Frederic Jaouen

List of PR Articles by Year
in descending order

125 PR articles	25,153 PR citations	5950 71 PR h-index	10943 123 g-index
128 documents	26286 doc citations	8411 71 h-index	14929 citing authors

#	Article	IF	PR Citations
1	Single-atom catalysts for oxygen evolution reaction in acidic media. Current Opinion in Electrochemistry, 2025, 49, 101606.	4.4	2
2	Exploring Spin Distribution and Electronic Properties in FeN4-Graphene Catalysts with Edge Terminations. Molecules, 2024, 29, 479.	4.3	5
3	Single-Site-Level Deciphering of the Complexity of Electrochemical Oxygen Reduction on Feâ€"Nâ€"C Catalysts. ACS Catalysis, 2024, 14, 8184-8192.	12.9	13
4	Impact of Carbon Corrosion and Denitrogenation on the Deactivation of Feâ€"Nâ€"C Catalysts in Alkaline Media. ACS Catalysis, 2024, 14, 8576-8591.	12.9	19
5	Understanding the effects of operating conditions on the water management in anion exchange membrane fuel cells. Journal of Power Sources, 2023, 554, 232343.	8.0	13
6	Modulating the Feâ€"N₄ Active Site Content by Nitrogen Source in Feâ€"Nâ€"C Aerogel Catalysts for Proton Exchange Membrane Fuel Cell. ACS Catalysis, 2023, 13, 1149-1163.	12.9	25
7	Doped Graphene To Mimic the Bacterial NADH Oxidase for One-Step NAD⁺ Supplementation in Mammals. Journal of the American Chemical Society, 2023, 145, 3108-3120.	15.1	46
8	FeNC Oxygen Reduction Electrocatalyst with High Utilization Pentaâ€Coordinated Sites. Advanced Materials, 2023, 35, .	24.3	117
9	<i>Operando</i> Spectroscopic Analysis of Axial Oxygen-Coordinated Single-Sn-Atom Sites for Electrochemical CO₂ Reduction. Journal of the American Chemical Society, 2023, 145, 7242-7251.	15.1	158
10	Bifunctional Zinc-Molybdate or Zinc molybdenum Oxide/Metal-Nitrogen-Carbon catalytic layers with improved four-electron selectivity for oxygen reduction in acidic medium. Electrochimica Acta, 2023, 457, 142503.	5.3	1
11	Structural and Reactivity Effects of Secondary Metal Doping into Iron-Nitrogen-Carbon Catalysts for Oxygen Electroreduction. Journal of the American Chemical Society, 2023, 145, 14737-14747.	15.1	61
12	Unraveling the Electronic Structure and Dynamics of the Atomically Dispersed Iron Sites in Electrochemical CO₂ Reduction. Journal of the American Chemical Society, 2023, 145, 15600-15610.	15.1	113
13	Review on the Degradation Mechanisms of Metal-N-C Catalysts for the Oxygen Reduction Reaction in Acid Electrolyte: Current Understanding and Mitigation Approaches. Chemical Reviews, 2023, 123, 9265-9326.	52.3	137
14	Unravelling the complex causality behind Feâ€"Nâ€"C degradation in fuel cells. Nature Catalysis, 2023, 6, 1140-1150.	41.4	93
15	Electrochemical carbonyl reduction on single-site Mâ€"Nâ€"C catalysts. Communications Chemistry, 2023, 6, .	5.6	12
16	Chemical Kinetic Method for Active-Site Quantification in Fe-N-C Catalysts and Correlation with Molecular Probe and Spectroscopic Site-Counting Methods. Journal of the American Chemical Society, 2023, 145, 26222-26237.	15.1	35
17	Using big data in economic modeling. Drukerovskij Vestnik, 2023, , 205-219.	0.1	0
18	Reduced formation of peroxide and radical species stabilises iron-based hybrid catalysts in polymer electrolyte membrane fuel cells. Journal of Energy Chemistry, 2022, 65, 433-438.	14.3	26

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19	What is Next in Anionâ€Exchange Membrane Water Electrolyzers? Bottlenecks, Benefits, and Future. ChemSusChem, 2022, 15, .	6.2	264
20	Mitigation of Carbon Crossover in CO₂ Electrolysis by Use of Bipolar Membranes. Journal of the Electrochemical Society, 2022, 169, 034508.	3.1	27
