

Almir Oliveira Neto

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121
papers

3,023
citations

29
h-index

50
g-index

132
ext. papers

3,353
ext. citations

4.6
avg, IF

5.08
L-index

#	Paper	IF	Citations
121	Electro-oxidation of methanol and ethanol using PtRu/C, PtSn/C and PtSnRu/C electrocatalysts prepared by an alcohol-reduction process. <i>Journal of Power Sources</i> , 2007 , 166, 87-91	8.9	217
120	The Electro-oxidation of Ethanol on Pt-Ru and Pt-Mo Particles Supported on High-Surface-Area Carbon. <i>Journal of the Electrochemical Society</i> , 2002 , 149, A272	3.9	143
119	Electro-oxidation of methanol and ethanol using PtRu/C electrocatalysts prepared by spontaneous deposition of platinum on carbon-supported ruthenium nanoparticles. <i>Journal of Power Sources</i> , 2004 , 129, 121-126	8.9	129
118	Co-catalytic effect of nickel in the electro-oxidation of ethanol on binary PtSn electrocatalysts. <i>Electrochemistry Communications</i> , 2005 , 7, 365-369	5.1	127
117	Ethanol electro-oxidation in an alkaline medium using Pd/C, Au/C and PdAu/C electrocatalysts prepared by electron beam irradiation. <i>Electrochimica Acta</i> , 2013 , 111, 455-465	6.7	106
116	Electro-oxidation of methanol and ethanol on PtRu/C and PtRuMo/C electrocatalysts prepared by Binnemann's method. <i>Journal of the European Ceramic Society</i> , 2003 , 23, 2987-2992	6	90
115	Palladium and palladiumSn supported on multi wall carbon nanotubes or carbon for alkaline direct ethanol fuel cell. <i>Journal of Power Sources</i> , 2015 , 275, 189-199	8.9	78
114	Electro-oxidation of ethanol using PtRu/C electrocatalysts prepared by alcohol-reduction process. <i>Journal of Power Sources</i> , 2004 , 137, 17-23	8.9	75
113	Electro-oxidation of ethylene glycol on PtRu/C and PtSn/C electrocatalysts prepared by alcohol-reduction process. <i>Journal of Applied Electrochemistry</i> , 2005 , 35, 193-198	2.6	69
112	Direct ammonia fuel cell performance using PtIr/C as anode electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 5148-5152	6.7	66
111	Oxidation of ammonia using PtRh/C electrocatalysts: Fuel cell and electrochemical evaluation. <i>Applied Catalysis B: Environmental</i> , 2015 , 174-175, 136-144	21.8	64
110	PtSn/C alloyed and non-alloyed materials: Differences in the ethanol electro-oxidation reaction pathways. <i>Applied Catalysis B: Environmental</i> , 2011 , 110, 141-147	21.8	63
109	PdBi/C electrocatalysts for ethanol electro-oxidation in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 10522-10526	6.7	62
108	Study of ethanol electro-oxidation in acid environment on Pt ₃ Sn/C anode catalysts prepared by a modified polymeric precursor method under controlled synthesis conditions. <i>Journal of Power Sources</i> , 2010 , 195, 1589-1593	8.9	58
107	Enhanced electro-oxidation of ethanol using PtSn/CeO ₂ electrocatalyst prepared by an alcohol-reduction process. <i>Electrochemistry Communications</i> , 2008 , 10, 1315-1317	5.1	58
106	Investigation of PdIr/C electrocatalysts as anode on the performance of direct ammonia fuel cell. <i>Journal of Power Sources</i> , 2014 , 268, 129-136	8.9	55
105	The high activity of PtBi/C electrocatalysts for ethanol electro-oxidation in alkaline medium. <i>Electrochemistry Communications</i> , 2011 , 13, 143-146	5.1	51

