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List of Publications by Year
in descending order

152 papers	4,104 citations	101543 36 h-index	161849 54 g-index
153 all docs	153 docs citations	153 times ranked	3119 citing authors

#	Article	IF	Citations
1	Crystal structure, thermal expansion and electrical conductivity of perovskite oxides BaxSr1â˜'xCo0.8Fe0.2O3â˜'Î´ (0.3â‰¤xâ‰¤0.7). Journal of the European Ceramic Society, 2006, 26, 2827-2832.	5.7	217
2	Synthesis, electrical and electrochemical properties of Ba0.5Sr0.5Zn0.2Fe0.8O3â˜'Î´ perovskite oxide for IT-SOFC cathode. Journal of Power Sources, 2008, 176, 1-8.	7.8	168
3	Performance of an anode-supported SOFC with anode functional layers. Electrochimica Acta, 2008, 53, 7825-7830.	5.2	118
4	Efficient electrolysis of CO2 in symmetrical solid oxide electrolysis cell with highly active La0.3Sr0.7Fe0.7Ti0.3O3 electrode material. Electrochemistry Communications, 2016, 69, 80-83.	4.7	93
5	Origin of colossal dielectric permittivity of rutile Ti0.9In0.05Nb0.05O2: single crystal and polycrystalline. Scientific Reports, 2016, 6, 21478.	3.3	93
6	Characterization of GdBaCo2O5+Î´ cathode for IT-SOFCs. Journal of Alloys and Compounds, 2008, 454, 274-279.	5.5	92
7	The contribution of doped-Al to the colossal permittivity properties of Al_xNb_{0.03}Ti_{0.97â˜'x}O₂ rutile ceramics. Journal of Materials Chemistry C, 2016, 4, 6798-6805.	5.5	90
8	Thermal, electrical, and electrochemical properties of Nd-doped Ba0.5Sr0.5 Co0.8Fe0.2O3â˜'Î´ as a cathode material for SOFC. Solid State Ionics, 2008, 178, 1853-1858.	2.7	80
9	A symmetrical solid oxide fuel cell prepared by dry-pressing and impregnating methods. Journal of Power Sources, 2011, 196, 729-733.	7.8	73
10	A study of (Ba0.5Sr0.5)1â˜'xSmxCo0.8Fe0.2O3â˜'Î´ as a cathode material for IT-SOFCs. Journal of Alloys and Compounds, 2006, 426, 408-414.	5.5	68
11	Titanium-substituted lanthanum strontium ferrite as a novel electrode material for symmetrical solid oxide fuel cell. International Journal of Hydrogen Energy, 2015, 40, 16572-16577.	7.1	68
12	Effect of composite pore-former on the fabrication and performance of anode-supported membranes for SOFCs. Journal of Membrane Science, 2008, 318, 445-451.	8.2	67
13	Development of yttria-stabilized zirconia thin films via slurry spin coating for intermediate-to-low temperature solid oxide fuel cells. Journal of Power Sources, 2006, 160, 436-438.	7.8	62
14	Low temperature solid oxide fuel cells based on Sm0.2Ce0.8O1.9 films fabricated by slurry spin coating. Journal of Power Sources, 2006, 159, 637-640.	7.8	61
15	Performances of Ba0.5Sr0.5Co0.6Fe0.4O3â˜'Î´â€“Ce0.8Sm0.2O1.9 composite cathode materials for IT-SOFC. Journal of Alloys and Compounds, 2008, 448, 116-121.	5.5	60
16	Thermal, electrical, and electrochemical properties of Lanthanum-doped Ba0.5Sr0.5 Co0.8Fe0.2O3â€“Î´. Journal of Physics and Chemistry of Solids, 2007, 68, 1707-1712.	4.0	54
17	Fabrication and performance of anode-supported YSZ films by slurry spin coating. Solid State Ionics, 2007, 177, 3455-3460.	2.7	53
18	Ba0.5Sr0.5Zn0.2Fe0.8O3??Perovskite Oxide as a Novel Cathode for Intermediate-Temperature Solid-Oxide Fuel Cells. Journal of the American Ceramic Society, 2007, 90, 3364-3366.	3.8	52

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19	Niobium Doped Lanthanum Strontium Ferrite as A Redoxâ€Stable and Sulfurâ€Tolerant Anode for Solid Oxide Fuel Cells. ChemSusChem, 2018, 11, 254-263.	6.8	52
