

Almir Oliveira Neto

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6839500/almir-oliveira-neto-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
120	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
119	PtSb/C electrocatalysts for glycerol oxidation in alkaline electrolyte. <i>Results in Chemistry</i> , 2022 , 4, 100375.1	5.1	1
118	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
117	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
116	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
115	Borohydride Reduction Method for PdIn/C Electrocatalysts Synthesis towards Glycerol Electrooxidation under Alkaline Condition. <i>Electroanalysis</i> , 2021 , 33, 1115-1120	3	1
114	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
113	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
112	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
111	Obtaining C ₂ and C ₃ 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
110	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
109	Conversion of Methane into Methanol Using the [6,6'-(2,2'-Bipyridine-6,6'-Diyl)bis(1,3,5-Triazine-2,4-Diamine)](Nitrato-O)Copper(II) Complex in a Solid Electrolyte Reactor Fuel Cell Type. <i>ACS Omega</i> , 2020 , 5, 16003-16009	3.9	5
108	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	0
107	High activity of PtRh supported on CITO for ethanol oxidation in alkaline medium. <i>Research on Chemical Intermediates</i> , 2020 , 46, 1555-1570	2.8	4
106	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
105	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

104	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
103	Au core stabilizes CO adsorption onto Pd leading to CO ₂ production. <i>Materials Today Advances</i> , 2020 , 6, 100070	7.4	2
102	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
101	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
100	Partial oxidation of methane and generation of electricity using a PEMFC. <i>Ionics</i> , 2019 , 25, 5077-5082	2.7	11
99	Direct Alkaline Anion Exchange Membrane Fuel Cell to Converting Methane into Methanol. <i>ChemistrySelect</i> , 2019 , 4, 11430-11434	1.8	12
98	Application of microbial fuel cell technology for vinasse treatment and bioelectricity generation. <i>Biotechnology Letters</i> , 2019 , 41, 107-114	3	7
97	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
96	Pd _x Nb _y 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	Palladium nanoparticles supported on phosphorus-doped carbon for ethanol electro-oxidation in alkaline media. <i>Ionics</i> , 2018 , 24, 1111-1119	2.7	8
94	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
93	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
92	PtRu Nanoparticles Supported on Phosphorous-Doped Carbon as Electrocatalysts for Methanol Electro-Oxidation. <i>Electrocatalysis</i> , 2017 , 8, 245-251	2.7	6
91	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
90	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
89	IridiumRhodium Nanoparticles for Ammonia Oxidation: Electrochemical and Fuel Cell Studies. <i>ChemElectroChem</i> , 2017 , 4, 1101-1107	4.3	19
88	Evaluation of carbon supported platinumRuthenium 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
87	Performance of Pd Electrocatalyst Supported on a Physical Mixture Indium Tin OxideCarbon for Glycerol ElectroOxidation in Alkaline Media. <i>Electroanalysis</i> , 2017 , 29, 960-964	3	5

86	Platinum nanoparticles supported on nitrogen-doped carbon for ammonia electro-oxidation. <i>Materials Chemistry and Physics</i> , 2017 , 200, 354-360	4.4	9
85	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
84	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
83	Methanol Oxidation in Alkaline Medium Using PtIn/C Electrocatalysts. <i>Electrocatalysis</i> , 2016 , 7, 445-450	2.7	10
82	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
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 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
78	Glycerol and Methanol Electro-oxidation at Pt/C-ITO under Alkaline Condition. <i>Electroanalysis</i> , 2016 , 28, 2552-2558	3	6
77	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
76	Enhanced Electrooxidation of Ethanol Using Pd/C + TiO ₂ Electrocatalysts in Alkaline Media. <i>Electrocatalysis</i> , 2015 , 6, 86-91	2.7	7
75	PdAu/C Electrocatalysts as Anodes for Direct Formate Fuel Cell. <i>Electrocatalysis</i> , 2015 , 6, 442-446	2.7	24
74	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
73	Ethanol electrooxidation on PdIr/C electrocatalysts in alkaline media: electrochemical and fuel cell studies. <i>Ionics</i> , 2015 , 21, 487-495	2.7	27
72	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
71	PtAu/C electrocatalysts as anodes for direct ammonia fuel cell. <i>Applied Catalysis A: General</i> , 2015 , 490, 133-138	5.1	39
70	Palladium and palladium ^{II} 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
69	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

68	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
67	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
66	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	3.7	12
65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	Ethanol Oxidation Reaction Using PtSn/C+Ce/C Electrocatalysts: Aspects of Ceria Contribution. <i>Electrochimica Acta</i> , 2014 , 117, 292-298	6.7	15
57	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
56	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
55	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
54	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
53	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
52	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
51	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