104	Binary and ternary palladium based electrocatalysts for alkaline direct glycerol fuel cell. <i>Journal of Power Sources</i> , 2015 , 293, 823-830	8.9	50
103	Electrocatalysis and electrocatalysts for low temperature fuel cells: fundamentals, state of the art, research and development. <i>Quimica Nova</i> , 2005 , 28, 1066-1075	1.6	50
102	PtSnCe/C electrocatalysts for ethanol oxidation: DEFC and FTIR in-situ studies. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 11519-11527	6.7	49
101	The effect of acetaldehyde and acetic acid on the direct ethanol fuel cell performance using PtSnO ₂ /C electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 12069-12077	6.7	46
100	Electro-oxidation of ethanol using PtSnRh/C electrocatalysts prepared by an alcohol-reduction process. <i>Ionics</i> , 2010 , 16, 91-95	2.7	45
99	Synthesis of Pt+SnO ₂ /C electrocatalysts containing Pt nanoparticles with preferential (100) orientation for direct ethanol fuel cell. <i>Applied Catalysis B: Environmental</i> , 2017 , 218, 91-100	21.8	42
98	PtAu/C electrocatalysts as anodes for direct ammonia fuel cell. <i>Applied Catalysis A: General</i> , 2015 , 490, 133-138	5.1	39
97	Electro-oxidation of ethanol on PtRu/C electrocatalysts prepared from (EtC ₂ H ₄)(Cl)Pt(III)2Ru(Cl)(B ₃ C ₁₀ H ₁₆). <i>Journal of Power Sources</i> , 2003 , 124, 426-431	8.9	38
96	PdxNby electrocatalysts for DEFC in alkaline medium: Stability, selectivity and mechanism for EOR. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 4505-4516	6.7	34
95	Electrochemical and fuel cell evaluation of PtAu/C electrocatalysts for ethanol electro-oxidation in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 10121-10127	6.7	33
94	Preparation of PtRuNi/C electrocatalysts by an alcohol-reduction process for electro-oxidation of methanol. <i>Applied Catalysis A: General</i> , 2010 , 372, 162-166	5.1	30
93	Enhanced activity observed for sulfuric acid and chlorosulfuric acid functionalized carbon black as PtRu and PtSn electrocatalyst support for DMFC and DEFC applications. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 14659-14667	6.7	29
92	Electro-oxidation of ethanol on PtSn/CeO ₂ electrocatalyst. <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 1153-1156	2.6	28
91	Synthesis of Pt nanoparticles with preferential (1 0 0) orientation directly on the carbon support for Direct Ethanol Fuel Cell. <i>Journal of Catalysis</i> , 2016 , 342, 67-74	7.3	28
90	Structural analysis of PdRh/C and PdSn/C and its use as electrocatalysts for ethanol oxidation in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 937-951	6.7	28
89	Evaluation of carbon supported platinum-ruthenium nanoparticles for ammonia electro-oxidation: Combined fuel cell and electrochemical approach. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 193-201	6.7	27
88	Ethanol electrooxidation on PdIr/C electrocatalysts in alkaline media: electrochemical and fuel cell studies. <i>Ionics</i> , 2015 , 21, 487-495	2.7	27
87	Acid-treated PtSn/C and PtSnCu/C electrocatalysts for ethanol electro-oxidation. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 5671-5677	6.7	26

