

Yunfei Bu

List of Publications by Year in descending order

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112
papers

6,205
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57631

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Amino-Assisted Anchoring of CsPbBr ₃ Perovskite Quantum Dots on Porous g-C ₃ N ₄ for Enhanced Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13570-13574.	7.2	432
2	Three-dimensional ultrathin Ni(OH) ₂ nanosheets grown on nickel foam for high-performance supercapacitors. <i>Nano Energy</i> , 2015, 11, 154-161.	8.2	379
3	A Perovskite Nanorod as Bifunctional Electrocatalyst for Overall Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1602122.	10.2	369
4	Building and identifying highly active oxygenated groups in carbon materials for oxygen reduction to H ₂ O ₂ . <i>Nature Communications</i> , 2020, 11, 2209.	5.8	281
5	A Highly Efficient and Robust Cation Ordered Perovskite Oxide as a Bifunctional Catalyst for Rechargeable Zinc-Air Batteries. <i>ACS Nano</i> , 2017, 11, 11594-11601.	7.3	219
6	Amino-Assisted Anchoring of CsPbBr ₃ Perovskite Quantum Dots on Porous g-C ₃ N ₄ for Enhanced Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2018, 130, 13758-13762.	1.6	172
7	Crystallinity Dependence of Ruthenium Nanocatalyst toward Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2018, 8, 5714-5720.	5.5	162
8	Fabrication of 3D Co-doped Ni-based MOF hierarchical micro-flowers as a high-performance electrode material for supercapacitors. <i>Applied Surface Science</i> , 2019, 483, 1158-1165.	3.1	156
9	Enhanced electrochemical properties of a LiNiO ₂ -based cathode material by removing lithium residues with (NH ₄) ₂ HPO ₄ . <i>Journal of Materials Chemistry A</i> , 2014, 2, 11691-11696.	5.2	135
10	Rational construction of triangle-like nickel-cobalt bimetallic metal-organic framework nanosheets arrays as battery-type electrodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 42-52.	5.0	131
11	Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. <i>Nature Communications</i> , 2019, 10, 4060.	5.8	131
12	Promotional effect of F-doped V ₂ O ₅ WO ₃ /TiO ₂ catalyst for NH ₃ -SCR of NO at low-temperature. <i>Applied Catalysis A: General</i> , 2012, 435-436, 156-162.	2.2	125
13	Amino-Assisted NH ₂ -UiO-66 Anchored on Porous g-C ₃ N ₄ for Enhanced Visible-Light-Driven CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30673-30681.	4.0	116
14	Highly-efficient visible-light-driven photocatalytic H ₂ evolution integrated with microplastic degradation over MXene/ZnxCd _{1-x} S photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 311-319.	5.0	112
15	A Highly Efficient and Robust Nanofiber Cathode for Solid Oxide Fuel Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1601890.	10.2	109
16	Synergistic interaction of perovskite oxides and N-doped graphene in versatile electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2048-2054.	5.2	104
17	Carbon-Based Electrocatalysts for Efficient Hydrogen Peroxide Production. <i>Advanced Materials</i> , 2021, 33, e2103266.	11.1	104
18	A durable, high-performance hollow-nanofiber cathode for intermediate-temperature fuel cells. <i>Nano Energy</i> , 2016, 26, 90-99.	8.2	93

