

# Bin Lin

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4358565/bin-lin-publications-by-year.pdf>

**Version:** 2024-04-25

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.

107  
papers

3,009  
citations

31  
h-index

50  
g-index

114  
ext. papers

3,523  
ext. citations

6.6  
avg, IF

5.15  
L-index

#	Paper	IF	Citations
107	Phase stability and hydrogen permeation performance of $\text{BaCo}_{0.4}\text{Fe}_{0.4}\text{Zr}_{0.1}\text{Y}_{0.1}\text{O}_{3-\delta}$ ceramic membranes. <i>Ceramics International</i> , <b>2022</b> , 48, 9946-9954	5.1	2
106	Fly ash to improve density and ionic conductivity of solid oxide cell electrolytes. <i>Materials Today Communications</i> , <b>2022</b> , 103546	2.5	0
105	Promoted Performance of Layered Perovskite $\text{PrBaFe}_2\text{O}_{5+\delta}$ Cathode for Protonic Ceramic Fuel Cells by Zn Doping. <i>Catalysts</i> , <b>2022</b> , 12, 488	4	0
104	Nanoengineering electrode for yttria-stabilized zirconia-based symmetrical solid oxide fuel cells to achieve superior output performance. <i>Separation and Purification Technology</i> , <b>2022</b> , 121174	8.3	0
103	Influences of equal A-site rare-deficiency or B-site high-valent metal doping on $\text{NdBaFe}_2\text{O}$ employed as the symmetrical electrode for solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 165368	5.7	0
102	A stable Zr-Y co-doped perovskite $\text{BaCo}_{0.4}\text{Fe}_{0.4}\text{Zr}_{0.1}\text{Y}_{0.1}\text{O}_{3-\delta}$ ceramic membrane for highly efficient oxygen separation. <i>Separation and Purification Technology</i> , <b>2022</b> , 295, 121206	8.3	0
101	CrI/YCH Heterointerface-Induced Stable Half-Metallicity of Two-Dimensional CrI Monolayer Ferromagnets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 16694-16703	9.5	1
100	Predicting Perovskite Performance with Multiple Machine-Learning Algorithms. <i>Crystals</i> , <b>2021</b> , 11, 818	2.3	2
99	Exploiting rare-earth-abundant layered perovskite cathodes of $\text{LnBa}_{0.5}\text{Sr}_{0.5}\text{Co}_{1.5}\text{Fe}_{0.5}\text{O}_{5+\delta}$ (Ln=La and Nd) for SOFCs. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 5630-5641	6.7	12
98	A novel facile strategy to suppress Sr segregation for high-entropy stabilized $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_{3-\delta}$ cathode. <i>Journal of Power Sources</i> , <b>2021</b> , 482, 228959	8.9	33
97	Enhanced ORR activity of A-site deficiency engineered $\text{BaCo}_{0.4}\text{Fe}_{0.4}\text{Zr}_{0.1}\text{Y}_{0.1}\text{O}_{3-\delta}$ cathode in practical YSZ fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 5593-5603	6.7	11
96	A high-entropy perovskite cathode for solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 872, 159633	5.7	12
95	A new in-situ-grown $\text{Ni-Sr}_2\text{WO}_5$ cermet to enhance coking tolerance of direct-hydrocarbon solid oxide fuel cells. <i>Materials Letters</i> , <b>2021</b> , 301, 130301	3.3	1
94	Enhance coking tolerance of high-performance direct carbon dioxide-methane solid oxide fuel cells with an additional internal reforming catalyst. <i>Journal of Power Sources</i> , <b>2021</b> , 512, 230533	8.9	4
93	Highly promoted performance of triple-conducting cathode for YSZ-based SOFC via fluorine anion doping. <i>Ceramics International</i> , <b>2020</b> , 46, 23964-23971	5.1	15
92	Improving stability and electrochemical performance of $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{3-\delta}$ electrode for symmetrical solid oxide fuel cells by Mo doping. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 831, 154711	5.7	11
91	A Zn-Doped $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\delta}$ Perovskite Cathode with Enhanced ORR Catalytic Activity for SOFCs. <i>Catalysts</i> , <b>2020</b> , 10, 235	4	19

