Yao Zheng

List of Publications by Year in Descending Order

135 papers	28,820 citations	72 h-index	148 g-index
148 ext. papers	34,413 ext. citations	14.5 avg, IF	7.89 L-index

#	Paper	IF	Citations
135	Stabilizing Cu Ions by Solid Solutions to Promote CO Electroreduction to Methane.. *Journal of the American Chemical Society*, **2022**,	16.4	31
134	Natural DNA-assisted ultrafine FeP embedded in N, P-codoped carbons for efficient oxygen reduction, hydrogen evolution and rechargeable zinc-air battery. *Carbon*, **2022**, 186, 171-179	10.4	5
133	Natural DNA-derived highly-graphitic N, P, S-tridoped carbon nanosheets for multiple electrocatalytic applications. *Chemical Engineering Journal*, **2022**, 429, 132102	14.7	6
132	Customizing the microenvironment of CO 2 electrocatalysis via three-phase interface engineering. *SmartMat*, **2022**, 3, 111-129	22.8	2
131	An organic-inorganic hybrid strategy to fabricate highly dispersed Fe2C in porous N-Doped carbon for oxygen reduction reaction and rechargeable zinc-air battery. *Carbon*, **2022**, 195, 123-130	10.4	0
130	Metal-metal interactions in correlated single-atom catalysts.. *Science Advances*, **2022**, 8, eabo0762	14.3	18
129	Local Environment Determined Reactant Adsorption Configuration for Enhanced Electrocatalytic Acetone Hydrogenation to Propane. *Angewandte Chemie - International Edition*, **2021**,	16.4	4
128	Molecular Cleavage of Metal-Organic Frameworks and Application to Energy Storage and Conversion. *Advanced Materials*, **2021**, e2104341	24	17
127	Electrocatalytic Refinery for Sustainable Production of Fuels and Chemicals. *Angewandte Chemie*, **2021**, 133, 19724-19742	3.6	5
126	Electrocatalytic Refinery for Sustainable Production of Fuels and Chemicals. *Angewandte Chemie - International Edition*, **2021**, 60, 19572-19590	16.4	93
125	Short-Range Ordered Iridium Single Atoms Integrated into Cobalt Oxide Spinel Structure for Highly Efficient Electrocatalytic Water Oxidation. *Journal of the American Chemical Society*, **2021**, 143, 5201-5211	16.4	98
124	Molecular Scalpel to Chemically Cleave Metal-Organic Frameworks for Induced Phase Transition. *Journal of the American Chemical Society*, **2021**, 143, 6681-6690	16.4	26
123	Efficient Nitrogen Fixation to Ammonia through Integration of Plasma Oxidation with Electrocatalytic Reduction. *Angewandte Chemie - International Edition*, **2021**, 60, 14131-14137	16.4	56
122	Tailoring Acidic Oxygen Reduction Selectivity on Single-Atom Catalysts via Modification of First and Second Coordination Spheres. *Journal of the American Chemical Society*, **2021**, 143, 7819-7827	16.4	126
121	Efficient Nitrogen Fixation to Ammonia through Integration of Plasma Oxidation with Electrocatalytic Reduction. *Angewandte Chemie*, **2021**, 133, 14250-14256	3.6	15
120	Highly Selective Two-Electron Electrocatalytic CO2 Reduction on Single-Atom Cu Catalysts. *Small Structures*, **2021**, 2, 2000058	8.7	44
119	Role of oxygen-bound reaction intermediates in selective electrochemical CO2 reduction. *Energy and Environmental Science*, **2021**, 14, 3912-3930	35.4	27

118	Controlled synthesis of ultrasmall RuP2 particles on N,P-codoped carbon as superior pH-wide electrocatalyst for hydrogen evolution. *Rare Metals*, **2021**, 40, 1040-1047	5.5	12
117	Spatial-confinement induced electroreduction of CO and CO to diols on densely-arrayed Cu nanopyramids. *Chemical Science*, **2021**, 12, 8079-8087	9.4	7
116	Mesoscale Diffusion Enhancement of Carbon-Bowl-Shaped Nanoreactor toward High-Performance Electrochemical HO Production. *ACS Applied Materials & Interfaces*, **2021**, 13, 39763-39771	9.5	12
115	Nickel ferrocyanide as a high-performance urea oxidation electrocatalyst. *Nature Energy*, **2021**, 6, 904-912	62.3	57