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19	A Tailored Bifunctional Electrocatalyst: Boosting Oxygen Reduction/Evolution Catalysis via Electron Transfer Between N-Doped Graphene and Perovskite Oxides. <i>Small</i> , 2018, 14, e1802767.	5.2	85
20	Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst. <i>Small</i> , 2017, 13, 1701167.	5.2	82
21	Focus on the modified $Ce_xZr_{1-x}O_2$ with the rigid benzene-multi-carboxylate ligands and its catalysis in oxidation of NO. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 258-268.	10.8	80
22	Identifying the structure of Zn-N ₂ active sites and structural activation. <i>Nature Communications</i> , 2019, 10, 2623.	5.8	79
23	Electrospun Porous Perovskite $La_{0.6}Sr_{0.4}Co_{1-x}Fe_xNi_xO_{3-\delta}$ Nanofibers for Efficient Oxygen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700146.	11.0	74
24	In-situ conversion of rGO/Ni ₂ P composite from GO/Ni-MOF precursor with enhanced electrochemical property. <i>Applied Surface Science</i> , 2018, 439, 413-419.	3.1	71
25	Construction of Porous Mo_3P/Mo Nanobelts as Catalysts for Efficient Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14139-14143.	7.2	70
26	Revealing Isolated Mn_3C Active Sites for Efficient Collaborative Oxygen Reduction Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23678-23683.	7.2	64
27	Controllable synthesis of Ni-Co nanosheets covered hollow box via altering the concentration of nitrate for high performance supercapacitor. <i>Electrochimica Acta</i> , 2016, 215, 500-505.	2.6	63
28	Construction of Porous Mo_3P/Mo Nanobelts as Catalysts for Efficient Water Splitting. <i>Angewandte Chemie</i> , 2018, 130, 14335-14339.	1.6	58
29	In Site Growth of Crosslinked Nickel-Cobalt Hydroxides@Carbon Nanotubes Composite for a High-Performance Hybrid Supercapacitor. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800438.	1.9	56
30	Aluminum and Nitrogen Codoped Graphene: Highly Active and Durable Electrocatalyst for Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2019, 9, 610-619.	5.5	56
31	Co,N-codoped graphene as efficient electrocatalyst for hydrogen evolution reaction: Insight into the active centre. <i>Journal of Power Sources</i> , 2017, 363, 260-268.	4.0	55
32	The characterization of CrCe-doped on TiO ₂ -pillared clay nanocomposites for NO oxidation and the promotion effect of CeO _x . <i>Applied Surface Science</i> , 2013, 268, 535-540.	3.1	54
33	In Situ Probing of the Mechanisms of Coking Resistance on Catalyst-Modified Anodes for Solid Oxide Fuel Cells. <i>Chemistry of Materials</i> , 2015, 27, 822-828.	3.2	54
34	A highly efficient composite cathode for proton-conducting solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020, 451, 227812.	4.0	54
35	Binary-dopant promoted lattice oxygen participation in OER on cobaltate electrocatalyst. <i>Chemical Engineering Journal</i> , 2021, 417, 129324.	6.6	51
36	Selective catalytic oxidation of NO with O ₂ over Ce-doped MnO _x /TiO ₂ catalysts. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 17-24.	1.8	50