90	Highly active self-assembled hybrid catalyst with multiphase heterointerfaces to accelerate cathodic oxygen reduction of intermediate-temperature solid oxide fuel cells. <i>Ceramics International</i> , <b>2020</b> , 46, 9661-9668	5.1	10
89	An efficient and prospective self-assembled hybrid electrocatalyst for symmetrical and reversible solid oxide cells. <i>Electrochimica Acta</i> , <b>2020</b> , 362, 137171	6.7	7
88	One stable electrocatalyst for two evolution reactions by one-pot combustion synthesis. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 22691-22699	6.7	3
87	A simple Ce-doping strategy to enhance stability of hybrid symmetrical electrode for solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 29259-29270	6.7	3
86	New insights into the fractionation of effluent organic matter on diagnosis of key composition affecting advanced phosphate removal by Zr-based nanocomposite. <i>Water Research</i> , <b>2020</b> , 186, 116299	12.5	5
85	Superior trichloroethylene removal from water by sulfide-modified nanoscale zero-valent iron/graphene aerogel composite. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 88, 90-102	6.4	10
84	Ag <sub>2</sub> S Quantum Dots as an Infrared Excited Photocatalyst for Hydrogen Production. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 2751-2759	6.1	30
83	Shaping triple-conducting semiconductor BaCoFeZrYO into an electrolyte for low-temperature solid oxide fuel cells. <i>Nature Communications</i> , <b>2019</b> , 10, 1707	17.4	111
82	An Upgraded Lithium Ion Battery Based on a Polymeric Separator Incorporated with Anode Active Materials. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803627	21.8	31
81	g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> hybrid film on the metal surface, a cheap and efficient sunlight active photoelectrochemical anticorrosion coating. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 12710-12717	2.1	10
80	Alkaline-earth-free quasi-ternary La(Co, Ni, Fe)O <sub>3</sub> perovskite as potential cathode for solid oxide fuel cells. <i>Materials Research Express</i> , <b>2019</b> , 6, 096310	1.7	4
79	Understanding the Surface of g-C <sub>3</sub> N <sub>4</sub> , an Experimental Investigation of the Catalytic Active Site on the Interface. <i>Catalysis Letters</i> , <b>2019</b> , 149, 3296-3303	2.8	1
78	Progress in Ni-based anode materials for direct hydrocarbon solid oxide fuel cells. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 8747-8765	4.3	27
77	Reduced-temperature redox-stable LSM as a novel symmetrical electrode material for SOFCs. <i>Electrochimica Acta</i> , <b>2018</b> , 260, 121-128	6.7	29
76	New Gd-Zn co-doping enhanced mechanical properties of BaZrO <sub>3</sub> proton conductors with high conductivity for IT-SOFCs. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2018</b> , 238-239, 76-82	3.1	6
75	Highly sulfur poisoning-tolerant BaCeO <sub>3</sub> -impregnated La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-δ</sub> cathodes for solid oxide fuel cells. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 435502	3	11
74	Characterization and polarization DRT analysis of a stable and highly active proton-conducting cathode. <i>Ceramics International</i> , <b>2018</b> , 44, 14297-14302	5.1	13
73	Numerical simulation of cell-to-cell performance variation within a syngas-fuelled planar solid oxide fuel cell stack. <i>Applied Thermal Engineering</i> , <b>2017</b> , 114, 653-662	5.8	23