114	Key to C production: selective C-C coupling for electrochemical CO reduction on copper alloy surfaces. *Chemical Communications*, **2021**, 57, 9526-9529	5.8	1
113	Directing the selectivity of CO2 electroreduction to target C2 products via non-metal doping on Cu surfaces. *Journal of Materials Chemistry A*, **2021**, 9, 6345-6351	13	12
112	Recent Progress of 3d Transition Metal Single-Atom Catalysts for Electrochemical CO2 Reduction. *Advanced Materials Interfaces*, **2021**, 8, 2001904	4.6	22
111	Electrochemical Reduction of CO2 to Ethane through Stabilization of an Ethoxy Intermediate. *Angewandte Chemie*, **2020**, 132, 19817-19821	3.6	14
110	A simple strategy for tridoped porous carbon nanosheet as superior electrocatalyst for bifunctional oxygen reduction and hydrogen evolution reactions. *Carbon*, **2020**, 162, 586-594	10.4	30
109	Selectivity roadmap for electrochemical CO2 reduction on copper-based alloy catalysts. *Nano Energy*, **2020**, 71, 104601	17.1	65
108	Strategies for design of electrocatalysts for hydrogen evolution under alkaline conditions. *Materials Today*, **2020**, 36, 125-138	21.8	152
107	The Crucial Role of Charge Accumulation and Spin Polarization in Activating Carbon-Based Catalysts for Electrocatalytic Nitrogen Reduction. *Angewandte Chemie*, **2020**, 132, 4555-4561	3.6	4
106	The Crucial Role of Charge Accumulation and Spin Polarization in Activating Carbon-Based Catalysts for Electrocatalytic Nitrogen Reduction. *Angewandte Chemie - International Edition*, **2020**, 59, 4525-4531	16.4	88
105	Electrochemical Reduction of CO to Ethane through Stabilization of an Ethoxy Intermediate. *Angewandte Chemie - International Edition*, **2020**, 59, 19649-19653	16.4	61
104	Isolated Boron Sites for Electroreduction of Dinitrogen to Ammonia. *ACS Catalysis*, **2020**, 10, 1847-1854	13.1	82
103	Molten Salt-Directed Catalytic Synthesis of 2D Layered Transition-Metal Nitrides for Efficient Hydrogen Evolution. *CheM*, **2020**, 6, 2382-2394	16.2	67
102	Graphene-encapsulated nickel-copper bimetallic nanoparticle catalysts for electrochemical reduction of CO to CO. *Chemical Communications*, **2020**, 56, 11275-11278	5.8	13
101	Innentitelbild: Electrochemical Reduction of CO2 to Ethane through Stabilization of an Ethoxy Intermediate (Angew. Chem. 44/2020). *Angewandte Chemie*, **2020**, 132, 19530-19530	3.6	

100	Tailoring Selectivity of Electrochemical Hydrogen Peroxide Generation by Tunable Pyrrolic-Nitrogen-Carbon. *Advanced Energy Materials*, **2020**, 10, 2000789	21.8	108
99	Selectivity Control for Electrochemical CO2 Reduction by Charge Redistribution on the Surface of Copper Alloys. *ACS Catalysis*, **2019**, 9, 9411-9417	13.1	106
98	A computational study on Pt and Ru dimers supported on graphene for the hydrogen evolution reaction: new insight into the alkaline mechanism. *Journal of Materials Chemistry A*, **2019**, 7, 3648-3654	13	86
97	A 2D metal-organic framework/Ni(OH) heterostructure for an enhanced oxygen evolution reaction. *Nanoscale*, **2019**, 11, 3599-3605	7.7	86
96	Impact of Interfacial Electron Transfer on Electrochemical CO Reduction on Graphitic Carbon Nitride/Doped Graphene. *Small*, **2019**, 15, e1804224	11	56
95	Building Up a Picture of the Electrocatalytic Nitrogen Reduction Activity of Transition Metal Single-Atom Catalysts. *Journal of the American Chemical Society*, **2019**, 141, 9664-9672	16.4	390
94	Nitrogen Vacancies on 2D Layered W N : A Stable and Efficient Active Site for Nitrogen Reduction Reaction. *Advanced Materials*, **2019**, 31, e1902709	24	258
93	Breaking the volcano-plot limits for Pt-based electrocatalysts by selective tuning adsorption of multiple intermediates. *Journal of Materials Chemistry A*, **2019**, 7, 13635-13640	13	19