20	Thermal expansion and electrochemical properties of Ni-doped GdBaCo2O5+Î´ double-perovskite type oxides. International Journal of Hydrogen Energy, 2010, 35, 3775-3782.	7.1	50
21	Enhanced photocatalytic activity on polarized ferroelectric KNbO₃. RSC Advances, 2016, 6, 108883-108887.	3.6	50
22	Electrochemical performance of La2NiO4+Î´-Ce0.55La0.45O2âˆ’Î´ as a promising bifunctional oxygen electrode for reversible solid oxide cells. Journal of Advanced Ceramics, 2021, 10, 328-337.	17.4	50
23	Effect of SDC-impregnated LSM cathodes on the performance of anode-supported YSZ films for SOFCs. Journal of Power Sources, 2007, 167, 84-89.	7.8	47
24	Origin of the Ultrafast Response of the Lateral Photovoltaic Effect in Amorphous MoS₂/Si Junctions. ACS Applied Materials & Interfaces, 2017, 9, 18362-18368.	8.0	46
25	Enhanced performance of solid oxide fuel cells with Ni/CeO2 modified La0.75Sr0.25Cr0.5Mn0.5O3âˆ’ anodes. Journal of Power Sources, 2009, 190, 326-330.	7.8	44
26	Ag2Oâ€“Bi2O3 composites: synthesis, characterization and high efficient photocatalytic activities. CrystEngComm, 2012, 14, 5705.	2.6	44
27	A novel ZnO-based inorganic/organic bilayer with low resistance for Li metal protection. Energy Storage Materials, 2018, 14, 392-401.	18.0	44
28	Preparation of Sm0.2Ce0.8O1.9 membranes on porous substrates by a slurry spin coating method and its application in IT-SOFC. Journal of Membrane Science, 2006, 286, 255-259.	8.2	43
29	Electrical and thermal properties of (Ba0.5Sr0.5) 1âˆ’xSmxCo0.8Fe0.2O3âˆ’Î´ perovskite oxides. Solid State Ionics, 2007, 178, 417-422.	2.7	43
30	Study on Ba0.5Sr0.5Co0.8Fe0.2O3âˆ’Î´â€“Sm0.5Sr0.5CoO3âˆ’Î´ composite cathode materials for IT-SOFCs. Journal of Alloys and Compounds, 2008, 465, 274-279.	5.5	43
31	Nanosized Ce0.8Sm0.2O1.9 infiltrated GdBaCo2O5+Î´ cathodes for intermediate-temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2011, 36, 6151-6159.	7.1	42
32	A preliminary study of the pseudo-capacitance features of strontium doped lanthanum manganite. RSC Advances, 2015, 5, 5858-5862.	3.6	42
33	Enhanced performance of a single-chamber solid oxide fuel cell with an SDC-impregnated cathode. Journal of Power Sources, 2007, 167, 58-63.	7.8	40
34	A direct flame solid oxide fuel cell for potential combined heat and power generation. International Journal of Hydrogen Energy, 2012, 37, 8621-8629.	7.1	39
35	High-performance and stable La0.8Sr0.2Fe0.9Nb0.1O3-Î´anode for direct carbon solid oxide fuel cells fueled by activated carbon and corn straw derived carbon. International Journal of Hydrogen Energy, 2018, 43, 12358-12367.	7.1	39
36	YSZ films fabricated by a spin smoothing technique and its application in solid oxide fuel cell. Journal of Power Sources, 2007, 163, 957-959.	7.8	38

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37	Characteristics of a SiO2â€“B2O3â€“Al2O3â€“BaCO3â€“PbO2â€“ZnO glassâ€“ceramic sealant for SOFCs. Journal of Alloys and Compounds, 2007, 432, 189-193.	5.5	37
38	Effects of anode surface modification on the performance of low temperature SOFCs. Journal of Power Sources, 2007, 171, 489-494.	7.8	37
39	Novel polymer fibers prepared by electrospinning for use as the pore-former for the anode of solid oxide fuel cell. Electrochimica Acta, 2010, 55, 5538-5544.	5.2	36
40	Development and performance of diopside based glass-ceramic sealants for solid oxide fuel cells. Journal of Non-Crystalline Solids, 2010, 356, 1070-1080.	3.1	36
41	Enhanced hydrogen evolution reaction activity of hydrogen-annealed vertical MoS₂ nanosheets. RSC Advances, 2018, 8, 14369-14376.	3.6	36