72	A new A-site excessive strategy to improve performance of layered perovskite cathode for intermediate-temperature solid oxide fuel cells. <i>Electrochimica Acta</i> , <b>2017</b> , 231, 686-693	6.7	15
71	Mo-doped Pr <sub>0.6</sub> Sr <sub>0.4</sub> Fe <sub>0.8</sub> Ni <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> as potential electrodes for intermediate-temperature symmetrical solid oxide fuel cells. <i>Electrochimica Acta</i> , <b>2017</b> , 227, 33-40	6.7	55
70	Rational Design of Antifouling Polymeric Nanocomposite for Sustainable Fluoride Removal from NOM-Rich Water. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13363-13371	10.3	50
69	Evaluation of electrical conductivity and oxygen diffusivity of the typical Ruddlesden-Popper oxide Sr <sub>3</sub> Fe <sub>2</sub> O <sub>7-<math>\delta</math></sub> . <i>Ceramics International</i> , <b>2017</b> , 43, 16264-16269	5.1	13
68	CO <sub>2</sub> -Stable Alkaline-Earth-Free Solid Oxide Fuel Cells with Ni <sub>0.7</sub> Co <sub>0.3</sub> O-Ce <sub>0.8</sub> Sm <sub>0.2</sub> O <sub>1.9</sub> Composite Cathodes. <i>ECS Transactions</i> , <b>2017</b> , 78, 489-497	1	
67	Effects of organic acids of different molecular size on phosphate removal by HZO-201 nanocomposite. <i>Chemosphere</i> , <b>2017</b> , 166, 422-430	8.4	32
66	Improved performance of symmetrical solid oxide fuel cells with redox-reversible cermet electrodes. <i>Materials Letters</i> , <b>2017</b> , 188, 413-416	3.3	7
65	Enhanced performance of symmetrical solid oxide fuel cells using a doped ceria buffer layer. <i>Electrochimica Acta</i> , <b>2016</b> , 208, 318-324	6.7	36
64	Ultrathin Cu <sub>2</sub> O as an efficient inorganic hole transporting material for perovskite solar cells. <i>Nanoscale</i> , <b>2016</b> , 8, 6173-9	7.7	157
63	Novel quasi-symmetric solid oxide fuel cells with enhanced electrochemical performance. <i>Journal of Power Sources</i> , <b>2016</b> , 310, 109-117	8.9	32
62	Surface modification of g-C <sub>3</sub> N <sub>4</sub> by hydrazine: Simple way for noble-metal free hydrogen evolution catalysts. <i>Chemical Engineering Journal</i> , <b>2016</b> , 286, 339-346	14.7	57
61	A robust NiO <sub>0.2</sub> Ce <sub>0.8</sub> O <sub>1.9</sub> anode for direct-methane solid oxide fuel cell. <i>Materials Research Bulletin</i> , <b>2015</b> , 71, 1-6	5.1	11
60	A robust carbon tolerant anode for solid oxide fuel cells. <i>Science China Materials</i> , <b>2015</b> , 58, 204-212	7.1	18
59	Layered perovskite oxide Y <sub>0.8</sub> Ca <sub>0.2</sub> BaCoFeO <sub>5-<math>\delta</math></sub> as a novel cathode material for intermediate-temperature solid oxide fuel cells. <i>Journal of Rare Earths</i> , <b>2015</b> , 33, 519-523	3.7	10
58	Surface Functionalization of g-C <sub>3</sub> N <sub>4</sub> : Molecular-Level Design of Noble-Metal-Free Hydrogen Evolution Photocatalysts. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10290-5	4.8	36
57	Frontispiece: Surface Functionalization of g-C <sub>3</sub> N <sub>4</sub> : Molecular-Level Design of Noble-Metal-Free Hydrogen Evolution Photocatalysts. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, n/a-n/a	4.8	1
56	Synthesis and characterization of a Sr <sub>0.95</sub> Y <sub>0.05</sub> TiO <sub>3-<math>\delta</math></sub> based hydrogen electrode for reversible solid oxide cells. <i>RSC Advances</i> , <b>2015</b> , 5, 17000-17006	3.7	4
55	Numerical investigation on impacts on fuel velocity distribution nonuniformity among solid oxide fuel cell unit channels. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 3035-3047	6.7	24