92	Understanding the Roadmap for Electrochemical Reduction of CO to Multi-Carbon Oxygenates and Hydrocarbons on Copper-Based Catalysts. *Journal of the American Chemical Society*, **2019**, 141, 7646-7659	16.4	371
91	Engineering 2D Metal-Organic Framework/MoS Interface for Enhanced Alkaline Hydrogen Evolution. *Small*, **2019**, 15, e1805511	11	105
90	Co (II) Boron Imidazolate Framework with Rigid Auxiliary Linkers for Stable Electrocatalytic Oxygen Evolution Reaction. *Advanced Science*, **2019**, 6, 1801920	13.6	33
89	Syngas production from electrocatalytic CO2 reduction with high energetic efficiency and current density. *Journal of Materials Chemistry A*, **2019**, 7, 7675-7682	13	47
88	Heteroatom-Doped Transition Metal Electrocatalysts for Hydrogen Evolution Reaction. *ACS Energy Letters*, **2019**, 4, 805-810	20.1	188
87	Transition-Metal-Doped RuIr Bifunctional Nanocrystals for Overall Water Splitting in Acidic Environments. *Advanced Materials*, **2019**, 31, e1900510	24	261
86	Electrochemical Nitrogen Reduction: Identification and Elimination of Contamination in Electrolyte. *ACS Energy Letters*, **2019**, 4, 2111-2116	20.1	100
85	Intermediate Modulation on Noble Metal Hybridized to 2D Metal-Organic Framework for Accelerated Water Electrocatalysis. *CheM*, **2019**, 5, 2429-2441	16.2	95
84	Synergistic catalysis between atomically dispersed Fe and a pyrrolic-N-C framework for CO2 electroreduction. *Nanoscale Horizons*, **2019**, 4, 1411-1415	10.8	14
83	Anomalous hydrogen evolution behavior in high-pH environment induced by locally generated hydronium ions. *Nature Communications*, **2019**, 10, 4876	17.4	118

82	Regulating Electrocatalysts via Surface and Interface Engineering for Acidic Water Electrooxidation. *ACS Energy Letters*, **2019**, 4, 2719-2730	20.1	124
81	Two-Dimensional Mosaic Bismuth Nanosheets for Highly Selective Ambient Electrocatalytic Nitrogen Reduction. *ACS Catalysis*, **2019**, 9, 2902-2908	13.1	329
80	Charge-Redistribution-Enhanced Nanocrystalline Ru@IrOx Electrocatalysts for Oxygen Evolution in Acidic Media. *CheM*, **2019**, 5, 445-459	16.2	205
79	Electronic and Structural Engineering of Carbon-Based Metal-Free Electrocatalysts for Water Splitting. *Advanced Materials*, **2019**, 31, e1803625	24	163
78	Polydopamine-Derived, In Situ N-Doped 3D Mesoporous Carbons for Highly Efficient Oxygen Reduction. *ChemNanoMat*, **2018**, 4, 417-422	3.5	15
77	Die Wasserstoffentwicklungsreaktion in alkalischer Lösung: Von der Theorie und Einkristallmodellen zu praktischen Elektrokatalysatoren. *Angewandte Chemie*, **2018**, 130, 7690-7702	3.6	64
76	Strain Effect in Bimetallic Electrocatalysts in the Hydrogen Evolution Reaction. *ACS Energy Letters*, **2018**, 3, 1198-1204	20.1	124
75	NiO as a Bifunctional Promoter for RuO toward Superior Overall Water Splitting. *Small*, **2018**, 14, e1704073	13.3	147
74	Metal-organic framework assisted synthesis of single-atom catalysts for energy applications. *National Science Review*, **2018**, 5, 626-627	10.8	38
73	Emerging Two-Dimensional Nanomaterials for Electrocatalysis. *Chemical Reviews*, **2018**, 118, 6337-6408	68.1	1057
72	N-doping goes sp-hybridized. *Nature Chemistry*, **2018**, 10, 900-902	17.6	12
71	Self-Supported Earth-Abundant Nanoarrays as Efficient and Robust Electrocatalysts for Energy-Related Reactions. *ACS Catalysis*, **2018**, 8, 6707-6732	13.1	240
70	The Hydrogen Evolution Reaction in Alkaline Solution: From Theory, Single Crystal Models, to Practical Electrocatalysts. *Angewandte Chemie - International Edition*, **2018**, 57, 7568-7579	16.4	659
69	Free-standing single-crystalline NiFe-hydroxide nanoflake arrays: a self-activated and robust electrocatalyst for oxygen evolution. *Chemical Communications*, **2018**, 54, 463-466	5.8	91