42	Fabrication and performance of membrane solid oxide fuel cells with La0.75Sr0.25Cr0.5Mn0.5O3â^'Î´ impregnated anodes. Journal of Power Sources, 2010, 195, 1793-1798.	7.8	35
43	A study on PrMnO3-based perovskite oxides used in SOFC cathodes. Journal of Alloys and Compounds, 2002, 345, 265-270.	5.5	33
44	Study of slurry spin coating technique parameters for the fabrication of anode-supported YSZ Films for SOFCs. Journal of Power Sources, 2007, 164, 17-23.	7.8	33
45	Ag decorated (Ba,Sr)(Co,Fe)O3 cathodes for solid oxide fuel cells prepared by electroless silver deposition. International Journal of Hydrogen Energy, 2013, 38, 2413-2420.	7.1	33
46	Electrochemical performance of (Ba0.5Sr0.5)0.9Sm0.1Co0.8Fe0.2O3â^'Î´ as an intermediate temperature solid oxide fuel cell cathode. Journal of Power Sources, 2007, 165, 97-101.	7.8	32
47	Characteristics of NiO-YSZ anode based on NiO particles synthesized by the precipitation method. Journal of Alloys and Compounds, 2008, 454, 447-453.	5.5	32
48	Strontium doped lanthanum manganite/manganese dioxide composite electrode for supercapacitor with enhanced rate capability. Electrochimica Acta, 2016, 222, 1585-1591.	5.2	32
49	Electrochemically Driven Deactivation and Recovery in PrBaCo₂O_{5+Î´} Oxygen Electrodes for Reversible Solid Oxide Fuel Cells. ChemSusChem, 2016, 9, 2443-2450.	6.8	31
50	A comparison of La0.75Sr0.25Cr0.5Mn0.5O3â^'Î´ and Ni impregnated porous YSZ anodes fabricated in two different ways for SOFCs. Electrochimica Acta, 2010, 55, 3932-3938.	5.2	30
51	GdBaCo2O5+Î´â€“Sm0.2Ce0.8O1.9 composite cathodes for intermediate temperature SOFCs. Journal of Alloys and Compounds, 2011, 509, 3651-3655.	5.5	30
52	A novel design of single-chamber SOFC micro-stack operated in methaneâ€“oxygen mixture. Electrochemistry Communications, 2009, 11, 347-350.	4.7	29
53	Continuous conversion of biomass wastes in a La0.75Sr0.25Cr0.5Mn0.5O3â€“Î´ based carbonâ€“air battery. International Journal of Hydrogen Energy, 2016, 41, 5057-5062.	7.1	28
54	Redox of Ni/YSZ anodes and oscillatory behavior in single-chamber SOFC under methane oxidation conditions. Electrochimica Acta, 2011, 56, 6688-6695.	5.2	27

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55	Titanium-substituted ferrite perovskite: An excellent sulfur and coking tolerant anode catalyst for SOFCs. Catalysis Today, 2019, 330, 217-221.	4.4	27
56	Novel in situ method (vacuum assisted electroless plating) modified porous cathode for solid oxide fuel cells. Electrochemistry Communications, 2008, 10, 844-847.	4.7	25
57	Fast and sensitive lateral photovoltaic effects in Fe₃O₄/Si Schottky junction. RSC Advances, 2015, 5, 65048-65051.	3.6	25
58	A Highly Efficient and Robust Perovskite Anode with Ironâ€“Palladium Coâ€exsolutions for Intermediateâ€Temperature Solidâ€Oxide Fuel Cells. ChemSusChem, 2018, 11, 2593-2603.	6.8	25
59	Functionally graded cathodes based on double perovskite type GdBaCo2O5+Î´ oxide. Electrochimica Acta, 2014, 134, 136-142.	5.2	24
60	Tailoring tantalum doping into a perovskite ferrite to obtain a highly active and stable anode for solid oxide fuel cells. Journal of Materials Chemistry A, 2020, 8, 18778-18791.	10.3	24
61	Sm_{0.5}Sr_{0.5}CoO₃â€“Sm_{0.2}Ce_{0.8}O_{1.9} Composite Oxygen Electrodes for Solid Oxide Electrolysis Cells. Fuel Cells, 2014, 14, 76-82.	2.4	23
62	Novel cobalt-free layered perovskite LaBaFe2-xNbxO6-Î´ (x=0â€“0.1) as cathode for solid oxide fuel cells. Journal of Power Sources, 2020, 453, 227875.	7.8	23