54	A promising cathode for proton-conducting intermediate temperature solid oxide fuel cells: $Y_{0.8}Ca_{0.2}BaCo_4O_{7+x}$ <i>Ceramics International</i> , <b>2015</b> , 41, 6687-6692	5.1	17
53	$(La, Pr)_{0.8}Sr_{0.2}FeO_{3-\delta}Sm_{0.2}Ce_{0.8}O_{2-\delta}$ composite cathode for proton-conducting solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 13665-13670	6.7	21
52	Comparative study of electrochemical properties of different composite cathode materials associated to stable proton conducting $BaZr_{0.7}Pr_{0.1}Y_{0.2}O_{3-\delta}$ electrolyte. <i>Electrochimica Acta</i> , <b>2014</b> , 146, 1-7	6.7	21
51	Potentiality of cobalt-free perovskite $Ba_{0.5}Sr_{0.5}Fe_{0.9}Mo_{0.1}O_{3-\delta}$ as a single-phase cathode for intermediate-to-low-temperature solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 14323-14328	6.7	16
50	PVA-assisted synthesis and characterization of nano-crystalline $La_{3+}$ and $Mg_{2+}$ co-doped $CeO_2$ electrolyte for intermediate-temperature solid oxide fuel cells. <i>Ionics</i> , <b>2013</b> , 19, 343-349	2.7	2
49	Preparation and Investigation of Cu Doped $(Pr_{0.5}Nd_{0.5})_{0.7}Ca_{0.3}CrO_3$ Ceramic Interconnect Materials. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 448-453, 2950-2958	0.3	
48	A cobalt-free $Sm_{0.5}Sr_{0.5}FeO_{3-\delta}BaZr_{0.1}Ce_{0.7}Y_{0.2}O_{3-\delta}$ composite cathode for proton-conducting solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 8630-8634	6.7	31
47	Preparation and characterization of $Ba_{0.5}Sr_{0.5}Fe_{0.9}Ni_{0.1}O_{3-\delta}Sm_{0.2}Ce_{0.8}O_{1.9}$ composite cathode for proton-conducting solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 9830-9835	6.7	10
46	Development of a novel type of composite cathode material for proton-conducting solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 5940-5945	6.7	11
45	Combustion synthesis and characterization of $CuSm$ co-doped $CeO_2$ electrolytes. <i>Journal of the European Ceramic Society</i> , <b>2011</b> , 31, 2365-2376	6	13
44	Mechanical strengthening of Sm-doped $CeO_2$ ceramics by 1 mol% cobalt oxide for solid oxide fuel cell application. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 8402-8405	8.9	4
43	A cobalt-free $Sm_{0.5}Sr_{0.5}Fe_{0.8}Cu_{0.2}O_{3-\delta}Ce_{0.8}Sm_{0.2}O_{2-\delta}$ composite cathode for proton-conducting solid oxide fuel cells. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 2631-2634	8.9	56
42	Stable and easily sintered $(Pr_{0.5}Nd_{0.5})_{0.7}Ca_{0.3}CrO_3/Sm_{0.2}Ce_{0.8}O_{1.9}$ composite interconnect materials for IT-solid oxide fuel cells. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 2075-2079	8.9	2
41	Micro-Tubular Solid Oxide Fuel Cell with Asymmetric Structure Anode and $La_{0.6}Sr_{0.4}Co_{0.8}Cu_{0.2}O_{3-\delta}$ Perovskite Cathode. <i>Advanced Materials Research</i> , <b>2011</b> , 197-198, 672-676	0.5	
40	Simple solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 490, 214-222	5.7	49
39	Layered $SmBaCuCoO_{5+x}$ and $SmBaCuFeO_{5+x}$ perovskite oxides as cathode materials for proton-conducting SOFCs. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 492, 291-294	5.7	27
38	Layered perovskite $LaBaCuMO_{5+x}$ (M=Fe, Co) cathodes for intermediate-temperature protonic ceramic membrane fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 493, 252-255	5.7	35
37	Highly permeable porous YSZ hollow fiber membrane prepared using ethanol as external coagulant. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 494, 366-371	5.7	34