21	Electrochemical transformation of Fe-N-C catalysts into iron oxides in alkaline medium and its impact on the oxygen reduction reaction activity. Applied Catalysis B: Environmental, 2022, 311, 121366.	20.5	39
22	High loading of single atomic iron sites in Feâ€“NC oxygen reduction catalysts for proton exchange membrane fuel cells. Nature Catalysis, 2022, 5, 311-323.	41.4	565
23	Oxygen Reduction Reaction in Alkaline Media Causes Iron Leaching from Feâ€“Nâ€“C Electrocatalysts. Journal of the American Chemical Society, 2022, 144, 9753-9763.	15.1	127
24	Deactivation of Fe-N-C catalysts during catalyst ink preparation process. Catalysis Today, 2021, 359, 9-15.	4.8	12
25	Non-precious metal cathodes for anion exchange membrane fuel cells from ball-milled iron and nitrogen doped carbide-derived carbons. Renewable Energy, 2021, 167, 800-810.	9.3	68
26	Insights into the electronic structure of Fe penta-coordinated complexes. Spectroscopic examination and electrochemical analysis for the oxygen reduction and oxygen evolution reactions. Journal of Materials Chemistry A, 2021, 9, 23802-23816.	9.3	47
27	Selective electrochemical reduction of nitric oxide to hydroxylamine by atomically dispersed iron catalyst. Nature Communications, 2021, 12, .	13.9	203
28	Quantification of Active Site Density and Turnover Frequency: From Single-Atom Metal to Nanoparticle Electrocatalysts. Jacs Au, 2021, 1, 586-597.	8.2	109
29	Potentialâ€Induced Spin Changes in Fe/N/C Electrocatalysts Assessed by In Situ Xâ€ray Emission Spectroscopy. Angewandte Chemie, 2021, 133, 11813-11818.	1.4	7
30	Potentialâ€Induced Spin Changes in Fe/N/C Electrocatalysts Assessed by In Situ Xâ€ray Emission Spectroscopy. Angewandte Chemie - International Edition, 2021, 60, 11707-11712.	14.1	64
31	Chemical vapour deposition of Feâ€“Nâ€“C oxygen reduction catalysts with full utilization of dense Feâ€“N4 sites. Nature Materials, 2021, 20, 1385-1391.	35.1	642
32	Metal Oxide Clusters on Nitrogen-Doped Carbon are Highly Selective for CO₂ Electroreduction to CO. ACS Catalysis, 2021, 11, 10028-10042.	12.9	54
33	Iron and cobalt containing electrospun carbon nanofibre-based cathode catalysts for anion exchange membrane fuel cell. International Journal of Hydrogen Energy, 2021, 46, 31275-31287.	9.1	40
34	Influence of the synthesis parameters on the proton exchange membrane fuel cells performance of Feâ€“Nâ€“C aerogel catalysts. Journal of Power Sources, 2021, 514, 230561.	8.0	26
35	Understanding how single-atom site density drives the performance and durability of PGM-free Feâ€“Nâ€“C cathodes in anion exchange membrane fuel cells. Materials Today Advances, 2021, 12, 100179.	5.1	34
36	A platinum nanowire electrocatalyst on single-walled carbon nanotubes to drive hydrogen evolution. Applied Catalysis B: Environmental, 2020, 265, 118582.	20.5	48

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37	Evolution Pathway from Iron Compounds to Fe₁(II)â€"N₄ Sites through Gas-Phase Iron during Pyrolysis. Journal of the American Chemical Society, 2020, 142, 1417-1423.	15.1	266
38	On the Influence of Oxygen on the Degradation of Feâ€Nâ€C Catalysts. Angewandte Chemie, 2020, 132, 3261-3269.	1.4	167
39	On the Influence of Oxygen on the Degradation of Feâ€Nâ€C Catalysts. Angewandte Chemie - International Edition, 2020, 59, 3235-3243.	14.1	219
40	P-block single-metal-site tin/nitrogen-doped carbon fuel cell cathode catalyst for oxygen reduction reaction. Nature Materials, 2020, 19, 1215-1223.	35.1	402
41	Engineering Feâ€"N Doped Graphene to Mimic Biological Functions of NADPH Oxidase in Cells. Journal of the American Chemical Society, 2020, 142, 19602-19610.	15.1	82