86	The performance of Pt nanoparticles supported on Sb ₂ O ₅ .SnO ₂ , on carbon and on physical mixtures of Sb ₂ O ₅ .SnO ₂ and carbon for ethanol electro-oxidation. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 9177-9181	6.7	26
85	The Catalytic Activity of Pt:Ru Nanoparticles for Ethylene Glycol and Ethanol Electrooxidation in a Direct Alcohol Fuel Cell. <i>Electrocatalysis</i> , 2019 , 10, 203-213	2.7	25
84	Preparation and characterization of Pt/Bare Earth/C electrocatalysts using an alcohol reduction process for methanol electro-oxidation. <i>Journal of Alloys and Compounds</i> , 2009 , 476, 288-291	5.7	25
83	Métodos de preparação de nanopartículas metálicas suportadas em carbono de alta área superficial, como eletrocatalisadores em células a combustível com membrana trocadora de prótons. <i>Química Nova</i> , 2004 , 27, 648-654	1.6	25
82	PdAu/C Electrocatalysts as Anodes for Direct Formate Fuel Cell. <i>Electrocatalysis</i> , 2015 , 6, 442-446	2.7	24
81	The effect of antimony-tin and indium-tin oxide supports on the catalytic activity of Pt nanoparticles for ammonia electro-oxidation. <i>Materials Chemistry and Physics</i> , 2016 , 180, 97-103	4.4	24
80	Glycerol oxidation reaction using PdAu/C electrocatalysts. <i>Ionics</i> , 2016 , 22, 1167-1175	2.7	23
79	In situ spectroscopy studies of ethanol oxidation reaction using a single fuel cell/ATR-FTIR setup. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 10585-10591	6.7	23
78	Preparation of PtSn/C and PtSnNi/C electrocatalysts using the alcohol-reduction process. <i>Materials Letters</i> , 2008 , 62, 2099-2102	3.3	22
77	Synthesis of electrocatalysts by the Bismann method for the oxidation of methanol and the mixture H ₂ /CO in a Proton Exchange Membrane Fuel Cell. <i>Journal of the Brazilian Chemical Society</i> , 2002 , 13, 516-521	1.5	22
76	Electrochemical and in situ ATR-FTIR studies of ethanol electro-oxidation in alkaline medium using PtRh/C electrocatalysts. <i>Materials for Renewable and Sustainable Energy</i> , 2015 , 4, 1	4.7	21
75	PtRu/C electrocatalysts prepared using γ irradiation. <i>Journal of Power Sources</i> , 2007 , 170, 303-307	8.9	21
74	The effect of ethanol concentration on the direct ethanol fuel cell performance and products distribution: A study using a single fuel cell/attenuated total reflectance Fourier transform infrared spectroscopy. <i>Journal of Power Sources</i> , 2014 , 253, 392-396	8.9	20
73	Iridium/Rhodium Nanoparticles for Ammonia Oxidation: Electrochemical and Fuel Cell Studies. <i>ChemElectroChem</i> , 2017 , 4, 1101-1107	4.3	19
72	Preparation of PdAu/C-Sb ₂ O ₅ .SnO ₂ electrocatalysts by borohydride reduction process for direct formic acid fuel cell. <i>Ionics</i> , 2013 , 19, 1207-1213	2.7	19
71	PtSnIr/C anode electrocatalysts: promoting effect in direct ethanol fuel cells. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 1146-1153	1.5	19
70	Preparation of PtSnO ₂ /C electrocatalysts using electron beam irradiation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010 , 175, 261-265	3.1	18
69	Microbial fuel cell-induced production of fungal laccase to degrade the anthraquinone dye Remazol Brilliant Blue R. <i>Environmental Chemistry Letters</i> , 2019 , 17, 1413-1420	13.3	17