63	Electrochemical performance and distribution of relaxation times analysis of tungsten stabilized LaÂ·5SrÂ·5FeÂ·9WÂ·1O3-Î´ electrode for symmetric solid oxide fuel cells. International Journal of Hydrogen Energy, 2021, 46, 30101-30111.	7.1	23
64	Preparation and characteristics of Pr1.6Sr0.4NiO4+YSZ as composite cathode of solid oxide fuel cells. Journal of Physics and Chemistry of Solids, 2009, 70, 665-668.	4.0	21
65	Effect of adding urea on performance of Cu/CeO2/yttria-stabilized zirconia anodes for solid oxide fuel cells prepared by impregnation method. Electrochimica Acta, 2011, 56, 2230-2236.	5.2	21
66	A Performance Study of Solid Oxide Fuel Cells With BaZr_{0.1}Ce_{0.7}Y_{0.2}O_{3â€“Î´} Electrolyte Developed by Sprayâ€Modified Pressing Method. Fuel Cells, 2012, 12, 141-145.	2.4	21
67	Understanding the Relationships between Morphology, Solid Electrolyte Interphase Composition, and Coulombic Efficiency of Lithium Metal. ACS Applied Materials & Interfaces, 2020, 12, 22268-22277.	8.0	21
68	Fabrication and evaluation of a Ni/La0.75Sr0.25Cr0.5Fe0.5O3âˆ’Î´ co-impregnated yttria-stabilized zirconia anode for single-chamber solid oxide fuel cells. International Journal of Hydrogen Energy, 2010, 35, 6897-6904.	7.1	20
69	Evaluation of (Ba0.5Sr0.5)0.85Gd0.15Co0.8Fe0.2O3âˆ’ cathode for intermediate temperature solid oxide fuel cell. Ceramics International, 2012, 38, 3039-3046.	4.8	20
70	Investigation on a novel composite solid oxide fuel cell anode with La0.6Sr0.4Co0.2Fe0.8O3âˆ’Î´ derived phases. Electrochimica Acta, 2015, 160, 89-93.	5.2	20
71	Performance and sulfur poisoning of Ni/CeO2 impregnated La0.75Sr0.25Cr0.5Mn0.5O3âˆ’Î´ anode in solid oxide fuel cells. Journal of Power Sources, 2015, 285, 354-359.	7.8	20
72	High activity oxide Pr0.3Sr0.7Ti0.3Fe0.7O3âˆ’Î´ as cathode of SOEC for direct high-temperature steam electrolysis. International Journal of Hydrogen Energy, 2017, 42, 12104-12110.	7.1	20

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73	Efficient use of waste carton for power generation, tar and fertilizer through direct carbon solid oxide fuel cell. Renewable Energy, 2020, 158, 410-420.	8.9	20
74	Graphene quantum dots as a highly efficient electrocatalyst for lithiumâ€“oxygen batteries. Journal of Materials Chemistry A, 2020, 8, 22356-22368.	10.3	20
75	Vacuum-assisted electroless copper plating on Ni/(Sm,Ce)O2 anodes for intermediate temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2011, 36, 7661-7669.	7.1	19
76	Performance and stability of co-synthesized Sm 0.5 Sr 0.5 CoO 3 â€“Ce 0.8 Sm 0.2 O 1.9 composite oxygen electrode for solid oxide electrolysis cells. International Journal of Hydrogen Energy, 2015, 40, 561-567.	7.1	19
77	Sulfur poisoning and attempt of oxidative regeneration of La 0.75 Sr 0.25 Cr 0.5 Mn 0.5 O 3â˜Î´ anode for solid oxide fuel cell. Journal of Alloys and Compounds, 2017, 698, 794-799.	5.5	19
78	3D-Hierarchical porous nickel sculptured by a simple redox process and its application in high-performance supercapacitors. Journal of Materials Chemistry A, 2017, 5, 20709-20719.	10.3	19
79	LaNiO3 modified with Ag nanoparticles as an efficient bifunctional electrocatalyst for rechargeable zincâ€“air batteries. Frontiers of Materials Science, 2019, 13, 277-287.	2.2	19
80	Effects of a YSZ porous layer between electrolyte and oxygen electrode in solid oxide electrolysis cells on the electrochemical performance and stability. International Journal of Hydrogen Energy, 2019, 44, 14493-14499.	7.1	19
81	Insight into high electrochemical activity of reduced La0Â·3Sr0Â·7Fe0Â·7Ti0Â·3O3 electrode for high temperature CO2 electrolysis. Electrochimica Acta, 2020, 332, 135464.	5.2	19