42	The critical importance of ionomers on the electrochemical activity of platinum and platinum-free catalysts for anion-exchange membrane fuel cells. Sustainable Energy and Fuels, 2020, 4, 3300-3307.	4.0	33
43	Oxygen Reduction Reaction on Metal and Nitrogenâ€"Doped Carbon Electrocatalysts in the Presence of Sodium Borohydride. Electrocatalysis, 2020, 11, 365-373.	2.6	11
44	Establishing reactivity descriptors for platinum group metal (PGM)-free Feâ€"Nâ€"C catalysts for PEM fuel cells. Energy and Environmental Science, 2020, 13, 2480-2500.	30.6	297
45	Stable, Active, and Methanol-Tolerant PGM-Free Surfaces in an Acidic Medium: Electron Tunneling at Play in Pt/FeNC Hybrid Catalysts for Direct Methanol Fuel Cell Cathodes. ACS Catalysis, 2020, 10, 7475-7485.	12.9	38
46	Characterizing Complex Gasâ€"Solid Interfaces with in Situ Spectroscopy: Oxygen Adsorption Behavior on Feâ€"Nâ€"C Catalysts. Journal of Physical Chemistry C, 2020, 124, 16529-16543.	3.1	31
47	pH Effect on the H₂O₂-Induced Deactivation of Fe-N-C Catalysts. ACS Catalysis, 2020, 10, 8485-8495.	12.9	146
48	Identification of durable and non-durable FeNx sites in Feâ€"Nâ€"C materials for proton exchange membrane fuel cells. Nature Catalysis, 2020, 4, 10-19.	41.4	654
49	High Performance FeNC and Mn-oxide/FeNC Layers for AEMFC Cathodes. Journal of the Electrochemical Society, 2020, 167, 134505.	3.1	68
50	Activityâ€"Selectivity Trends in the Electrochemical Production of Hydrogen Peroxide over Single-Site Metalâ€"Nitrogenâ€"Carbon Catalysts. Journal of the American Chemical Society, 2019, 141, 12372-12381.	15.1	758
51	Electroreduction of CO₂ on Singleâ€Site Copperâ€Nitrogenâ€Doped Carbon Material: Selective Formation of Ethanol and Reversible Restructuration of the Metal Sites. Angewandte Chemie, 2019, 131, 15242-15247.	1.4	53
52	Effect of Ball-Milling on the Oxygen Reduction Reaction Activity of Iron and Nitrogen Co-doped Carbide-Derived Carbon Catalysts in Acid Media. ACS Applied Energy Materials, 2019, 2, 7952-7962.	5.4	53
53	Understanding Active Sites in Pyrolyzed Feâ€"Nâ€"C Catalysts for Fuel Cell Cathodes by Bridging Density Functional Theory Calculations and ⁵⁷Fe MÃ¶ssbauer Spectroscopy. ACS Catalysis, 2019, 9, 9359-9371.	12.9	227
54	Designing the 3D Architecture of PGM-Free Cathodes for H₂/Air Proton Exchange Membrane Fuel Cells. ACS Applied Energy Materials, 2019, 2, 7211-7222.	5.4	46

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55	Volcano Trend in Electrocatalytic CO₂ Reduction Activity over Atomically Dispersed Metal Sites on Nitrogen-Doped Carbon. ACS Catalysis, 2019, 9, 10426-10439.	12.9	186
56	Mechanisms of Manganese Oxide Electrocatalysts Degradation during Oxygen Reduction and Oxygen Evolution Reactions. Journal of Physical Chemistry C, 2019, 123, 25267-25277.	3.1	108
57	FeNC catalysts for CO₂ electroreduction to CO: effect of nanostructured carbon supports. Sustainable Energy and Fuels, 2019, 3, 1833-1840.	4.0	13
58	Effect of Pyrolysis Atmosphere and Electrolyte pH on the Oxygen Reduction Activity, Stability and Spectroscopic Signature of FeN_x Moieties in Fe-N-C Catalysts. Journal of the Electrochemical Society, 2019, 166, F3311-F3320.	3.1	92
59	Accurate Evaluation of Active-Site Density (SD) and Turnover Frequency (TOF) of PGM-Free Metalâ€“Nitrogen-Doped Carbon (MNC) Electrocatalysts using CO Cryo Adsorption. ACS Catalysis, 2019, 9, 4841-4852.	12.9	106
60	Strategies to Hierarchical Porosity in Carbon Nanofiber Webs for Electrochemical Applications. Surfaces, 2019, 2, 159-176.	2.9	23
61	The Challenge of Achieving a High Density of Fe-Based Active Sites in a Highly Graphitic Carbon Matrix. Catalysts, 2019, 9, 144.	3.8	26