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37	A Highly Efficient Composite Catalyst Constructed From NH ₂ -MIL-125(Ti) and Reduced Graphene Oxide for CO ₂ Photoreduction. <i>Frontiers in Chemistry</i> , 2019, 7, 789.	1.8	50
38	Supramolecular Synthesis of Multifunctional Holey Carbon Nitride Nanosheet with High Efficiency Photocatalytic Performance. <i>Advanced Optical Materials</i> , 2017, 5, 1700536.	3.6	49
39	Redox stability and sulfur resistance of Sm _{0.9} Sr _{0.1} Cr _x Fe _{1-x} O _{3-δ} perovskite materials. <i>Journal of Alloys and Compounds</i> , 2013, 578, 60-66.	2.8	48
40	In Situ Fabrication of 3D Octahedral g-C ₃ N ₄ /BiFeWO ₄ Double Heterojunction for Highly Selective CO ₂ Photoreduction to CO Under Visible Light. <i>ChemCatChem</i> , 2018, 10, 4578-4585.	1.8	48
41	Exploration of Co-Fe alloy precipitation and electrochemical behavior hysteresis using Lanthanum and Cobalt co-substituted SrFeO _{3-δ} SOFC anode. <i>Electrochimica Acta</i> , 2018, 277, 226-234.	2.6	47
42	Controllable fabrication of uniform ruthenium phosphide nanocrystals for the hydrogen evolution reaction. <i>Chemical Communications</i> , 2019, 55, 7828-7831.	2.2	47
43	Structure-activity relationship of Cr/Ti-PILC catalysts using a pre-modification method for NO oxidation and their surface species study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 15036-15045.	1.3	46
44	In situ self-assembly of zirconium metal-organic frameworks onto ultrathin carbon nitride for enhanced visible light-driven conversion of CO ₂ to CO. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6034-6040.	5.2	45
45	Effect of nitrogen doping on oxygen vacancies of titanium dioxide supported vanadium pentoxide for ammonia-SCR reaction at low temperature. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 190-195.	5.0	44
46	Fractional-hydrolysis-driven formation of nonuniform dopant concentration catalyst nanoparticles of Cr/Ce x Zr 1-x O ₂ and their catalysis in oxidation of NO. <i>Chemical Engineering Journal</i> , 2014, 236, 223-232.	6.6	44
47	Effects of Cr on the NO oxidation over the ceria-zirconia solid solution. <i>RSC Advances</i> , 2013, 3, 7009.	1.7	43
48	The formation of 3D spherical Cr-Ce mixed oxides with roughness surface and their enhanced low-temperature NO oxidation. <i>Chemical Engineering Journal</i> , 2018, 333, 414-422.	6.6	43
49	A Composite Catalyst Based on Perovskites for Overall Water Splitting in Alkaline Conditions. <i>ChemElectroChem</i> , 2019, 6, 1520-1524.	1.7	42
50	Haloid acid induced carbon nitride semiconductors for enhanced photocatalytic H ₂ evolution and reduction of CO ₂ under visible light. <i>Carbon</i> , 2018, 138, 465-474.	5.4	41
51	Efficient CO ₂ Utilization via a Hybrid Na-CO ₂ System Based on CO ₂ Dissolution. <i>IScience</i> , 2018, 9, 278-285.	1.9	40
52	Capture of carbon dioxide from flue gases by amine-functionalized TiO ₂ nanotubes. <i>Applied Surface Science</i> , 2013, 268, 124-128.	3.1	39
53	Treatment of carbon cloth anodes for improving power generation in a dual-chamber microbial fuel cell. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 623-628.	1.6	37
54	Solvent effects on formation of Cr-doped Ce _{0.2} Zr _{0.8} O ₂ synthesized with cinnamic acid and their catalysis in oxidation of NO. <i>Chemical Engineering Journal</i> , 2014, 246, 328-336.	6.6	36