68	Carbon-supported Pt nanoparticles with (100) preferential orientation with enhanced electrocatalytic properties for carbon monoxide, methanol and ethanol oxidation in acidic medium. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 28786-28796	6.7	17
67	Electro-oxidation of ethanol using PtRuBi/C electrocatalyst prepared by borohydride reduction. <i>Ionics</i> , 2009 , 15, 743-747	2.7	17
66	Electro-oxidation of ethylene glycol on PtSn/C and PtSnNi/C electrocatalysts. <i>Ionics</i> , 2006 , 12, 309-313	2.7	17
65	Ethanol Oxidation Reaction Using PtSn/C+Ce/C Electrocatalysts: Aspects of Ceria Contribution. <i>Electrochimica Acta</i> , 2014 , 117, 292-298	6.7	15
64	Electrooxidation of ethanol using Pt rare earth ₃ electrocatalysts prepared by an alcohol reduction process. <i>Ionics</i> , 2008 , 14, 577-581	2.7	15
63	PtAu Electrocatalyst for Glycerol Oxidation Reaction Using a ATR-FTIR/Single Direct Alkaline Glycerol/Air Cell In Situ Study. <i>Electrocatalysis</i> , 2016 , 7, 22-32	2.7	14
62	Electro-Oxidation of Ethanol on PtSnRh/C-Sb ₂ O ₅ /SnO ₂ Electrocatalysts Prepared by Borohydride Reduction. <i>Electrocatalysis</i> , 2013 , 4, 159-166	2.7	14
61	Direct oxidation of methane at low temperature using Pt/C, Pd/C, Pt/C-ATO and Pd/C-ATO electrocatalysts prepared by sodium borohydride reduction process. <i>Journal of Fuel Chemistry and Technology</i> , 2018 , 46, 1137-1145	1.8	13
60	In Situ ATR-FTIR Studies of Ethanol Electro-oxidation in Alkaline Medium on PtRh/C Electrocatalyst Prepared by an Alcohol Reduction Process. <i>Electrocatalysis</i> , 2016 , 7, 297-304	2.7	12
59	Direct Alkaline Anion Exchange Membrane Fuel Cell to Converting Methane into Methanol. <i>ChemistrySelect</i> , 2019 , 4, 11430-11434	1.8	12
58	Effect of TiO ₂ Content on Ethanol Electrooxidation in Alkaline Media Using Pt Nanoparticles Supported on Physical Mixtures of Carbon and TiO ₂ as Electrocatalysts. <i>Electrocatalysis</i> , 2014 , 5, 213-219	2.7	12
57	Influence of the relative volumes between catalyst and Nafion ionomer in the catalyst layer efficiency. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 14680-14689	6.7	12
56	Electrochemical and Fuel Cell Evaluation of PtIr/C Electrocatalysts for Ethanol Electrooxidation in Alkaline Medium. <i>Electrocatalysis</i> , 2014 , 5, 438-444	2.7	12
55	Partial oxidation of methane and generation of electricity using a PEMFC. <i>Ionics</i> , 2019 , 25, 5077-5082	2.7	11
54	Anodic oxidation of formic acid on PdAuIr/C-Sb ₂ O ₅ /SnO ₂ electrocatalysts prepared by borohydride reduction. <i>Journal of Fuel Chemistry and Technology</i> , 2014 , 42, 851-857	1.8	11
53	PtRu/C electrocatalysts prepared using electron beam irradiation. <i>Materials Research</i> , 2007 , 10, 367-370	1.5	11
52	Methanol Oxidation in Alkaline Medium Using PtIn/C Electrocatalysts. <i>Electrocatalysis</i> , 2016 , 7, 445-450	2.7	10
51	Use of PtAu/C electrocatalysts toward formate oxidation: electrochemical and fuel cell considerations. <i>Materials for Renewable and Sustainable Energy</i> , 2016 , 5, 1	4.7	10

50	Ni/Carbon Hybrid Prepared by Hydrothermal Carbonization and Thermal Treatment as Support for PtRu Nanoparticles for Direct Methanol Fuel Cell. <i>Journal of Materials Science and Technology</i> , 2013 , 29, 747-751	9.1	10
49	Preparation and characterization of PtRu/C-rare earth using an alcohol-reduction process for ethanol electro-oxidation. <i>Ionics</i> , 2011 , 17, 189-193	2.7	10
48	Platinum nanoparticles supported on nitrogen-doped carbon for ammonia electro-oxidation. <i>Materials Chemistry and Physics</i> , 2017 , 200, 354-360	4.4	9
47	Glycerol Electrooxidation in Alkaline Medium Using Pd/C, Au/C and PdAu/C Electrocatalysts Prepared by Electron Beam Irradiation. <i>Journal of the Brazilian Chemical Society</i> , 2014 ,	1.5	9
46	Preparation of PtSn/C electrocatalysts using citric acid as reducing agent for direct ethanol fuel cell (DEFC). <i>Ionics</i> , 2010 , 16, 85-89	2.7	9
45	Preparation of PtRu/carbon hybrids by hydrothermal carbonization process. <i>Materials Research</i> , 2007 , 10, 171-175	1.5	9
44	PtSn/C electrocatalysts prepared by different methods for direct ethanol fuel cell. <i>Studies in Surface Science and Catalysis</i> , 2006 , 617-624	1.8	9
43	Fuel cell and electrochemical studies of the ethanol electro-oxidation in alkaline media using PtAuIr/C as anodes. <i>Ionics</i> , 2017 , 23, 2367-2376	2.7	8
42	Palladium nanoparticles supported on phosphorus-doped carbon for ethanol electro-oxidation in alkaline media. <i>Ionics</i> , 2018 , 24, 1111-1119	2.7	8
41	Preparation of PtSnRh/C-Sb ₂ O ₅ /SnO ₂ electrocatalysts by an alcohol reduction process for direct ethanol fuel cell. <i>Ionics</i> , 2012 , 18, 781-786	2.7	8
40	The effect of support on Pd ₁ Nb ₁ electrocatalysts for ethanol fuel cells. <i>Renewable Energy</i> , 2020 , 150, 293-306	8.1	8
39	Enhanced Electrooxidation of Ethanol Using Pd/C + TiO ₂ Electrocatalysts in Alkaline Media. <i>Electrocatalysis</i> , 2015 , 6, 86-91	2.7	7
38	Comparative analysis between mass and volume of catalysts as a criterion to determine the optimal quantity of Nafion ionomer in catalyst layers. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 2840-2849	6.7	7
37	Application of microbial fuel cell technology for vinasse treatment and bioelectricity generation. <i>Biotechnology Letters</i> , 2019 , 41, 107-114	3	7
36	Methanol oxidation in acidic and alkaline electrolytes using PtRuIn/C electrocatalysts prepared by borohydride reduction process. <i>Journal of Fuel Chemistry and Technology</i> , 2018 , 46, 1462-1471	1.8	7
35	PtRu Nanoparticles Supported on Phosphorous-Doped Carbon as Electrocatalysts for Methanol Electro-Oxidation. <i>Electrocatalysis</i> , 2017 , 8, 245-251	2.7	6
34	Synthesis of hydroquinone with co-generation of electricity from phenol aqueous solution in a proton exchange membrane fuel cell reactor. <i>Catalysis Communications</i> , 2015 , 59, 113-115	3.2	6
33	Methane activation at low temperature in an acidic electrolyte using PdAu/C, PdCu/C, and PdTiO ₂ /C electrocatalysts for PEMFC. <i>Research on Chemical Intermediates</i> , 2020 , 46, 2481-2496	2.8	6