36	Recycling of fly ash for preparing porous mullite membrane supports with titania addition. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 180, 173-80	12.8	80
35	Preparation and characterization of carbon-coated Li[Ni <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> ]O <sub>2</sub> cathode material for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 1807-1811	2.6	20
34	Low-temperature solid oxide fuel cells with novel La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.8</sub> Cu <sub>0.2</sub> O <sub>3</sub> perovskite cathode and functional graded anode. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 1624-1629	8.9	24
33	High performance proton-conducting solid oxide fuel cells with a stable Sm <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>3</sub> Fe <sub>0.8</sub> Sm <sub>0.2</sub> O <sub>2</sub> composite cathode. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 3155-3158	8.9	87
32	High sintering activity Cu <sup>2+</sup> co-doped CeO <sub>2</sub> electrolyte for solid oxide fuel cells. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 6510-6515	8.9	33
31	A cobalt-free SrFe <sub>0.9</sub> Sb <sub>0.1</sub> O <sub>3</sub> cathode material for proton-conducting solid oxide fuel cells with stable BaZr <sub>0.1</sub> Ce <sub>0.7</sub> Y <sub>0.1</sub> Yb <sub>0.1</sub> O <sub>3</sub> electrolyte. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 7042-7045	8.9	41
30	Investigation of cobalt-free cathode material Sm <sub>0.5</sub> Sr <sub>0.5</sub> Fe <sub>0.8</sub> Cu <sub>0.2</sub> O <sub>3</sub> for intermediate temperature solid oxide fuel cell. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 6905-6910	6.7	80
29	Fabrication of dense LaCrO <sub>3</sub> -based interconnect thin membrane on anode substrates by co-firing. <i>Materials Research Bulletin</i> , <b>2009</b> , 44, 2127-2133	5.1	15
28	Fabrication and improvement of the density of Li <sub>2</sub> TiO <sub>3</sub> pebbles by the optimization of a sol-gel method. <i>Journal of Nuclear Materials</i> , <b>2009</b> , 393, 186-191	3.3	21
27	SrCo <sub>0.9</sub> Sb <sub>0.1</sub> O <sub>3</sub> cubic perovskite as a novel cathode for intermediate-to-low temperature SOFCs. <i>Fuel Cells Bulletin</i> , <b>2009</b> , 2009, 12-15	1.6	2
26	Reaction-sintered porous mineral-based mullite ceramic membrane supports made from recycled materials. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 172, 180-6	12.8	73
25	Intermediate-to-low temperature protonic ceramic membrane fuel cells with Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3</sub> -BaZr <sub>0.1</sub> Ce <sub>0.7</sub> Y <sub>0.2</sub> O <sub>3</sub> composite cathode. <i>Journal of Power Sources</i> , <b>2009</b> , 186, 58-61	8.9	65
24	In situ screen-printed BaZr <sub>0.1</sub> Ce <sub>0.7</sub> Y <sub>0.2</sub> O <sub>3</sub> electrolyte-based protonic ceramic membrane fuel cells with layered SmBaCo <sub>2</sub> O <sub>5+x</sub> cathode. <i>Journal of Power Sources</i> , <b>2009</b> , 186, 446-449	8.9	60
23	High performance of proton-conducting solid oxide fuel cell with a layered PrBaCo <sub>2</sub> O <sub>5+x</sub> cathode. <i>Journal of Power Sources</i> , <b>2009</b> , 194, 835-837	8.9	96
22	Control of endwall secondary flow in a compressor cascade with dielectric barrier discharge plasma actuation. <i>Science in China Series D: Earth Sciences</i> , <b>2009</b> , 52, 3715-3721		9
21	SrCo <sub>0.9</sub> Sb <sub>0.1</sub> O <sub>3</sub> cubic perovskite as a novel cathode for intermediate-to-low temperature solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 472, 556-558	5.7	27
20	Screen-printed BaCe <sub>0.8</sub> Sm <sub>0.2</sub> O <sub>3</sub> thin membrane solid oxide fuel cells with surface modification by spray coating. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 473, 48-52	5.7	30
19	BaZr <sub>0.1</sub> Ce <sub>0.7</sub> Y <sub>0.2</sub> O <sub>3</sub> proton-conducting electrolyte prepared by gel-casting for low-temperature solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 474, 364-369	5.7	14