68	Bronze alloys with tin surface sites for selective electrochemical reduction of CO. *Chemical Communications*, **2018**, 54, 13965-13968	5.8	37
67	Single-Crystal Nitrogen-Rich Two-Dimensional MoN Nanosheets for Efficient and Stable Seawater Splitting. *ACS Nano*, **2018**, 12, 12761-12769	16.7	171
66	Constructing tunable dual active sites on two-dimensional C3N4@MoN hybrid for electrocatalytic hydrogen evolution. *Nano Energy*, **2018**, 53, 690-697	17.1	126
65	A boron imidazolate framework with mechanochromic and electrocatalytic properties. *Materials Horizons*, **2018**, 5, 1151-1155	14.4	36

64	Carbon-Based Electrochemical Oxygen Reduction and Hydrogen Evolution Catalysts **2018**, 403-455		1
63	Polydopamine-inspired nanomaterials for energy conversion and storage. *Journal of Materials Chemistry A*, **2018**, 6, 21827-21846	13	74
62	Charge State Manipulation of Cobalt Selenide Catalyst for Overall Seawater Electrolysis. *Advanced Energy Materials*, **2018**, 8, 1801926	21.8	140
61	Surface and Interface Engineering in Copper-Based Bimetallic Materials for Selective CO2 Electroreduction. *CheM*, **2018**, 4, 1809-1831	16.2	372
60	Molecule-Level g-CN Coordinated Transition Metals as a New Class of Electrocatalysts for Oxygen Electrode Reactions. *Journal of the American Chemical Society*, **2017**, 139, 3336-3339	16.4	816
59	Surface and Interface Engineering of Noble-Metal-Free Electrocatalysts for Efficient Energy Conversion Processes. *Accounts of Chemical Research*, **2017**, 50, 915-923	24.3	672
58	Recent Advances in Atomic Metal Doping of Carbon-based Nanomaterials for Energy Conversion. *Small*, **2017**, 13, 1700191	11	235
57	Promotion of Electrocatalytic Hydrogen Evolution Reaction on Nitrogen-Doped Carbon Nanosheets with Secondary Heteroatoms. *ACS Nano*, **2017**, 11, 7293-7300	16.7	271
56	Direct Growth of Well-Aligned MOF Arrays onto Various Substrates. *CheM*, **2017**, 2, 751-752	16.2	17
55	Engineering High-Energy Interfacial Structures for High-Performance Oxygen-Involving Electrocatalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 8539-8543	16.4	254
54	Engineering High-Energy Interfacial Structures for High-Performance Oxygen-Involving Electrocatalysis. *Angewandte Chemie*, **2017**, 129, 8659-8663	3.6	32
53	Polydopamine-Inspired, Dual Heteroatom-Doped Carbon Nanotubes for Highly Efficient Overall Water Splitting. *Advanced Energy Materials*, **2017**, 7, 1602068	21.8	256
52	Identification of pH-dependent synergy on Ru/MoS interface: a comparison of alkaline and acidic hydrogen evolution. *Nanoscale*, **2017**, 9, 16616-16621	7.7	95
51	Carbon Solving Carbon's Problems: Recent Progress of Nanostructured Carbon-Based Catalysts for the Electrochemical Reduction of CO2. *Advanced Energy Materials*, **2017**, 7, 1700759	21.8	250
50	Activating cobalt(II) oxide nanorods for efficient electrocatalysis by strain engineering. *Nature Communications*, **2017**, 8, 1509	17.4	276
49	Molecular Scaffolding Strategy with Synergistic Active Centers To Facilitate Electrocatalytic CO Reduction to Hydrocarbon/Alcohol. *Journal of the American Chemical Society*, **2017**, 139, 18093-18100	16.4	341
48	High Electrocatalytic Hydrogen Evolution Activity of an Anomalous Ruthenium Catalyst. *Journal of the American Chemical Society*, **2016**, 138, 16174-16181	16.4	586
47	Activity origin and catalyst design principles for electrocatalytic hydrogen evolution on heteroatom-doped graphene. *Nature Energy*, **2016**, 1,	62.3	703

46	Engineering surface atomic structure of single-crystal cobalt (II) oxide nanorods for superior electrocatalysis. *Nature Communications*, **2016**, 7, 12876	17.4	471
45	Determination of the Electron Transfer Number for the Oxygen Reduction Reaction: From Theory to Experiment. *ACS Catalysis*, **2016**, 6, 4720-4728	13.1	327