82	Morphology evolution and exsolution mechanism of a partially decomposed anode for intermediate temperature-solid oxide fuel cells. Electrochimica Acta, 2019, 304, 30-41.	5.2	18
83	Effects of discharge mode and fuel treating temperature on the fuel utilization of direct carbonÂsolid oxide fuel cell. International Journal of Hydrogen Energy, 2019, 44, 1174-1181.	7.1	18
84	Electrochemical performance evaluation of FeCo2O4 spinel composite cathode for solid oxide fuel cells. Journal of Alloys and Compounds, 2020, 829, 154493.	5.5	18
85	Cobalt-impregnated La0.75Sr0.25Cr0.5Mn0.5O3â˜Î´ anodes for solid oxide fuel cells. International Journal of Hydrogen Energy, 2014, 39, 7980-7987.	7.1	17
86	Enhanced electrochemical performance of co-synthesized La2NiO4+Î´-Ce0.55La0.45O2-Î´ composite cathode for IT-SOFCs. Journal of Alloys and Compounds, 2017, 705, 105-111.	5.5	17
87	Tracking Intramolecular Vibrational Redistribution in Polyatomic Small-Molecule Liquids by Ultrafast Timeâ€“Frequency-Resolved CARS. Journal of Physical Chemistry A, 2017, 121, 4948-4952.	2.5	17
88	Pr and Ti co-doped Strontium Ferrite as a Novel Hydrogen Electrode for Solid Oxide Electrolysis Cell. Electrochimica Acta, 2017, 232, 542-549.	5.2	17
89	Paperâ€Fibres Used as a Poreâ€Former for Anode Substrate of Solid Oxide Fuel Cell. Fuel Cells, 2011, 11, 172-177.	2.4	16
90	A Novel Cellâ€Array Design for Single Chamber SOFC Microstack. Fuel Cells, 2009, 9, 717-721.	2.4	15

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91	Behavior of 3mol% yttria-stabilized tetragonal zirconia polycrystal film prepared by slurry spin coating. Journal of Power Sources, 2009, 186, 128-132.	7.8	14
92	CNF-grafted carbon fibers as a binder-free cathode for Lithium Oxygen batteries with a superior performance. International Journal of Hydrogen Energy, 2018, 43, 739-747.	7.1	14
93	Cellular Structure Fabricated on Ni Wire by a Simple and Costâ€Effective Directâ€Flame Approach and Its Application in Fiberâ€Shaped Supercapacitors. ChemSusChem, 2018, 11, 985-993.	6.8	14
94	Advanced Engineering for Cathode in Lithiumâ€“Oxygen Batteries: Flexible 3D Hierarchical Porous Architecture Design and Its Functional Modification. Advanced Functional Materials, 2021, 31, 2105664.	14.9	14
95	Experimental study on effect of compaction pressure on performance of SOFC anodes. Journal of Power Sources, 2008, 180, 301-308.	7.8	12
96	Study on impedance spectra of La0.7Sr0.3MnO3 and Sm0.2Ce0.8O1.9-impregnated La0.7Sr0.3MnO3 cathode in single chamber fuel cell condition. Electrochimica Acta, 2009, 54, 4726-4730.	5.2	12
97	In-situ reduction synthesis of La2O3/NiM-NCNTs (MÂ= Fe, Co) as efficient bifunctional electrocatalysts for oxygen reduction and evolutionÂreactions. International Journal of Hydrogen Energy, 2018, 43, 21959-21968.	7.1	12
98	High-performance fluorine-doped cobalt-free oxide as a potential cathode material for solid oxide fuel cells. International Journal of Hydrogen Energy, 2021, 46, 2503-2510.	7.1	12
99	In Situ Surface Film Formed by Solidâ€State Anodic Oxidation for Stable Lithium Metal Anodes. Advanced Functional Materials, 2021, 31, 2101737.	14.9	12
100	Performance evolution of NiO/yttria-stabilized zirconia anodes fabricated at different compaction pressures. Electrochimica Acta, 2009, 54, 1355-1361.	5.2	11
101	On the limiting factor of impregnation methods for developing Cu/CeO2 anodes for solid oxide fuel cells. Journal of Solid State Electrochemistry, 2018, 22, 1735-1743.	2.5	11