32	PtRu/carbon hybrid materials prepared by hydrothermal carbonization as electrocatalysts for methanol electrooxidation. <i>Ionics</i> , 2012 , 18, 215-222	2.7	6
31	Glycerol and Methanol Electro-oxidation at Pt/C-ITO under Alkaline Condition. <i>Electroanalysis</i> , 2016 , 28, 2552-2558	3	6
30	Performance of Pd Electrocatalyst Supported on a Physical Mixture Indium Tin Oxide/Carbon for Glycerol Electrooxidation in Alkaline Media. <i>Electroanalysis</i> , 2017 , 29, 960-964	3	5
29	Conversion of Methane into Methanol Using the [6,6'-(2,2'-Bipyridine-6,6'-Diyl)bis(1,3,5-Triazine-2,4-Diamine)](Nitrate-O)Copper(II) Complex in a Solid Electrolyte Reactor Fuel Cell Type. <i>ACS Omega</i> , 2020 , 5, 16003-16009	3.9	5
28	Preparation of PtSnSb/C by an alcohol reduction process for direct ethanol fuel cell (DEFC). <i>Ionics</i> , 2011 , 17, 559-564	2.7	5
27	Ethanol Oxidation Reaction on IrPtSn/C Electrocatalysts with low Pt Content. <i>Journal of the Brazilian Chemical Society</i> , 2013 ,	1.5	5
26	Effect of Ni content in PdNi/C anode catalysts on power and methanol co-generation in alkaline direct methane fuel cell type. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 390-401	9.3	4
25	Effect of the TiO ₂ content as support with carbon toward methanol electro-oxidation in alkaline media using platinum nanoparticles as electrocatalysts. <i>Ionics</i> , 2014 , 20, 1137	2.7	4
24	Preparation of PtRu/C electrocatalysts by hydrothermal carbonization using different carbon sources. <i>Studies in Surface Science and Catalysis</i> , 2010 , 551-554	1.8	4
23	PtRu/C Electrocatalysts Prepared Using Gamma and Electron Beam Irradiation for Methanol Electrooxidation. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-6	3.2	4
22	Eletr-oxidaçã de etanol sobre eletrocatalisadores PtRh/C, PtSn/C e PtSnRh/C preparados pelo mètodo da reduçã por LiAlH ₄ . <i>Eclética Quimica</i> , 2006 , 31, 81-88	2.6	4
21	New Electrocatalysts for Electro-Oxidation of Methanol Prepared by Bünemann's Method. <i>Portugaliae Electrochimica Acta</i> , 2004 , 22, 93-101	2.4	4
20	High activity of PtRh supported on C/ITO for ethanol oxidation in alkaline medium. <i>Research on Chemical Intermediates</i> , 2020 , 46, 1555-1570	2.8	4
19	New approach by electrospray technique to prepare a gas diffusion layer for the proton exchange membrane fuel cell anode. <i>Materials Today Advances</i> , 2021 , 12, 100161	7.4	4
18	Partial Methane Oxidation in Fuel Cell-Type Reactors for Co-Generation of Energy and Chemicals: A Short Review. <i>Catalysts</i> , 2022 , 12, 217	4	4
17	Preparation of PtSn/C skeletal-type electrocatalyst for ethanol oxidation. <i>Studies in Surface Science and Catalysis</i> , 2010 , 559-562	1.8	3
16	Preparation of PtSn/C electrocatalysts using electron beam irradiation. <i>Studies in Surface Science and Catalysis</i> , 2010 , 555-558	1.8	3
15	Preparation of PtRu/C Electrocatalysts by Hydrothermal Carbonization Process for Methanol Electro-oxidation. <i>Portugaliae Electrochimica Acta</i> , 2009 , 27, 345-352	2.4	3

