <i>Electrochimica Acta</i> , 2015, 162, 230-236.	2.6	11
101	Ruthenium-Tin Oxide/Carbon Supported Platinum Catalysts for Electrochemical Oxidation of Ethanol in Direct Ethanol Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2018, 165, F215-F219.	1.3	11
102	Composition Dependence of Ethanol Oxidation at Ruthenium-Tin Oxide/Carbon Supported Platinum Catalysts. <i>Journal of the Electrochemical Society</i> , 2018, 165, J3019-J3025.	1.3	11
103	Pt/Ru-Sn Oxide/Carbon Catalysts for Ethanol Oxidation. <i>Journal of the Electrochemical Society</i> , 2020, 167, 054518.	1.3	11
104	Oxygen-Modified Poly(4-dicyanomethylene-4H-cyclopenta[2,1-b;3,4-b <sup>∞</sup> ]dithiophene): A Tunable Low Band Gap Polymer. <i>Chemistry of Materials</i> , 1999, 11, 1541-1545.	3.2	10
105	Support Effects on the Oxidation of Formic Acid at Pd Nanoparticles. <i>Electrocatalysis</i> , 2011, 2, 159-162.	1.5	10
106	Recent Advances in Electrocatalysis of Formic Acid Oxidation. <i>Lecture Notes in Energy</i> , 2013, , 69-87.	0.2	10
107	Influences of aniline, carbazole, indole, and pyrrole monomers and polymers on formic acid oxidation at Pt electrodes. <i>Electrochimica Acta</i> , 2013, 107, 225-230.	2.6	10
108	Performance and low temperature behaviour of hydrous ruthenium oxide supercapacitors with improved power densities. <i>Energy and Environmental Science</i> , 2008, , .	15.6	8

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109	Mechanistic studies of formic acid oxidation at polycarbazole supported Pt nanoparticles. <i>Electrochimica Acta</i> , 2013, 111, 823-829.	2.6	8
110	Improving carbon dioxide yields and cell efficiencies for ethanol oxidation by potential scanning. <i>Journal of Power Sources</i> , 2014, 269, 173-179.	4.0	8
111	Ion-polymer interactions in polypyrrole films. <i>Canadian Journal of Chemistry</i> , 1997, 75, 1518-1522.	0.6	6
112	An electrochemical impedance study of thin polycarbazole films. <i>Electrochimica Acta</i> , 2014, 130, 577-582.	2.6	6
113	Sinusoidal potential cycling operation of a direct ethanol fuel cell to improve carbon dioxide yields. <i>Journal of Power Sources</i> , 2014, 268, 439-442.	4.0	6
114	Formic acid oxidation at palladium nanoparticles supported on polyaniline modified carbon fibre paper. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2843-2848.	1.2	6
115	Conducting Polymer-Supported Fuel Cell Catalysts. <i>ACS Symposium Series</i> , 2002, , 166-183.	0.5	5
116	Ion-exchange and ion-transport in silica and sulphonated-silica (ormosil) hydrogels. <i>Electrochimica Acta</i> , 2008, 53, 3897-3902.	2.6	5
117	Factors affecting the spontaneous adsorption of Bi(III) onto Pt and PtRu nanoparticles. <i>Applied Surface Science</i> , 2016, 364, 308-314.	3.1	5
118	Determination of the Stoichiometry of Ethanol Oxidation from the Flow Rate Dependence of the Current in a Proton Exchange Membrane Electrolysis Cell. <i>Journal of the Electrochemical Society</i> , 2018, 165, F479-F483.	1.3	5
119	Screening of Catalysts for the Electrochemical Oxidation of Organic Fuels in A Multi-Anode Proton Exchange Membrane Cell. <i>Journal of the Electrochemical Society</i> , 2019, 166, F942-F948.	1.3	5
120	Electrolysis of Ethanol and Methanol at PtRu@Pt Catalysts. <i>Journal of the Electrochemical Society</i> , 2022, 169, 034523.	1.3	5
121	Separation of kinetic and mass transport effects in the electrolysis of formic acid in a flow-through cell. <i>Electrochimica Acta</i> , 2019, 294, 110-116.	2.6	4
122	Effects of iron-tetrasulfophthalocyanine on the catalytic activities of Pt/C, PtRu/C, and Pd/C catalysts in a multi-anode direct formic acid fuel cell. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 799-807.	1.5	3
123	Electrolysis of pyrolysis oil distillates and permeates in a multi-anode proton exchange membrane cell. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117892.	10.8	3
124	Electrochemical oxidation of formic acid at carbon supported Pt coated rotating disk electrodes. <i>Russian Journal of Electrochemistry</i> , 2017, 53, 1054-1060.	0.3	2
125	Influence of counterion charge on the electrochemistry and impedance of polypyrrole. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2741-2749.	1.2	2
126	Incorporation of ferrocene into polypyrrole films via an ionic adduct with boron trifluoride. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3769-3775.	1.2	1



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127	Electrochemical n-doping of polyfluorenone films. <i>Synthetic Metals</i> , 2019, 254, 128-133.	2.1	1
128	PtNi/C Catalysts for Improved Performance in Ethanol Fuel Cells. <i>ECS Transactions</i> , 2020, 97, 893-900.	0.3	1
129	(Invited) Pt/Metal Oxide/Ti and Pt/Metal Oxide/Carbon Composite Films for Ethanol Oxidation. <i>ECS Transactions</i> , 2020, 97, 837-844.	0.3	1
130	Hydrodynamic Studies of Ethanol Oxidation at Pt and PtRu Catalysts at Elevated Temperatures. <i>ECS Transactions</i> , 2020, 97, 869-875.	0.3	1
131	A Study of the Ethanol Oxidation Kinetics and Product Distribution using a Pt/TOMS Electrocatalyst. <i>Journal of the Electrochemical Society</i> , 2022, 169, 034505.	1.3	1
132	Oxidation of Formic Acid, Methanol, and Ethanol at Surface-Modified Pt/C Catalysts. <i>ECS Transactions</i> , 2020, 97, 939-948.	0.3	0
133	Ethanol Oxidation at Pt Nanoparticles Supported on Titanium Modified by Thermal Decomposition of Tin and Ruthenium Acetylacetonate Complexes. <i>Journal of the Electrochemical Society</i> , 2021, 168, 106503.	1.3	0
134	(Invited) Pt/Metal Oxide/Ti and Pt/Metal Oxide/Carbon Composite Films for Ethanol Oxidation. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2775-2775.	0.0	0
135	Electrochemical Oxidation of Organic Fuels at Rotating and Flow through Electrodes. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2859-2859.	0.0	0
136	PtNi/C Catalysts for Improved Selectivity and Performance in Ethanol Fuel Cells. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2915-2915.	0.0	0
137	Modification of Carbon Black by Thermal Decomposition of Lead Acetylacetonate to Improve Activities for Ethanol Oxidation at Supported Pt Catalysts. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2917-2917.	0.0	0
138	Characterization of Formic Acid Oxidation at Surface-Modified Pt/C Catalysts. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2922-2922.	0.0	0
139	Modification of Carbon Black by Thermal Decomposition of Lead Acetylacetonate to Improve Activities for Ethanol Oxidation at Supported Pt Catalysts. <i>ECS Transactions</i> , 2020, 97, 929-938.	0.3	0