102	Heterostructural Ni3S2â€“Fe5Ni4S8 hybrids for efficient electrocatalytic oxygen evolution. Journal of Materials Science, 2020, 55, 15963-15974.	3.7	11
103	Sulfur poisoning and the regeneration of the solid oxide fuel cell with metal catalyst-impregnated La0.75Sr0.25Cr0.5Mn0.5O3-Î´ anode. International Journal of Hydrogen Energy, 2020, 45, 15650-15657.	7.1	11
104	Phosphor thermometry at 5â€‰kHz rate using a high-speed fiber-optic spectrometer. Journal of Applied Physics, 2020, 127, .	2.5	11
105	Effects of the single chamber SOFC stack configuration on the performance of the single cells. Solid State Ionics, 2010, 181, 939-942.	2.7	10
106	Coâ€synthesis of Sm_{0.5}Sr_{0.5}CoO₃â€Sm_{0.2}Ce_{0.8}O_{1.9} Composite Cathode with Enhanced Electrochemical Property for Intermediate Temperature SOFCs. Fuel Cells, 2014, 14, 966-972.	2.4	10
107	Misfit-layered cobaltite Ca3Co4O9+Î´as a new electrode for supercapacitor with excellent cycling stability. Journal of Alloys and Compounds, 2019, 792, 357-364.	5.5	10
108	Structure, electrical and thermal properties of (Ba0.5Sr0.5)1â^'xGdxCo0.8Fe0.2O3â^'Î´ perovskite as a solid-oxide fuel cell cathode. Solid State Ionics, 2012, 207, 38-43.	2.7	9

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109	A rapid preparation of acicular Ni impregnated anode with enhanced conductivity and operational stability. Journal of Power Sources, 2014, 256, 424-429.	7.8	9
110	Performance and stability of co-synthesized Sm0.5Sr0.5CoO3-Sm0.2Ce0.8O1.9 oxygen electrode for reversible solid oxide cells. Electrochimica Acta, 2015, 180, 1085-1093.	5.2	9
111	Strontium doped lanthanum manganite (LSM) effects on electrochemical performance of LSM/MnO2 composites for supercapacitor. Journal of Materials Science: Materials in Electronics, 2017, 28, 17020-17025.	2.2	9
112	A novel La2NiO4+Î´-La3Ni2O7-Î´-Ce0.55La0.45O2-Î´ ternary composite cathode prepared by the co-synthesis method for IT-SOFCs. International Journal of Hydrogen Energy, 2017, 42, 17202-17210.	7.1	9
113	A non-sealed solid oxide fuel cell micro-stack with two gas channels. International Journal of Hydrogen Energy, 2011, 36, 7251-7256.	7.1	8
114	Effect of gas supply method on the performance of the single-chamber SOFC micro-stack and the single cells. Journal of Solid State Electrochemistry, 2013, 17, 269-275.	2.5	8
115	Effect of Oxygen-deficiencies on Resistance Switching in Amorphous YFe0.5Cr0.5O3â˜'d films. Scientific Reports, 2016, 6, 30335.	3.3	8
116	Oxygen pump method for leak rate testing of SiO2â€“B2O3â€“Al2O3â€“BaOâ€“PbO2â€“ZnO glass sealant for SOFC. Solid State Ionics, 2008, 179, 1286-1290.	2.7	7
117	Tracking intramolecular energy redistribution dynamics in aryl halides: the effect of halide mass. RSC Advances, 2018, 8, 29775-29780.	3.6	7
118	Temperatureâ€dependent electrical transport behavior and structural evolution in hollanditeâ€type titaniumâ€based oxide. Journal of the American Ceramic Society, 2019, 102, 6741-6750.	3.8	7
119	Regeneration of sulfur poisoned La0.75Sr0.25Cr0.5Mn0.5O3-Î´ anode of solid oxide fuel cell using electrochemical oxidative method. Electrochimica Acta, 2019, 304, 342-349.	5.2	7
120	Fabrication and performance test of solid oxide fuel cells with screen-printed yttria-stabilized zirconia electrolyte membranes. Journal of Solid State Electrochemistry, 2011, 15, 2661-2665.	2.5	6
121	Effect of characteristics of (Sm,Ce)O2 powder on the fabrication and performance of anode-supported solid oxide fuel cells. Materials Research Bulletin, 2012, 47, 121-129.	5.2	6