62	Oxygen reduction reaction mechanism and kinetics on M-NxCy and M@N-C active sites present in model M-N-C catalysts under alkaline and acidic conditions. Journal of Solid State Electrochemistry, 2019, 25, 45-56.	2.3	87
63	Structure and activity of metal-centered coordination sites in pyrolyzed metalâ€“nitrogenâ€“carbon catalysts for the electrochemical reduction of O2. Current Opinion in Electrochemistry, 2018, 9, 198-206.	4.4	56
64	Cobalt hexacyanoferrate supported on Sb-doped SnO₂as a non-noble catalyst for oxygen evolution in acidic medium. Sustainable Energy and Fuels, 2018, 2, 589-597.	4.0	48
65	The Achilles' heel of iron-based catalysts during oxygen reduction in an acidic medium. Energy and Environmental Science, 2018, 11, 3176-3182.	30.6	435
66	Stabilization of Iron-Based Fuel Cell Catalysts by Non-Catalytic Platinum. Journal of the Electrochemical Society, 2018, 165, F1084-F1091.	3.1	41
67	Physical and Chemical Considerations for Improving Catalytic Activity and Stability of Non-Precious-Metal Oxygen Reduction Reaction Catalysts. ACS Catalysis, 2018, 8, 11264-11276.	12.9	132
68	Electrocatalysts for Hydrogen Oxidation Reaction in Alkaline Electrolytes. ACS Catalysis, 2018, 8, 6665-6690.	12.9	393
69	Synthesis of highly-active Feâ€“Nâ€“C catalysts for PEMFC with carbide-derived carbons. Journal of Materials Chemistry A, 2018, 6, 14663-14674.	9.3	111
70	Toward Platinum Group Metal-Free Catalysts for Hydrogen/Air Proton-Exchange Membrane Fuel Cells. Johnson Matthey Technology Review, 2018, 62, 231-255.	1.2	113
71	Electrochemical Reduction of CO₂ Catalyzed by Fe-N-C Materials: A Structureâ€“Selectivity Study. ACS Catalysis, 2017, 7, 1520-1525.	12.9	423
72	Unraveling the Nature of Sites Active toward Hydrogen Peroxide Reduction in Feâ€Nâ€C Catalysts. Angewandte Chemie, 2017, 129, 8935-8938.	1.4	18

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73	Unraveling the Nature of Sites Active toward Hydrogen Peroxide Reduction in Feâ€Nâ€C Catalysts. Angewandte Chemie - International Edition, 2017, 56, 8809-8812.	14.1	212
74	Structural Descriptors of Zeoliticâ€"Imidazolate Frameworks Are Keys to the Activity of Feâ€"Nâ€"C Catalysts. Journal of the American Chemical Society, 2017, 139, 453-464.	15.1	193
75	Identification of catalytic sites in cobalt-nitrogen-carbon materials for the oxygen reduction reaction. Nature Communications, 2017, 8, .	13.9	523
76	Minimizing Operando Demetallation of Fe-N-C Electrocatalysts in Acidic Medium. ACS Catalysis, 2016, 6, 3136-3146.	12.9	234
77	Spectroscopic insights into the nature of active sites in ironâ€"nitrogenâ€"carbon electrocatalysts for oxygen reduction in acid. Nano Energy, 2016, 29, 65-82.	16.2	299
78	Special issue section on â€œThe Electrolysis and Fuel Cell Discussions 2015 Conference (EFCD2015): Challenges Towards Zero Platinum for Oxygen Reduction, 13â€"16 September 2015, La Grande Motte, Franceâ€• International Journal of Hydrogen Energy, 2016, 41, 22509.	9.1	0
79	Probing active sites in iron-based catalysts for oxygen electro-reduction: A temperature-dependent 57 Fe MÃ¶ssbauer spectroscopy study. Catalysis Today, 2016, 262, 110-120.	4.8	87
80	Stability of Feâ€Nâ€C Catalysts in Acidic Medium Studied by Operando Spectroscopy. Angewandte Chemie, 2015, 127, 12944-12948.	1.4	43
81	Effect of ZIF-8 Crystal Size on the O2 Electro-Reduction Performance of Pyrolyzed Feâ€"Nâ€"C Catalysts. Catalysts, 2015, 5, 1333-1351.	3.8	47
82	Synergy between molybdenum nitride and gold leading to platinum-like activity for hydrogen evolution. Physical Chemistry Chemical Physics, 2015, 17, 4047-4053.	2.8	38
83	Effect of the Transition Metal on Metalâ€"Nitrogenâ€"Carbon Catalysts for the Hydrogen Evolution Reaction. Journal of the Electrochemical Society, 2015, 162, H719-H726.	3.1	96