14	Methane conversion to higher value-added product and energy co-generation using anodes OF PdCu/C in a solid electrolyte reactor: alkaline fuel cell type monitored by differential mass spectroscopy. <i>Research on Chemical Intermediates</i> , 2021 , 47, 743-757	2.8	3
13	Obtaining C2 and C3 Products from Methane Using Pd/C as Anode in a Solid Fuel Cell-type Electrolyte Reactor. <i>ChemCatChem</i> , 2020 , 12, 4517-4521	5.2	2
12	High CO tolerance of Pt nanoparticles synthesized by sodium borohydride in a time-domain NMR spectrometer. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 22973-22978	6.7	2
11	Au core stabilizes CO adsorption onto Pd leading to CO ₂ production. <i>Materials Today Advances</i> , 2020 , 6, 100070	7.4	2
10	Glycerol dehydrogenation steps on Au/C surface in alkaline medium: An in-situ ATR-FTIR approach. <i>Renewable Energy</i> , 2021 , 167, 954-959	8.1	2
9	Characterization of Proton Exchange Membrane Fuel Cell Cathode Catalysts Prepared by Alcohol-Reduction Process. <i>Materials Science Forum</i> , 2010 , 660-661, 94-99	0.4	1
8	Borohydride Reduction Method for PdIn/C Electrocatalysts Synthesis towards Glycerol Electrooxidation under Alkaline Condition. <i>Electroanalysis</i> , 2021 , 33, 1115-1120	3	1
7	Effects of TiO ₂ in Pd-TiO ₂ /C for glycerol oxidation in a direct alkaline fuel cell. <i>Journal of Fuel Chemistry and Technology</i> , 2022 , 50, 474-482	1.8	1
6	Facile, clean and rapid exfoliation of boron-nitride using a non-thermal plasma process. <i>Materials Today Advances</i> , 2021 , 12, 100181	7.4	0
5	Methane activation on PdMn/C-ITO electrocatalysts using a reactor-type PEMFC. <i>Research on Chemical Intermediates</i> , 2020 , 46, 4383-4402	2.8	0
4	Comparison of various atomic compositions of Au@Pd/C, Pd/C, and AuPd/C electrocatalysts for direct ethanol fuel cells. <i>Energy Storage</i> , 2020 , 2, e139	2.8	
3	Preparation of PtSn/C Electrocatalyst by Successive Reduction for Ethanol Electro-Oxidation. <i>ECS Transactions</i> , 2012 , 43, 339-344	1	
2	Addition of bismuth to Pt and Pd for electric power generation with selective cogeneration of acetate from ethanol in a fuel cell type reactor. <i>Journal of Fuel Chemistry and Technology</i> , 2021 , 49, 1540-1548	1.8	
1	PtSb/C electrocatalysts for glycerol oxidation in alkaline electrolyte. <i>Results in Chemistry</i> , 2022 , 4, 100375	1	