44	Graphene oxide-polydopamine derived N, S-codoped carbon nanosheets as superior bifunctional electrocatalysts for oxygen reduction and evolution. *Nano Energy*, **2016**, 19, 373-381	17.1	499
43	A nano-engineered graphene/carbon nitride hybrid for photocatalytic hydrogen evolution. *Journal of Energy Chemistry*, **2016**, 25, 225-227	12	9
42	Significant Enhancement of Water Splitting Activity of N-Carbon Electrocatalyst by Trace Level Co Doping. *Small*, **2016**, 12, 3703-11	11	93
41	Pulsed laser deposition of porous N-carbon supported cobalt (oxide) thin films for highly efficient oxygen evolution. *Chemical Communications*, **2016**, 52, 11947-11950	5.8	26
40	Highly active nickel-cobalt/nanocarbon thin films as efficient water splitting electrodes. *Nanoscale*, **2016**, 8, 18507-18515	7.7	47
39	Polydopamine-graphene oxide derived mesoporous carbon nanosheets for enhanced oxygen reduction. *Nanoscale*, **2015**, 7, 12598-605	7.7	96
38	Multifunctional Iron Oxide Nanoflake/Graphene Composites Derived from Mechanochemical Synthesis for Enhanced Lithium Storage and Electrocatalysis. *ACS Applied Materials & Interfaces*, **2015**, 7, 14446-55	9.5	62
37	Ionic liquid-assisted synthesis of N/S-double doped graphene microwires for oxygen evolution and Zn–air batteries. *Energy Storage Materials*, **2015**, 1, 17-24	19.4	59
36	Advancing the electrochemistry of the hydrogen-evolution reaction through combining experiment and theory. *Angewandte Chemie - International Edition*, **2015**, 54, 52-65	16.4	1282
35	A Three-Component Nanocomposite with Synergistic Reactivity for Oxygen Reduction Reaction in Alkaline Solution. *Advanced Energy Materials*, **2015**, 5, 1401186	21.8	31
34	Soft-Templating Synthesis of N-Doped Mesoporous Carbon Nanospheres for Enhanced Oxygen Reduction Reaction. *Chemistry - an Asian Journal*, **2015**, 10, 1546-53	4.5	52
33	Engineering of Carbon-Based Electrocatalysts for Emerging Energy Conversion: From Fundamentality to Functionality. *Advanced Materials*, **2015**, 27, 5372-8	24	216
32	Elektrochemie der Wasserstoffentwicklungsreaktion: Optimierung durch Korrelation von Experiment und Theorie. *Angewandte Chemie*, **2015**, 127, 52-66	3.6	137
31	Design of electrocatalysts for oxygen- and hydrogen-involving energy conversion reactions. *Chemical Society Reviews*, **2015**, 44, 2060-86	58.5	3275
30	Origin of the electrocatalytic oxygen reduction activity of graphene-based catalysts: a roadmap to achieve the best performance. *Journal of the American Chemical Society*, **2014**, 136, 4394-403	16.4	794
29	Hydrogen evolution by a metal-free electrocatalyst. *Nature Communications*, **2014**, 5, 3783	17.4	1572

28	Mesoporous MnCo2O4 with abundant oxygen vacancy defects as high-performance oxygen reduction catalysts. *Journal of Materials Chemistry A*, **2014**, 2, 8676-8682	13	196
27	Observation of active sites for oxygen reduction reaction on nitrogen-doped multilayer graphene. *ACS Nano*, **2014**, 8, 6856-62	16.7	445
26	Toward design of synergistically active carbon-based catalysts for electrocatalytic hydrogen evolution. *ACS Nano*, **2014**, 8, 5290-6	16.7	802
25	Electrocatalytically switchable CO2 capture: first principle computational exploration of carbon nanotubes with pyridinic nitrogen. *ChemSusChem*, **2014**, 7, 435-41	8.3	55
24	Mesoporous hybrid material composed of Mn3O4 nanoparticles on nitrogen-doped graphene for highly efficient oxygen reduction reaction. *Chemical Communications*, **2013**, 49, 7705-7	5.8	226
23	Facile fabrication of core-shell-structured Ag@carbon and mesoporous yolk-shell-structured Ag@carbon@silica by an extended St□er method. *Chemistry - A European Journal*, **2013**, 19, 6942-5	4.8	115
