

Kohei Miyazaki

List of Publications by Year in Descending Order

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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

1,729
citations

24
h-index

37
g-index

139
ext. papers

1,973
ext. citations

4.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
121	Influence of Chemical Operation on the Electrocatalytic Activity of Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ for the Oxygen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 010518	3.9	0
120	Impact of Hydrogen Peroxide on Carbon Corrosion in Aqueous KOH Solution. <i>Electrochemistry</i> , 2022 , 90, 017011-017011	1.2	0
119	Functional Role of Aramid Coated Separator for Dendrite Suppression in Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 010536	3.9	2
118	Electrochemical properties of Ni-rich LiNi _x Co _y Mn _z O ₂ materials for use in aqueous lithium-ion batteries: How do they differ from those in non-aqueous systems?. <i>Journal of Power Sources</i> , 2022 , 524, 231081	8.9	0
117	Effects of Solvation Structures on the Co-intercalation Suppression Ability of the Solid Electrolyte Interphase Formed on Graphite Electrodes. <i>Chemistry Letters</i> , 2022 , 51, 618-621	1.7	1
116	Fluoride Ion-Selective Electrode for Organic Solutions. <i>Analytical Chemistry</i> , 2021 , 93, 15058-15062	7.8	0
115	Cathode-Electrolyte-Interphase Film Formation on a LiNiO ₂ Surface in Conventional Aqueous Electrolytes: Simple Method to Improve the Electrochemical Performance of LiNiO ₂ Electrodes for Use in Aqueous Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2021 , 11, 2100756	21.8	4
114	Influence of Concentrations of LiNO ₃ Aqueous Electrolytes on Initial Electrochemical Properties of LiNiO ₂ Electrodes. <i>Chemistry Letters</i> , 2021 , 50, 1071-1074	1.7	1
113	Reaction analysis of aqueous-based energy storage devices with electrode modeling. <i>Review of Polarography</i> , 2021 , 67, 19-24	0.2	1
112	Electrochemical properties of surface-modified hard carbon electrodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2021 , 379, 138175	6.7	1
111	Molecular Structural Influence of Glymes on Co-Intercalation Behavior of Solvated Li ⁺ in Graphite Electrodes. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 060525	3.9	2
110	Electrochemical Lithiation/Delithiation of ZnO in 3D-Structured Electrodes: Elucidating the Mechanism and the Solid Electrolyte Interphase Formation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 35625-35638	9.5	2
109	Components: metal-air batteries 2021 , 11-21		
108	Operando analysis of graphite intercalation compounds with fluoride-containing polyatomic anions in aqueous solutions. <i>Materials Advances</i> , 2021 , 2, 2310-2317	3.3	1
107	Kinetic properties of sodium-ion transfer at the interface between graphitic materials and organic electrolyte solutions. <i>Journal of Applied Electrochemistry</i> , 2021 , 51, 629-638	2.6	4
106	Li-Ion Batteries: Cathode-Electrolyte-Interphase Film Formation on a LiNiO ₂ Surface in Conventional Aqueous Electrolytes: Simple Method to Improve the Electrochemical Performance of LiNiO ₂ Electrodes for Use in Aqueous Li-Ion Batteries (Adv. Energy Mater. 25/2021). <i>Advanced Energy Materials</i> , 2021 , 11, 2170094	21.8	
105	Sodium/Lithium-Ion Transfer Reaction at the Interface between Low-Crystallized Carbon Nanosphere Electrodes and Organic Electrolytes. <i>ACS Omega</i> , 2021 , 6, 18737-18744	3.9	2