84	Nano-structured non-platinum catalysts for automotive fuel cell application. Nano Energy, 2015, 16, 293-300.	16.2	200
85	Highly active oxygen reduction non-platinum group metal electrocatalyst without direct metalâ€"nitrogen coordination. Nature Communications, 2015, 6, .	13.9	637
86	Degradation by Hydrogen Peroxide of Metal-Nitrogen-Carbon Catalysts for Oxygen Reduction. Journal of the Electrochemical Society, 2015, 162, H403-H414.	3.1	184
87	Identification of catalytic sites for oxygen reduction in iron- and nitrogen-doped grapheneÂmaterials. Nature Materials, 2015, 14, 937-942.	35.1	2,012
88	Effect of Furfuryl Alcohol on Metal Organic Framework-based Fe/N/C Electrocatalysts for Polymer Electrolyte Membrane Fuel Cells. Electrochimica Acta, 2014, 119, 192-205.	5.3	73
89	Degradation of Fe/N/C catalysts upon high polarization in acid medium. Physical Chemistry Chemical Physics, 2014, 16, 18454-18462.	2.8	205
90	Oxygen reduction activities compared in rotating-disk electrode and proton exchange membrane fuel cells for highly active FeNC catalysts. Electrochimica Acta, 2013, 87, 619-628.	5.3	120

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91	Optimized Synthesis of Fe/N/C Cathode Catalysts for PEM Fuel Cells: A Matter of Ironâ€“Ligand Coordination Strength. Angewandte Chemie, 2013, 125, 7005-7008.	1.4	52
92	Metal organic frameworks for electrochemical applications. Energy and Environmental Science, 2012, 5, 9269.	30.6	840
93	Structure of the catalytic sites in Fe/N/C-catalysts for O2-reduction in PEM fuel cells. Physical Chemistry Chemical Physics, 2012, 14, 11673.	2.8	683
94	Unveiling N-Protonation and Anion-Binding Effects on Fe/N/C Catalysts for O₂ Reduction in Proton-Exchange-Membrane Fuel Cells. Journal of Physical Chemistry C, 2011, 115, 16087-16097.	3.1	344
95	Recent advances in non-precious metal catalysis for oxygen-reduction reaction in polymer electrolyte fuelcells. Energy and Environmental Science, 2011, 4, 114-130.	30.6	1,536
96	Iron-based cathode catalyst with enhanced power density in polymer electrolyte membrane fuel cells. Nature Communications, 2011, 2, .	13.9	1,375
97	Application of iron-based cathode catalysts in a microbial fuel cell. Electrochimica Acta, 2011, 56, 1505-1511.	5.3	115
98	Fe-based catalysts for oxygen reduction in proton exchange membrane fuel cells with cyanamide as nitrogen precursor and/or pore-filler. Electrochimica Acta, 2011, 56, 3276-3285.	5.3	37
99	Iron porphyrin-based cathode catalysts for polymer electrolyte membrane fuel cells: Effect of NH3 and Ar mixtures as pyrolysis gases on catalytic activity and stability. Electrochimica Acta, 2010, 55, 6450-6461.	5.3	107
100	Electrochemical Evidence of Two Types of Active Sites for Oxygen Reduction in Fe-based Catalysts. ECS Transactions, 2009, 25, 117-128.	0.5	20
101	Iron-based Catalysts for Oxygen Reduction in PEM Fuel Cells: Expanded Study Using the Pore-filling Method. ECS Transactions, 2009, 25, 105-115.	0.5	14
102	Iron porphyrin-based cathode catalysts for PEM fuel cells: Influence of pyrolysis gas on activity and stability. Electrochimica Acta, 2009, 54, 6622-6630.	5.3	111
103	pH-effect on oxygen reduction activity of Fe-based electro-catalysts. Electrochemistry Communications, 2009, 11, 1986-1989.	3.9	124
104	O₂ Reduction Mechanism on Non-Noble Metal Catalysts for PEM Fuel Cells. Part II: A Porous-Electrode Model To Predict the Quantity of H₂O₂ Detected by Rotating Ring-Disk Electrode. Journal of Physical Chemistry C, 2009, 113, 15433-15443.	3.1	65
105	Iron-Based Catalysts with Improved Oxygen Reduction Activity in Polymer Electrolyte Fuel Cells. Science, 2009, 324, 71-74.	37.0	3,054