18	Cost-effective tubular cordierite micro-filtration membranes processed by co-sintering. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 477, L35-L40	5.7	17
17	Stable, easily sintered BaCe <sub>0.5</sub> Zr <sub>0.3</sub> Y <sub>0.16</sub> Zn <sub>0.04</sub> O <sub>3-δ</sub> electrolyte-based proton-conducting solid oxide fuel cells by gel-casting and suspension spray. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 478, 590-593	5.7	9
16	Evaluation of simple, easily sintered La <sub>0.7</sub> Ca <sub>0.3</sub> Cr <sub>0.97</sub> O <sub>3-δ</sub> perovskite oxide as novel interconnect material for solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 479, 764-768	5.7	23
15	Asymmetric porous cordierite hollow fiber membrane for microfiltration. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 487, 631-638	5.7	31
14	A cathode-supported SOFC with thin Ce <sub>0.8</sub> Sm <sub>0.2</sub> O <sub>1.9</sub> electrolyte prepared by a suspension spray. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 465, 285-290	5.7	31
13	High yield synthesis of bracelet-like hydrophilic Ni-Co magnetic alloy flux-closure nanorings. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11606-7	16.4	152
12	Morphology and electrochemical performance of Li[Ni <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> ]O <sub>2</sub> cathode material by a slurry spray drying method. <i>Journal of Power Sources</i> , <b>2008</b> , 175, 564-569	8.9	73
11	A modified suspension spray combined with particle gradation method for preparation of protonic ceramic membrane fuel cells. <i>Journal of Power Sources</i> , <b>2008</b> , 179, 576-583	8.9	30
10	Low-temperature protonic ceramic membrane fuel cells (PCMFCs) with SrCo <sub>0.9</sub> Sb <sub>0.1</sub> O <sub>3-δ</sub> tubic perovskite cathode. <i>Journal of Power Sources</i> , <b>2008</b> , 185, 937-940	8.9	22
9	Magnetic field-induced solvothermal synthesis of one-dimensional assemblies of Ni-Co alloy microstructures. <i>Nano Research</i> , <b>2008</b> , 1, 303-313	10	98
8	Prontonic ceramic membrane fuel cells with layered GdBaCo <sub>2</sub> O <sub>5+x</sub> cathode prepared by gel-casting and suspension spray. <i>Journal of Power Sources</i> , <b>2008</b> , 177, 330-333	8.9	77
7	Stable, easily sintered BaCe <sub>0.5</sub> Zr <sub>0.3</sub> Y <sub>0.16</sub> Zn <sub>0.04</sub> O <sub>3-δ</sub> electrolyte-based protonic ceramic membrane fuel cells with Ba <sub>0.5</sub> Sr <sub>0.5</sub> Zn <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-δ</sub> perovskite cathode. <i>Journal of Power Sources</i> , <b>2008</b> , 183, 479-484	8.9	39
6	High performance protonic ceramic membrane fuel cells (PCMFCs) with Ba <sub>0.5</sub> Sr <sub>0.5</sub> Zn <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-δ</sub> perovskite cathode. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 1388-1391	5.1	67
5	Fabrication of Li <sub>2</sub> TiO <sub>3</sub> pebbles by water-based sol-gel method. <i>Fusion Engineering and Design</i> , <b>2008</b> , 83, 112-116	1.7	29
4	An ammonia fuelled SOFC with a BaCe <sub>0.9</sub> Nd <sub>0.1</sub> O <sub>3-δ</sub> thin electrolyte prepared with a suspension spray. <i>Journal of Power Sources</i> , <b>2007</b> , 170, 38-41	8.9	95
3	Improvement of the performances of tubular solid oxide fuel cells by optimizing co-sintering temperature of the NiO/YSZ anode-YSZ electrolyte double layers. <i>Journal of Power Sources</i> , <b>2007</b> , 171, 495-498	8.9	20
2	Preparation and electrochemical properties of Li[Ni <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> ]/ <sub>3</sub> Zrx/3]O <sub>2</sub> cathode materials for Li-ion batteries. <i>Journal of Power Sources</i> , <b>2007</b> , 174, 544-547	8.9	23
1	Thin yttria-stabilized zirconia electrolyte and transition layers fabricated by particle suspension spray. <i>Journal of Power Sources</i> , <b>2007</b> , 164, 567-571	8.9	29