104	Stabilizing the Nanosurface of LiNiO Electrodes by Varying the Electrolyte Concentration: Correlation with Initial Electrochemical Behaviors for Use in Aqueous Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 44284-44293	9.5	1
103	Complementary Actions of Tungsten Oxides and Carbon to Catalyze the Redox Reaction of VO ₂ ⁺ /VO ₂ ⁺ in Vanadium Redox Flow Batteries. <i>ChemElectroChem</i> , 2021 , 8, 3695	4.3	0
102	Electrochemical Surface Analysis of LiMn ₂ O ₄ Thin-film Electrodes in LiPF ₆ /Propylene Carbonate at Room and Elevated Temperatures. <i>Electrochemistry</i> , 2021 , 89, 19-24	1.2	3
101	Concentrated Sodium Bis(fluorosulfonyl)amide Aqueous Electrolyte Solutions for Electric Double-layer Capacitors. <i>Electrochemistry</i> , 2020 , 88, 91-93	1.2	2
100	Implications of Testing a Zinc-Oxygen Battery with Zinc Foil Anode Revealed by Operando Gas Analysis. <i>ACS Omega</i> , 2020 , 5, 626-633	3.9	11
99	Solvated Lithium Ion Intercalation Behavior of Graphitized Carbon Nanospheres. <i>Electrochemistry</i> , 2020 , 88, 79-82	1.2	2
98	In Situ Local pH Measurements with Hydrated Iridium Oxide Ring Electrodes in Neutral pH Aqueous Solutions. <i>Chemistry Letters</i> , 2020 , 49, 195-198	1.7	4
97	Bifunctional Oxygen Electrodes with Highly Step-Enriched Surface of Fe _N x Containing Carbonaceous Thin Film. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 060504	3.9	6
96	Effect of Electrolyte Additives on Kinetic Parameters of Lithium-ion Transfer Reactions at Electrolyte/Graphite Interface. <i>Electrochemistry</i> , 2020 , 88, 365-368	1.2	3
95	Study on the Analysis of the Current-potential Curve of RDE in Electrocatalytic Reactions. <i>Review of Polarography</i> , 2020 , 66, 77-84	0.2	
94	Lithium-ion Transfer Kinetics through Solid Electrolyte Interphase on Graphite Electrodes. <i>Electrochemistry</i> , 2020 , 88, 69-73	1.2	6
93	Surface-Modified Li ₄ Ti ₅ O ₁₂ in Highly Concentrated Aqueous Solutions for Use in Aqueous Rechargeable Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 120512	3.9	
92	Interfacial lithium-ion transfer between the graphite negative electrode and the electrolyte solution. <i>Tanso</i> , 2020 , 2020, 9-14	0.1	
91	Charge-Transfer Kinetics of The Solid-Electrolyte Interphase on Li Ti O Thin-Film Electrodes. <i>ChemSusChem</i> , 2020 , 13, 4041-4050	8.3	13
90	Reproducible and stable cycling performance data on secondary zinc oxygen batteries. <i>Scientific Data</i> , 2020 , 7, 395	8.2	2
89	Mechanism of the Loss of Capacity of LiNiO Electrodes for Use in Aqueous Li-Ion Batteries: Unveiling a Fundamental Cause of Deterioration in an Aqueous Electrolyte through Raman Observation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56076-56085	9.5	8
88	Charge-Transfer Kinetics of the Solid-Electrolyte Interphase on Li Ti O Thin-Film Electrodes. <i>ChemSusChem</i> , 2020 , 13, 3944	8.3	
87	What insertion species is electrochemically intercalated into the LiNiO ₂ electrode in aqueous solutions?. <i>Journal of Power Sources</i> , 2020 , 477, 229036	8.9	6