122	The Effect of Adding Ce_{1â€“}_xSm_xO_{2â€“}_x_{/2} with Different Sm Contents on the Electrochemical Performance of GdBaCo₂O_{5+Î´} Based Composite Cathode. Fuel Cells, 2013, 13, 289-297.	2.4	6
123	Rapid porosity formation of silver under SOFC conditions in methane-oxygen mixed gas. International Journal of Hydrogen Energy, 2016, 41, 22344-22353.	7.1	6
124	The comparative theoretical study of the LaBO3 (001) (BÂ=ÂMn, Fe, Co, and Ni) surface properties and oxygen adsorption mechanisms. Ionics, 2016, 22, 1153-1158.	2.4	6
125	Cellular Ni sheet created by a simple oxidation-reduction process for enhanced supercapacitor performance. Journal of Alloys and Compounds, 2017, 711, 287-293.	5.5	6
126	Quantum transport in a one-dimensional quasicrystal with mobility edges. Physical Review A, 2022, 105, .	2.5	6

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127	Performance of an annular solid-oxide fuel cell micro-stack array operating in single-chamber conditions. Journal of Power Sources, 2010, 195, 4247-4251.	7.8	5
128	Investigations on Pr1.6Sr0.4NiO4â€“YSZâ€“Ag composite cathode for solid oxide fuel cells. Journal of Physics and Chemistry of Solids, 2010, 71, 230-234.	4.0	5
129	Compaction pressure effect on microstructure and electrochemical performance of GdBaCo2O5+Î´ cathode for IT-SOFCs. Ceramics International, 2012, 38, 2159-2164.	4.8	5
130	Effect of flow geometry on anode-supported single chamber SOFCs arrayed as V-shape. International Journal of Hydrogen Energy, 2013, 38, 1976-1982.	7.1	5
131	In situ fabrication of cellular architecture on silver metals using methane/oxygen gas mixture and its application for energy storage. Electrochimica Acta, 2018, 280, 25-32.	5.2	5
132	In situ fabrication of porous graphene electrodes for high-performance lithium oxygen batteries. International Journal of Hydrogen Energy, 2018, 43, 16128-16135.	7.1	5
133	Investigations on sulfur poisoning mechanisms of a solid oxide fuel cell with niobium-doped ferrate perovskite anode. Electrochimica Acta, 2020, 335, 135703.	5.2	5
134	A hydrophobic membrane to enable lithium-air batteries to operate in ambient air with a long cycle life. Electrochimica Acta, 2022, 421, 140517.	5.2	5
135	A right-angular configuration for the single-chamber solid oxide fuel cell. International Journal of Hydrogen Energy, 2011, 36, 3147-3152.	7.1	4
136	Evaluation of a Nonâ€sealed Solid Oxide Fuel Cell Stack with Cells Embedded in Plane Configuration. Fuel Cells, 2012, 12, 523-529.	2.4	4
137	Vibrational energy redistribution of selectively excite liquid acetonitrile. European Physical Journal D, 2018, 72, 1.	1.3	4
138	Effect of the angle between gas flow direction and electrode on single-chamber SOFC stacks. Journal of Solid State Electrochemistry, 2019, 23, 1651-1657.	2.5	4
139	Ba and Gd Doping Effect in (Ba_xSr_{1â€“}_x)_{0.95}Gd_{0.05}Co_{0.8}Fe_{0.2}O_{3â€“Î´} (xâ€‰=â€‰0.1â€“0.9) Cathode on the Phase Structure and Electrochemical Performance. Fuel Cells, 2012, 12, 633-641.	2.4	3
140	Adsorption of Sulfurâ€Containing Species on LaCrO₃ (001) Surface: A Firstâ€Principles Study. Fuel Cells, 2013, 13, 1040-1047.	2.4	3
141	Effect of stack configurations on single chamber solid oxide fuel cell, anodeâ€“cathode, anodeâ€“anode, and cathodeâ€“cathode configuration. Electrochimica Acta, 2013, 104, 64-68.	5.2	3
142	Phonon-assisted anti-Stokes excitation: Mechanism for the unusual temperature dependence of the Ce3+ luminescence in yttrium aluminum garnet. Journal of Applied Physics, 2018, 124, .	2.5	3
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