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	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
48	Ethanol Oxidation Reaction on IrPtSn/C Electrocatalysts with low Pt Content. <i>Journal of the Brazilian Chemical Society</i> , 2013 ,	1.5	5
47	PtRu/carbon hybrid materials prepared by hydrothermal carbonization as electrocatalysts for methanol electrooxidation. <i>Ionics</i> , 2012 , 18, 215-222	2.7	6
46	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
45	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
44	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
43	Preparation of PtSn/C Electrocatalyst by Successive Reduction for Ethanol Electro-Oxidation. <i>ECS Transactions</i> , 2012 , 43, 339-344	1	
42	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
41	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
40	PdBi/C electrocatalysts for ethanol electro-oxidation in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 10522-10526	6.7	62
39	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
38	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
37	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
36	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
35	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
34	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
33	Preparation of PtSn/C skeletal-type electrocatalyst for ethanol oxidation. <i>Studies in Surface Science and Catalysis</i> , 2010 , 559-562	1.8	3

32	Preparation of PtSn/C electrocatalysts using electron beam irradiation. <i>Studies in Surface Science and Catalysis</i> , 2010 , 555-558	1.8	3
31	Electro-oxidation of ethanol using PtSnRh/C electrocatalysts prepared by an alcohol-reduction process. <i>Ionics</i> , 2010 , 16, 91-95	2.7	45
30	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
29	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
28	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
27	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
26	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
25	Electro-oxidation of ethanol on PtSn/CeO ₂ electrocatalyst. <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 1153-1156	2.6	28
24	Electro-oxidation of ethanol using PtRuBi/C electrocatalyst prepared by borohydride reduction. <i>Ionics</i> , 2009 , 15, 743-747	2.7	17
23	Preparation and characterization of PtRare 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
22	Preparation of PtRu/C Electro-catalysts by Hydrothermal Carbonization Process for Methanol Electro-oxidation. <i>Portugaliae Electrochimica Acta</i> , 2009 , 27, 345-352	2.4	3
21	Preparation of PtSn/C and PtSnNi/C electrocatalysts using the alcohol-reduction process. <i>Materials Letters</i> , 2008 , 62, 2099-2102	3.3	22
20	Electrooxidation of ethanol using Pt rare earth electrocatalysts prepared by an alcohol reduction process. <i>Ionics</i> , 2008 , 14, 577-581	2.7	15
19	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
18	Preparation of PtRu/carbon hybrids by hydrothermal carbonization process. <i>Materials Research</i> , 2007 , 10, 171-175	1.5	9
17	PtRu/C electrocatalysts prepared using electron beam irradiation. <i>Materials Research</i> , 2007 , 10, 367-370	1.5	11
16	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
15	PtRu/C electrocatalysts prepared using γ irradiation. <i>Journal of Power Sources</i> , 2007 , 170, 303-307	8.9	21

14	Electro-oxidation of ethylene glycol on PtSn/C and PtSnNi/C electrocatalysts. <i>Ionics</i> , 2006 , 12, 309-313	2.7	17
13	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
12	Eletro-oxidaço de etanol sobre eletrocatalisadores PtRh/C, PtSn/C e PtSnRh/C preparados pelo mtodo da reduço por tool. <i>Ecltica Qumica</i> , 2006 , 31, 81-88	2.6	4
11	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
10	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
9	Electrocatalysis and electrocatalysts for low temperature fuel cells: fundamentals, state of the art, research and development. <i>Qumica Nova</i> , 2005 , 28, 1066-1075	1.6	50
8	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
7	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
6	Mtodos de preparaço de nanopartculas metlicas suportadas em carbono de alta rea superficial, como eletrocatalisadores em clulas a combustvel com membrana trocadora de prtons. <i>Qumica Nova</i> , 2004 , 27, 648-654	1.6	25
5	New Electrocatalysts for Electro-Oxidation of Methanol Prepared by Bnemann's Method. <i>Portugaliae Electrochimica Acta</i> , 2004 , 22, 93-101	2.4	4
4	Electro-oxidation of methanol and ethanol on PtRu/C and PtRuMo/C electrocatalysts prepared by Bnemann's method. <i>Journal of the European Ceramic Society</i> , 2003 , 23, 2987-2992	6	90
3	Electro-oxidation of ethanol on PtRu/C electrocatalysts prepared from (C ₂ H ₄)(Cl)Pt(Cl) ₂ Ru(Cl)(B ₃ -C ₁₀ H ₁₆). <i>Journal of Power Sources</i> , 2003 , 124, 426-431	8.9	38
2	Synthesis of electrocatalysts by the Bnemann 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
1	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