86	Dual-Site Catalysis of Fe-Incorporated Oxochlorides as Oxygen Evolution Electrocatalysts. <i>Chemistry of Materials</i> , 2020 , 32, 8195-8202	9.6	8
85	Electrochemical intercalation of bis(fluorosulfonyl)amide anions into graphite from aqueous solutions. <i>Electrochemistry Communications</i> , 2019 , 100, 26-29	5.1	33
84	In situ Raman spectroscopic analysis of solvent co-intercalation behavior into a solid electrolyte interphase-covered graphite electrode. <i>Journal of Applied Electrochemistry</i> , 2019 , 49, 639-646	2.6	12
83	Sodium-ion Intercalation Behavior of Graphitized Carbon Nanospheres Covered with Basal Plane. <i>Chemistry Letters</i> , 2019 , 48, 799-801	1.7	2
82	In Situ Measurement of Local pH at Working Electrodes in Neutral pH Solutions by the Rotating Ring-Disk Electrode Technique. <i>ChemElectroChem</i> , 2019 , 6, 4750-4756	4.3	13
81	Nanosopic Combination of Edge and Flat Planes in the Active Site for Oxygen Reduction and Evolution. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4117-4121	2.3	5
80	Investigation of Electrochemical Sodium-Ion Intercalation Behavior into Graphite-Based Electrodes. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A5323-A5327	3.9	15
79	Lithium-Ion Intercalation by Calcium-Ion Addition in Propylene Carbonate-Trimethyl Phosphate Electrolyte Solution. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A349-A354	3.9	5
78	Lithium-ion intercalation and deintercalation behaviors of graphitized carbon nanospheres. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1128-1137	13	19
77	Observation of the intercalation of dimethyl sulfoxide-solvated lithium ion into graphite and decomposition of the ternary graphite intercalation compound using in situ Raman spectroscopy. <i>Electrochimica Acta</i> , 2018 , 265, 41-46	6.7	21
76	Electrochemical Behavior of Graphitized Carbon Nanospheres in a Propylene Carbonate-Based Electrolyte Solution. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A2247-A2254	3.9	3
75	Electrochemical behaviors of carbonaceous materials in alkaline aqueous solutions. <i>Tanso</i> , 2018 , 2018, 118-123	0.1	1
74	Characterization of the Interface between LiMn2O4 Thin-film Electrode and LiBOB-based Electrolyte Solution by Redox Reaction of Ferrocene. <i>Electrochemistry</i> , 2018 , 86, 254-259	1.2	3
73	Origin of the Electrochemical Stability of Aqueous Concentrated Electrolyte Solutions. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A3299-A3303	3.9	50
72	Local Current Distributions on Electrodes Covered with Anion-exchange Films. <i>Chemistry Letters</i> , 2018 , 47, 171-174	1.7	1
71	Towards zinc-oxygen batteries with enhanced cycling stability: The benefit of anion-exchange ionomer for zinc sponge anodes. <i>Journal of Power Sources</i> , 2018 , 395, 195-204	8.9	48
70	Investigation of the Surface State of LiCoO2 Thin-Film Electrodes Using a Redox Reaction of Ferrocene. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A555-A559	3.9	7
69	Strontium cobalt oxochlorides: enhanced electrocatalysts for oxygen reduction and evolution reactions. <i>Chemical Communications</i> , 2017 , 53, 2713-2716	5.8	15