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55	Electrochemical property of multi-layer anode supported solid oxide fuel cell fabricated through sequential tape-casting and co-firing. <i>Journal of Materials Science and Technology</i> , 2019, 35, 695-701.	5.6	36
56	Construction of Nano-Fe ₂ O ₃ -Decorated Flower-Like MoS ₂ with Fe-S Bonds for Efficient Photoreduction of CO ₂ under Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12603-12611.	3.2	34
57	Evaluation of La _{0.4} Ba _{0.6} Fe _{0.8} Zn _{0.2} O ₃ ± δ + λ Sm _{0.2} Ce _{0.8} O _{1.9} as a potential cobalt-free composite cathode for intermediate temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2015, 275, 808-814.	4.0	32
58	Synthesis and characterization of direct Z-scheme Bi ₂ MoO ₆ /ZnIn ₂ S ₄ composite photocatalyst with enhanced photocatalytic oxidation of NO under visible light. <i>Journal of Materials Science</i> , 2017, 52, 11453-11466.	1.7	31
59	A high-performance, cobalt-free cathode for intermediate-temperature solid oxide fuel cells with excellent CO ₂ tolerance. <i>Journal of Power Sources</i> , 2016, 319, 178-184.	4.0	30
60	Stable, efficient and cost-competitive Ni-substituted Sr(Ti,Fe)O ₃ cathode for solid oxide fuel cell: Effect of A-site deficiency. <i>Journal of Power Sources</i> , 2020, 451, 227762.	4.0	30
61	Z-scheme CaIn ₂ S ₄ /Ag ₃ PO ₄ nanocomposite with superior photocatalytic NO removal performance: fabrication, characterization and mechanistic study. <i>New Journal of Chemistry</i> , 2018, 42, 318-326.	1.4	29
62	Ni and Zn co-substituted Co(CO ₃) _{0.5} OH self-assembled flowers array for asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 299-306.	5.0	28
63	Catalytic Oxidation of NO to NO ₂ Over Co-Ce-Zr Solid Solutions: Enhanced Performance of Ce-Zr Solid Solution by Co. <i>Catalysis Letters</i> , 2014, 144, 538-544.	1.4	27
64	New insights into intermediate-temperature solid oxide fuel cells with oxygen-ion conducting electrolyte act as a catalyst for NO decomposition. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 418-425.	10.8	26
65	Advances and Perspectives for the Application of Perovskite Oxides in Supercapacitors. <i>Energy & Fuels</i> , 2021, 35, 17353-17371.	2.5	26
66	Ag and MOFs-derived hollow Co ₃ O ₄ decorated in the 3D g-C ₃ N ₄ for creating dual transferring channels of electrons and holes to boost CO ₂ photoreduction performance. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 901-909.	5.0	26
67	Ferrous-based electrolyte for simultaneous NO absorption and electroreduction to NH ₃ using Au/rGO electrode. <i>Journal of Hazardous Materials</i> , 2022, 430, 128451.	6.5	26
68	Structural and electrochemical properties of B-site Mg-doped La _{0.7} Sr _{0.3} MnO ₃ ± δ perovskite cathodes for intermediate temperature solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , 2016, 655, 99-105.	2.8	25
69	Solvent effects during the synthesis of Cr/Ce _{0.2} Zr _{0.8} O ₂ catalysts and their activities in NO oxidation. <i>Chemical Engineering Journal</i> , 2015, 270, 1-8.	6.6	24
70	The solvent-driven formation of multi-morphological Ag-CeO ₂ plasmonic photocatalysts with enhanced visible-light photocatalytic reduction of CO ₂ . <i>RSC Advances</i> , 2018, 8, 40731-40739.	1.7	23
71	A perovskite oxide with a tunable pore-size derived from a general salt-template strategy as a highly efficient electrocatalyst for the oxygen evolution reaction. <i>Chemical Communications</i> , 2019, 55, 2445-2448.	2.2	23
72	Electron-coupled enhanced interfacial interaction of Ce-MOF/Bi ₂ MoO ₆ heterostructure for boosted photoreduction CO ₂ . <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107461.	3.3	23