22	Enhanced electrochemical catalytic activity by copper oxide grown on nitrogen-doped reduced graphene oxide. *Journal of Materials Chemistry A*, **2013**, 1, 13179	13	87
21	Two-Step Boron and Nitrogen Doping in Graphene for Enhanced Synergistic Catalysis. *Angewandte Chemie*, **2013**, 125, 3192-3198	3.6	332
20	Two-step boron and nitrogen doping in graphene for enhanced synergistic catalysis. *Angewandte Chemie - International Edition*, **2013**, 52, 3110-6	16.4	776
19	Oxidation Stability of Nanographite Materials. *Advanced Energy Materials*, **2013**, 3, 1176-1179	21.8	17
18	Graphitic carbon nitride materials: controllable synthesis and applications in fuel cells and photocatalysis. *Energy and Environmental Science*, **2012**, 5, 6717	35.4	1385
17	Nanostructured metal-free electrochemical catalysts for highly efficient oxygen reduction. *Small*, **2012**, 8, 3550-66	11	518
16	Facile Oxygen Reduction on a Three-Dimensionally Ordered Macroporous Graphitic C3N4/Carbon Composite Electrocatalyst. *Angewandte Chemie*, **2012**, 124, 3958-3962	3.6	146
15	Facile oxygen reduction on a three-dimensionally ordered macroporous graphitic C3N4/carbon composite electrocatalyst. *Angewandte Chemie - International Edition*, **2012**, 51, 3892-6	16.4	549
14	Study on oxygen activation and methane oxidation over La0.8Sr0.2MnO3 electrode in single-chamber solid oxide fuel cells via an electrochemical approach. *International Journal of Hydrogen Energy*, **2012**, 37, 4328-4338	6.7	3
13	Nanoporous graphitic-C3N4@carbon metal-free electrocatalysts for highly efficient oxygen reduction. *Journal of the American Chemical Society*, **2011**, 133, 20116-9	16.4	869
12	Well-crystallized mesoporous samaria-doped ceria from EDTA-citrate complexing process with in situ created NiO as recyclable template. *Journal of Alloys and Compounds*, **2010**, 491, 271-277	5.7	11
11	Assessment of nickel cermets and La0.8Sr0.2Sc0.2Mn0.8O3 as solid-oxide fuel cell anodes operating on carbon monoxide fuel. *Journal of Power Sources*, **2010**, 195, 1333-1343	8.9	39

10	Cr doping effect in B-site of La0.75Sr0.25MnO3 on its phase stability and performance as an SOFC anode. *Rare Metals*, **2009**, 28, 361-366	5.5	13
9	A comparative study of La0.8Sr0.2MnO3 and La0.8Sr0.2Sc0.1Mn0.9O3 as cathode materials of single-chamber SOFCs operating on a methane–air mixture. *Journal of Power Sources*, **2009**, 191, 225-232	8.9	24
8	A new symmetric solid-oxide fuel cell with La0.8Sr0.2Sc0.2Mn0.8O3-δ perovskite oxide as both the anode and cathode. *Acta Materialia*, **2009**, 57, 1165-1175	8.4	140
7	Activation and Deactivation Kinetics of Oxygen Reduction over a La0.8Sr0.2Sc0.1Mn0.9O3 Cathode. *Journal of Physical Chemistry C*, **2008**, 112, 18690-18700	3.8	15
6	Initialization of a methane-fueled single-chamber solid-oxide fuel cell with NiO+SDC anode and BSCF+SDC cathode. *Journal of Power Sources*, **2008**, 179, 640-648	8.9	32
5	Synthesis and assessment of La0.8Sr0.2ScyMn1−yO3−δ as cathodes for solid-oxide fuel cells on scandium-stabilized zirconia electrolyte. *Journal of Power Sources*, **2008**, 183, 471-478	8.9	41
4	Evaluation of Ba0.5Sr0.5Co0.8Fe0.2O3−δ as a potential cathode for an anode-supported proton-conducting solid-oxide fuel cell. *Journal of Power Sources*, **2008**, 180, 15-22	8.9	138
3	Characterization and optimization of La0.8Sr0.2Sc0.1Mn0.9O3−δ based composite electrodes for intermediate-temperature solid-oxide fuel cells. *Journal of Power Sources*, **2008**, 185, 641-648	8.9	10
2	Mesoporous CoO□ nanosheets for electrochemical production of hydrogen peroxide in acidic medium. *Journal of Materials Chemistry A*,	13	4
1	C3 production from CO2 reduction by concerted *CO trimerization on a single-atom alloy catalyst. *Journal of Materials Chemistry A*,	13	4