68	Influence of carbonaceous materials on electronic conduction in electrode-slurry. <i>Carbon</i> , 2017 , 122, 202-206	10.4	17
67	Investigation on Surface-Film Formation Behavior of LiMn ₂ O ₄ Thin-Film Electrodes in LiClO ₄ /Propylene Carbonate. <i>ChemistrySelect</i> , 2017 , 2, 2895-2900	1.8	5
66	Development of New Electronic Conductivity Measurement Method for Lithium-ion Battery Electrode Slurry. <i>Chemistry Letters</i> , 2017 , 46, 892-894	1.7	7
65	In Situ AFM Observation of Surface Morphology of Highly Oriented Pyrolytic Graphite in Propylene Carbonate-Based Electrolyte Solutions Containing Lithium and Bivalent Cations. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A48-A53	3.9	12
64	Insight into the state of the ZrO ₂ coating on a LiCoO ₂ thin-film electrode using the ferrocene redox reaction. <i>Journal of Applied Electrochemistry</i> , 2017 , 47, 1203-1211	2.6	7
63	Direct measurements of local current distributions on electrodes covered with thin liquid electrolyte films. <i>Electrochemistry Communications</i> , 2017 , 84, 53-56	5.1	7
62	Acceptor-type hydroxide graphite intercalation compounds electrochemically formed in high ionic strength solutions. <i>Chemical Communications</i> , 2017 , 53, 10034-10037	5.8	4
61	Investigation of Electronic Resistance in Lithium-Ion Batteries by AC Impedance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A3862-A3867	3.9	15
60	Permeation of Polymethoxyflavones into the Mouse Brain and Their Effect on MK-801-Induced Locomotive Hyperactivity. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	13
59	Electrochemical Behavior of Spinel Lithium Titanate in Ionic Liquid/Water Bilayer Electrolyte. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A2497-A2500	3.9	3
58	In situ Raman investigation of electrolyte solutions in the vicinity of graphite negative electrodes. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 27486-27492	3.6	20
57	Influence of surfactants as additives to electrolyte solutions on zinc electrodeposition and potential oscillation behavior. <i>Journal of Applied Electrochemistry</i> , 2016 , 46, 1067-1073	2.6	21
56	Influence of Surface Orientation on the Catalytic Activities of La _{0.8} Sr _{0.2} CoO ₃ Crystal Electrodes for Oxygen Reduction and Evolution Reactions. <i>ChemElectroChem</i> , 2016 , 3, 214-217	4.3	15
55	Effect of the Addition of Bivalent Ions on Electrochemical Lithium-Ion Intercalation at Graphite Electrodes. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A1693-A1696	3.9	11
54	Enhanced resistance to oxidative decomposition of aqueous electrolytes for aqueous lithium-ion batteries. <i>Chemical Communications</i> , 2016 , 52, 4979-82	5.8	25
53	Electrochemical Intercalation of Bis(fluorosulfonyl)amide Anion into Graphite. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A499-A503	3.9	24
52	Ion Transport in Organic Electrolyte Solution through the Pore Channels of Anodic Nanoporous Alumina Membranes. <i>Electrochimica Acta</i> , 2016 , 199, 380-387	6.7	21
51	Electrochemical properties of LiCoPO ₄ -thin film electrodes in LiF-based electrolyte solution with anion receptors. <i>Journal of Power Sources</i> , 2016 , 306, 753-757	8.9	26