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73	Performance of $\text{Y}_{0.9}\text{Sr}_{0.1}\text{Cr}_{0.9}\text{Fe}_{0.1}\text{O}_{3-\lambda}$ as a sulfur-tolerant anode material for intermediate temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2014, 250, 143-151.	4.0	22
74	Correlation of morphology with catalytic performance of $\text{CrO}_x/\text{Ce}_{0.2}\text{Zr}_{0.8}\text{O}_2$ catalysts for NO oxidation via in-situ STEM. <i>Chemical Engineering Journal</i> , 2016, 288, 238-245.	6.6	21
75	Facile synthesis of hierarchical nickel-cobalt sulfide quadrangular microtubes and its application in hybrid supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18064-18074.	1.1	21
76	Facile fabrication of oxygen and carbon co-doped carbon nitride nanosheets for efficient visible light photocatalytic H_2 evolution and CO_2 reduction. <i>Dalton Transactions</i> , 2019, 48, 12070-12079.	1.6	21
77	Facile Dynamic Synthesis of Homodispersed Ni_3S_2 Nanosheets as a High-Efficient Bifunctional Electrocatalyst for Water Splitting. <i>ChemCatChem</i> , 2019, 11, 1320-1327.	1.8	21
78	Efficient and stable nanoporous functional composited electrocatalyst derived from Zn/Co-bimetallic zeolitic imidazolate frameworks for oxygen reduction reaction in alkaline media. <i>Electrochimica Acta</i> , 2019, 299, 610-617.	2.6	20
79	3D flower-like hierarchical Ag@nickel-cobalt hydroxide microsphere with enhanced electrochemical properties. <i>Electronic Materials Letters</i> , 2016, 12, 824-829.	1.0	19
80	A Controllable Dual Interface Engineering Concept for Rational Design of Efficient Bifunctional Electrocatalyst for Zinc-Air Batteries. <i>Small</i> , 2022, 18, e2105604.	5.2	18
81	Structure and redox properties of perovskite $\text{Y}_{0.9}\text{Sr}_{0.1}\text{Cr}_{1-x}\text{Fe}_x\text{O}_{3-\lambda}$. <i>Applied Surface Science</i> , 2013, 268, 246-251.	3.1	17
82	Highly efficient simulated solar-light photocatalytic oxidation of gaseous NO with porous carbon nitride from copolymerization with thymine and mechanistic analysis. <i>RSC Advances</i> , 2016, 6, 101208-101215.	1.7	17
83	Spinel $\text{MnCo}_2\text{O}_4/\text{N,S}$ -doped Carbon Nanotubes as an Efficient Oxygen Reduction Reaction Electrocatalyst. <i>ChemistrySelect</i> , 2016, 1, 2159-2162.	0.7	16
84	$\text{Co}(\text{OH})_2$ particles decorated $\text{Ni}_3(\text{NO}_3)_{1.6}(\text{CO}_3)_{0.2}(\text{OH})_4$ flower-like composite electrode for high-performance hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152689.	2.8	16
85	CuO -decorated dual-phase TiO_2 microspheres with enhanced activity for photocatalytic CO_2 reduction in liquid-solid regime. <i>Chemical Physics Letters</i> , 2019, 725, 66-74.	1.2	14
86	A well-controlled three-dimensional tree-like core-shell structured electrode for flexible all-solid-state supercapacitors with favorable mechanical and electrochemical durability. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16099-16107.	5.2	14
87	Mesoporous TiO_2 as the support of tetraethylenepentamine for CO_2 capture from simulated flue gas. <i>RSC Advances</i> , 2013, 3, 23785.	1.7	13
88	Facile preparation of porous carbon nitride for visible light photocatalytic reduction and oxidation applications. <i>Journal of Materials Science</i> , 2018, 53, 11315-11328.	1.7	13
89	Composites of Single/Double Perovskites as Cathodes for Solid Oxide Fuel Cells. <i>Energy Technology</i> , 2016, 4, 804-808.	1.8	11
90	A simple seed-mediated growth method for the synthesis of highly morphology controlled $\text{CrO}_x/\text{Ce}_{0.2}\text{Zr}_{0.8}\text{O}_2$ catalysts and their enhanced NO oxidation. <i>Chemical Engineering Journal</i> , 2017, 317, 376-385.	6.6	11