106	Cross-Laboratory Experimental Study of Non-Noble-Metal Electrocatalysts for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2009, 1, 1623-1639.	8.0	694
107	O₂ Reduction Mechanism on Non-Noble Metal Catalysts for PEM Fuel Cells. Part I: Experimental Rates of O₂ Electroreduction, H₂O₂ Electroreduction, and H₂O₂ Disproportionation. Journal of Physical Chemistry C, 2009, 113, 15422-15432.	3.1	184
108	Fe/N/C non-precious catalysts for PEM fuel cells: Influence of the structural parameters of pristine commercial carbon blacks on their activity for oxygen reduction. Electrochimica Acta, 2008, 53, 2925-2938.	5.3	295

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109	Increasing the activity of Fe/N/C catalysts in PEM fuel cell cathodes using carbon blacks with a high-disordered carbon content. Electrochimica Acta, 2008, 53, 6881-6889.	5.3	95
110	Non-Noble Electrocatalysts for O2 Reduction:â€‰ How Does Heat Treatment Affect Their Activity and Structure? Part II. Structural Changes Observed by Electron Microscopy, Raman, and Mass Spectroscopy. Journal of Physical Chemistry C, 2007, 111, 5971-5976.	3.1	82
111	Non-Noble Electrocatalysts for O2 Reduction:â€‰ How Does Heat Treatment Affect Their Activity and Structure? Part I. Model for Carbon Black Gasification by NH3:â€‰ Parametric Calibration and Electrochemical Validation. Journal of Physical Chemistry C, 2007, 111, 5963-5970.	3.1	90
112	Average turn-over frequency of O2 electro-reduction for Fe/N/C and Co/N/C catalysts in PEFCs. Electrochimica Acta, 2007, 52, 5975-5984.	5.3	175
113	Heat-Treated Fe/N/C Catalysts for O2Electroreduction:Â Are Active Sites Hosted in Micropores?. Journal of Physical Chemistry B, 2006, 110, 5553-5558.	2.8	597
114	Oxygen reduction by Fe-based catalysts in PEM fuel cell conditions: Activity and selectivity of the catalysts obtained with two Fe precursors and various carbon supports. Electrochimica Acta, 2006, 51, 3202-3213.	5.3	262
115	Fe-Based Catalyst for Oxygen Reduction: Functionalization of Carbon Black and Importance of the Microporosity. ECS Transactions, 2006, 3, 201-210.	0.5	7
116	Fe-Based Catalysts for Oxygen Reduction in PEMFCs. Journal of the Electrochemical Society, 2006, 153, A689.	3.1	253
117	Adhesive copper films for an air-breathing polymer electrolyte fuel cell. Journal of Power Sources, 2005, 144, 113-121.	8.0	29
118	Investigation of mass transport in gas diffusion layer at the air cathode of a PEMFC. Electrochimica Acta, 2005, 51, 474-488.	5.3	121
119	Influence of the composition on the structure and electrochemical characteristics of the PEFC cathode. Electrochimica Acta, 2003, 48, 4175-4187.	5.3	165
120	Transient Techniques for Investigating Mass-Transport Limitations in Gas Diffusion Electrodes. Journal of the Electrochemical Society, 2003, 150, A1711.	3.1	66
121	Transient Techniques for Investigating Mass-Transport Limitations in Gas Diffusion Electrodes. Journal of the Electrochemical Society, 2003, 150, A1699.	3.1	122
122	Oxygen Reduction Catalysts for Polymer Electrolyte Fuel Cells from the Pyrolysis of Iron Acetate Adsorbed on Various Carbon Supports. Journal of Physical Chemistry B, 2003, 107, 1376-1386.	2.8	365
123	Investigation of Mass-Transport Limitations in the Solid Polymer Fuel Cell Cathode. Journal of the Electrochemical Society, 2002, 149, A448.	3.1	117
124	Investigation of Mass-Transport Limitations in the Solid Polymer Fuel Cell Cathode. Journal of the Electrochemical Society, 2002, 149, A437.	3.1	230
125	A novel polymer electrolyte fuel cell for laboratory investigations and in-situ contact resistance measurements. Electrochimica Acta, 2001, 46, 2899-2911.	5.3	151