50	Investigation of the Surface Film Forming Process on Nongraphitizable Carbon Electrodes by In-situ Atomic Force Microscopy. <i>Electrochemistry</i> , 2016 , 84, 769-771	1.2	3
49	Suppression of Co-Intercalation Reaction of Propylene Carbonate and Lithium Ion into Graphite Negative Electrode by Addition of Diglyme. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A1265-A1269	3.9	15
48	Solid electrolyte interphase formation in propylene carbonate-based electrolyte solutions for lithium-ion batteries based on the Lewis basicity of the co-solvent and counter anion. <i>Journal of Applied Electrochemistry</i> , 2016 , 46, 1099-1107	2.6	7
47	Lithium-ion transfer at the interfaces between LiCoO ₂ and LiMn ₂ O ₄ thin film electrodes and organic electrolytes. <i>Journal of Power Sources</i> , 2015 , 294, 460-464	8.9	26
46	Electrochemical Performances of Zinc Oxide Electrodes Coated with Layered Double Hydroxides in Alkaline Solutions. <i>Chemistry Letters</i> , 2015 , 44, 1359-1361	1.7	3
45	Investigations of Electrochemically Active Regions in Bifunctional Air Electrodes Using Partially Immersed Platinum Electrodes. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A1646-A1653	3.9	14
44	Catalytic Roles of Perovskite Oxides in Electrochemical Oxygen Reactions in Alkaline Media. <i>Journal of the Electrochemical Society</i> , 2014 , 161, F694-F697	3.9	48
43	Lithium-Ion Transfer at the Interface between High Potential Negative Electrodes and Ionic Liquids. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A1939-A1942	3.9	16
42	Electrocatalysts and Triple-Phase Boundary for Anion-Exchange Membrane Fuel Cells. <i>Electrochemistry</i> , 2014 , 82, 730-735	1.2	10
41	New Magnesium-ion Conductive Electrolyte Solution Based on Triglyme for Reversible Magnesium Metal Deposition and Dissolution at Ambient Temperature. <i>Chemistry Letters</i> , 2014 , 43, 1788-1790	1.7	51
40	3.???. <i>Electrochemistry</i> , 2014 , 82, 181-185	1.2	
39	Kinetics of Lithium-Ion Transfer at the Interface between Li ₄ Ti ₅ O ₁₂ Thin Films and Organic Electrolytes. <i>ECS Electrochemistry Letters</i> , 2014 , 3, A83-A86		27
38	Electrochemical lithium ion intercalation into graphite electrode in propylene carbonate-based electrolytes with dimethyl carbonate and calcium salt. <i>Journal of Power Sources</i> , 2013 , 238, 65-68	8.9	18
37	Hierarchically porous monoliths of oxygen-deficient anatase TiO _{2-x} with electronic conductivity. <i>RSC Advances</i> , 2013 , 3, 7205	3.7	9
36	Electrochemical preparation of a lithium-graphite-intercalation compound in a dimethyl sulfoxide-based electrolyte containing calcium ions. <i>Carbon</i> , 2013 , 57, 232-238	10.4	15
35	Structural insights into ion conduction of layered double hydroxides with various proportions of trivalent cations. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 14569	13	15
34	Fabrication of Step-edge-decorated Graphite Electrodes with Platinum and Their Electrocatalytic Activities. <i>Chemistry Letters</i> , 2013 , 42, 606-608	1.7	2
33	Electrochemical properties of carbon nanofibers as the negative electrode in lithium-ion batteries. <i>Tanso</i> , 2013 , 2013, 52-56	0.1	

32	Electrochemical Intercalation/De-Intercalation of Lithium Ions at Graphite Negative Electrode in TMP-Based Electrolyte Solution. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A2089-A2091	3.9	28
31	Surface Modification of Graphitized Carbonaceous Thin-Film Electrodes with Silver for Enhancement of Interfacial Lithium-Ion Transfer. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 12422-12425 ^{3,8}	3.8	15
30	Formation of "fuzzy" phases with high proton conductivities in the composites of polyphosphoric acid and metal oxide nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 11135-8	3.6	6
29	Electrochemical characterization of single-layer MnO ₂ nanosheets as a high-capacitance pseudocapacitor electrode. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14691		46
28	Influences of metal oxides on carbon corrosion under imposed electrochemical potential conditions. <i>Carbon</i> , 2012 , 50, 1644-1649	10.4	2
27	Effect of Graphite Orientation and Lithium Salt on Electronic Passivation of Highly Oriented Pyrolytic Graphite. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A634-A641	3.9	42
26	Suppression of Dendrite Formation of Zinc Electrodes by the Modification of Anion-Exchange Ionomer. <i>Electrochemistry</i> , 2012 , 80, 725-727	1.2	46
25	Effects of Addition of Layered Double Hydroxide to Air Electrodes for Metal-Air Batteries. <i>Electrochemistry</i> , 2012 , 80, 728-730	1.2	4
24	Degradation phenomena of carbonaceous materials in polymer electrolyte fuel cells. <i>Tanso</i> , 2012 , 2012, 18-25	0.1	1
23	Facile Preparation of Monolithic LiFePO ₄ /Carbon Composites with Well-Defined Macropores for a Lithium-Ion Battery. <i>Chemistry of Materials</i> , 2011 , 23, 5208-5216	9.6	77
22	Single-step synthesis of nano-sized perovskite-type oxide/carbon nanotube composites and their electrocatalytic oxygen-reduction activities. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1913-1917		41
21	Electrochemical properties of graphite electrode in propylene carbonate-based electrolytes containing lithium and calcium ions. <i>Electrochimica Acta</i> , 2011 , 56, 10450-10453	6.7	29
20	Electrochemical oxidation of ethylene glycol on Pt-based catalysts in alkaline solutions and quantitative analysis of intermediate products. <i>Electrochimica Acta</i> , 2011 , 56, 7610-7614	6.7	42
19	Cyclosporine A causes maturation failure in embryonic-type glomeruli persisting after birth. <i>Journal of Nephrology</i> , 2011 , 24, 474-81	4.8	4
18	Aminated Perfluorosulfonic Acid Ionomers to Improve the Triple Phase Boundary Region in Anion-Exchange Membrane Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2010 , 157, A1153	3.9	10
17	Electrochemical Lithium Intercalation into Graphite in Dimethyl Sulfoxide-Based Electrolytes: Effect of Solvation Structure of Lithium Ion. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 11680-11685	3.8	125
16	Role of edge orientation in kinetics of electrochemical intercalation of lithium-ion at graphite. <i>Langmuir</i> , 2010 , 26, 14990-4	4	32
15	A patient with Henoch-Schlelein purpura manifesting unusual symptoms and clinical course. <i>Journal of Clinical Rheumatology</i> , 2010 , 16, 338-40	1.1	2