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91	Interaction between electrode materials $\text{Sr}_2\text{FeCo}_{0.5}\text{Mo}_{0.5}\text{O}_6$ and hydrogen sulfide in symmetrical solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 22266-22272.	3.8	11
92	Amorphous Core-Shell Nanoparticles as a Highly Effective and Stable Battery-Type Electrode for Hybrid Supercapacitors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900858.	1.9	10
93	Turning the activity of Ce mixed oxide towards thermocatalytic NO oxidation and photocatalytic CO_2 reduction via the formation of yolk shell structure hollow microspheres. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154508.	2.8	10
94	Molecular-level proton acceptor boosts oxygen evolution catalysis to enable efficient industrial-scale water splitting. <i>Green Energy and Environment</i> , 2024, 9, 344-355.	4.7	10
95	Mesoporous Spinel Nanofibers and Nitrogen-doped Carbon Nanotubes as High-Performance Electrocatalyst for Oxygen Reduction in Alkaline and Neutral Media. <i>Energy Technology</i> , 2017, 5, 283-292.	1.8	9
96	A Rational Design for Enhanced Catalytic Activity and Durability: Strongly Coupled N-Doped $\text{CrO}_x/\text{Ce}_{0.2}\text{Zr}_{0.8}\text{O}_2$ Nanoparticle Composites. <i>ACS Applied Nano Materials</i> , 2018, 1, 1150-1163.	2.4	9
97	Revealing Isolated N_3C_1 Active Sites for Efficient Collaborative Oxygen Reduction Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 23886-23891.	1.6	9
98	Validation and Electrochemical Characterization of LSCF Cathode Deposition on Metal Supported SOFC. <i>Journal of the Electrochemical Society</i> , 2017, 164, F1489-F1494.	1.3	7
99	Effect of an anode modified with nitrogenous compounds on the performance of a microbial fuel cell. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 527-533.	1.2	6
100	Efficient Inhibition of NO during NO Absorption Process Using a CuO and $(\text{NH}_4)_2\text{SO}_4$ Mixed Solution. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 13010-13018.	1.8	6
101	Construction of Z-scheme Photocatalyst Containing ZnIn_2S_4 , Co_3O_4 -Photodeposited BiVO_4 (110) Facets and rGO Electron Mediator for Overall Water Splitting into H_2 and O_2 . <i>Catalysis Letters</i> , 2021, 151, 2570-2582.	1.4	6
102	In situ fabrication of cobalt/nickel sulfides nanohybrid based on various sulfur sources as highly efficient bifunctional electrocatalysts for overall water splitting. <i>Nano Select</i> , 0, .	1.9	6
103	Fabrication of core-shell C/MnO nanocomposite by liquid deposition for high performance lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5978-5985.	1.1	5
104	Synthesis and performance of $\text{Sm}_{0.9}\text{Sr}_{0.1}\text{Cr}_{0.5}\text{Fe}_{0.5}\text{O}_3$ as anode material for SOFCs running on H_2S -containing fuel. <i>Ionics</i> , 2013, 19, 491-497.	1.2	4
105	Synthesis and characterization of Ca and Sr co-doped ceria electrolytes. <i>Ionics</i> , 2014, 20, 721-727.	1.2	4
106	Improvement of $\text{BaCe}_{0.8}\text{Sm}_{0.1}\text{Y}_{0.1}\text{O}_{3-\delta}$ -based IT-SOFC by optimizing spin-coated process of cathode and sintering temperature. <i>Ionics</i> , 2015, 21, 817-822.	1.2	4
107	Enhanced Light-driven CO_2 Reduction on Metal-free Rich Terminal Oxygen-defects Carbon Nitride Nanosheets. <i>Journal of Colloid and Interface Science</i> , 2021, 608, 2505-2505.	5.0	4
108	$\text{La}_{0.4}\text{Ba}_{0.6}\text{Fe}_{0.8}\text{Zn}_{0.2}\text{O}_{3-\delta}$ as cathode in solid oxide fuel cells for simultaneous NO reduction and electricity generation. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 925-930.	1.2	3

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109	Fabrication of Controllable N-Doped Ce _{0.2} Zr _{0.8} O ₂ via O–N–O Bond with Robust NO Oxidation and Durability at Low Temperature. <i>Energy & Fuels</i> , 2021, 35, 752-761.	2.5	2
110	Electrocatalysis: Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst (<i>Small</i> 40/2017). <i>Small</i> , 2017, 13, .	5.2	1
111	Sr(Ti,Fe)O ₃ Based Intermediate Temperature Solid Oxide Fuel Cell Anode with Self-precipitated (Ni,Fe) and Gd _{0.1} Ce _{0.9} O ₂ Nano Particles. <i>Journal of the Electrochemical Society</i> , 2020, 167, 164507.	1.3	1
112	Electrical and Electrochemical Performances Evaluation of LaNi _{0.6} Fe _{0.4} O ₃ Cathode Contact and Current Collecting Layer in SOFCs. <i>Journal of the Electrochemical Society</i> , 2022, 169, 044531.	1.3	1