14	Lithium-ion Transfer at the Interface between Solid and Liquid Electrolytes under Applying DC Voltage. <i>Chemistry Letters</i> , 2010 , 39, 826-827	1.7	7
13	Use of layered double hydroxides to improve the triple phase boundary in anion-exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2010 , 195, 6500-6503	8.9	36
12	A tubulointerstitial nephritis antigen gene defect causes childhood-onset chronic renal failure. <i>Pediatric Nephrology</i> , 2010 , 25, 1349-53	3.2	15
11	Novel Graphitised Carbonaceous Materials for Use as a Highly Corrosion-Tolerant Catalyst Support in Polymer Electrolyte Fuel Cells. <i>Fuel Cells</i> , 2010 , 10, 960-965	2.9	7
10	Ion-solvent interaction for lithium-ion transfer at the interface between carbonaceous thin-film electrode and electrolyte. <i>Tanso</i> , 2010 , 2010, 188-191	0.1	7
9	Electrochemical Oxidation of Highly Oriented Pyrolytic Graphite in Sulphuric Acid Solution under Potential Pulse Condition. <i>Fuel Cells</i> , 2009 , 9, 284-290	2.9	24
8	Lactone Formation on Carbonaceous Materials during Electrochemical Oxidation. <i>Chemistry Letters</i> , 2009 , 38, 788-789	1.7	9
7	Perovskite-type oxides $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ for cathode catalysts in direct ethylene glycol alkaline fuel cells. <i>Journal of Power Sources</i> , 2008 , 178, 683-686	8.9	60
6	Electrochemical oxidation of highly oriented pyrolytic graphite during potential cycling in sulfuric acid solution. <i>Journal of Power Sources</i> , 2008 , 185, 740-746	8.9	55
5	Novel Anode Catalyst Containing Gold Nanoparticles for Use in Direct Methanol Fuel Cells. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 3171-3174	3.8	33
4	Electrochemical effect of gold nanoparticles on Pt/Fe ₂ O ₃ /C for use in methanol oxidation in alkaline solution. <i>Electrochimica Acta</i> , 2007 , 52, 3582-3587	6.7	12
3	Influence of Supporting Materials on Catalytic Activities of Gold Nanoparticles as CO-Tolerant Catalysts in DMFC. <i>Electrochemistry</i> , 2007 , 75, 217-220	1.2	5
2	Electro-oxidation of Methanol on Gold Nanoparticles Supported on PtMoO _x . <i>Journal of the Electrochemical Society</i> , 2005 , 152, A1870	3.9	18
1	Alkali Metal Ion Insertion and Extraction on Non-Graphitizable Carbon with Closed Pore Structures. <i>Journal of the Electrochemical Society</i> ,	3.9	1