# Yu Chen

List of Publications by Year
in descending order



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|---|---|---|---|
| 118 papers | 6,391 citations | 71004 43 h-index | 78623 77 g-index |
| 120 all docs | 120 docs citations | 120 times ranked | 7118 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Triple-Phase Boundaries (TPBs) in Fuel Cells and Electrolyzers. , 2022, , 299-328. | | 2 |
| 2 | A high-performance and durable direct NH3 tubular protonic ceramic fuel cell integrated with an internal catalyst layer. Applied Catalysis B: Environmental, 2022, 306, 121071. | 10.8 | 33 |
| 3 | Activating the oxygen electrocatalytic activity of layer-structured Ca<sub>0.5</sub>CoO<sub>2</sub> nanofibers by iron doping. Dalton Transactions, 2022, 51, 3636-3641. | 1.6 | 0 |
| 4 | An efficient and durable anode for ammonia protonic ceramic fuel cells. Energy and Environmental Science, 2022, 15, 287-295. | 15.6 | 64 |
| 5 | A Y-doped BaCo0.4Fe0.4Zn0.2O3-Î´ perovskite air electrode with enhanced CO2 tolerance and ORR activity for protonic ceramic electrochemical cells. Separation and Purification Technology, 2022, 288, 120657. | 3.9 | 12 |
| 6 | Highly Active and Durable Air Electrodes for Reversible Protonic Ceramic Electrochemical Cells Enabled by an Efficient Bifunctional Catalyst. Advanced Energy Materials, 2022, 12, . | 10.2 | 57 |
| 7 | Highly selective reduction of CO2 through a protonic ceramic electrochemical cell. Journal of Power Sources, 2022, 524, 231101. | 4.0 | 6 |
| 8 | An Efficient Steamâ€Induced Heterostructured Air Electrode for Protonic Ceramic Electrochemical Cells. Advanced Functional Materials, 2022, 32, . | 7.8 | 47 |
| 9 | Mangrove Root-Inspired Carbon Nanotube Film for Micro-Direct Methanol Fuel Cells. ACS Applied Materials & Interfaces, 2022, 14, 19897-19906. | 4.0 | 6 |
| 10 | Surface restructuring of a perovskite-type air electrode for reversible protonic ceramic electrochemical cells. Nature Communications, 2022, 13, 2207. | 5.8 | 65 |
| 11 | Surface Regulating of a Doubleâ€Perovskite Electrode for Protonic Ceramic Fuel Cells to Enhance Oxygen Reduction Activity and Contaminants Poisoning Tolerance. Advanced Energy Materials, 2022, 12, . | 10.2 | 24 |
| 12 | Enhanced electrochemical activity and durability of a direct ammonia protonic ceramic fuel cell enabled by an internal catalyst layer. Separation and Purification Technology, 2022, 297, 121483. | 3.9 | 5 |
| 13 | Enhancing the oxygen reduction reaction activity and durability of a double-perovskite via an A-site tuning. Science China Materials, 2022, 65, 3043-3052. | 3.5 | 6 |
| 14 | General Synthesis of Tube-like Nanostructured Perovskite Oxides with Tunable Transition Metalâ€“Oxygen Covalency for Efficient Water Electrooxidation in Neutral Media. Journal of the American Chemical Society, 2022, 144, 13163-13173. | 6.6 | 39 |
| 15 | A straight, open and macro-porous fuel electrode-supported protonic ceramic electrochemical cell. Journal of Materials Chemistry A, 2021, 9, 10789-10795. | 5.2 | 23 |
| 16 | Enhancing Oxygen Reduction Activity and Cr Tolerance of Solid Oxide Fuel Cell Cathodes by a Multiphase Catalyst Coating. Advanced Functional Materials, 2021, 31, 2100034. | 7.8 | 56 |
| 17 | An Efficient Bifunctional Air Electrode for Reversible Protonic Ceramic Electrochemical Cells. Advanced Functional Materials, 2021, 31, 2105386. | 7.8 | 66 |
| 18 | A critical review on surface-pattern engineering of nafion membrane for fuel cell applications. Renewable and Sustainable Energy Reviews, 2021, 145, 110860. | 8.2 | 46 |

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|---|---|---|---|
| 19 | Enhanced Electrochemical Performance of a Ba<sub>0.5</sub>Sr<sub>0.5</sub>Co<sub>0.7</sub>Fe<sub>0.2</sub>Ni<sub>0.1</sub>O<sub>3â^'Î´</sub>â€"BaZr<sub>0.1</sub Composite Oxygen Electrode for Protonic Ceramic Electrochemical Cells. Energy & Fuels, 2021, 35, 14101-14109. | 2.5 | 12 |
| 20 | An oxygen reduction reaction active and durable SOFC cathode/electrolyte interface achieved via a cost-effective spray-coating. International Journal of Hydrogen Energy, 2021, 46, 32242-32249. | 3.8 | 19 |
| 21 | A Sr and Ni doped Ruddlesdenâ^'Popper perovskite oxide La1.6Sr0.4Cu0.6Ni0.4O4+Î´ as a promising cathode for protonic ceramic fuel cells. Journal of Power Sources, 2021, 509, 230369. | 4.0 | 31 |
| 22 | An improved oxygen reduction reaction activity and CO2-tolerance of La0.6Sr0.4Co0.2Fe0.8O3-Î´ achieved by a surface modification with barium cobaltite coatings. Journal of Power Sources, 2021, 514, 230573. | 4.0 | 24 |
| 23 | High-Performance, Thermal Cycling Stable, Coking-Tolerant Solid Oxide Fuel Cells with Nanostructured Electrodes. ACS Applied Materials & Interfaces, 2021, 13, 4993-4999. | 4.0 | 20 |
| 24 | Promotion of oxygen reduction reaction on a double perovskite electrode by a water-induced surface modification. Energy and Environmental Science, 2021, 14, 1506-1516. | 15.6 | 62 |
| 25 | Understanding the Impact of Sulfur Poisoning on the Methane-Reforming Activity of a Solid Oxide Fuel Cell Anode. ACS Catalysis, 2021, 11, 13556-13566. | 5.5 | 15 |
| 26 | Power generation from a symmetric flat-tube solid oxide fuel cell using direct internal dry-reforming of methane. Journal of Power Sources, 2021, 516, 230662. | 4.0 | 7 |
| 27 | Immobilizing Polysulfide by In Situ Topochemical Oxidation Derivative TiC@Carbonâ€Included TiO<sub>2</sub> Coreâ€"Shell Sulfur Hosts for Advanced Lithiumâ€"Sulfur Batteries. Small, 2020, 16, e2005998. | 5.2 | 24 |
| 28 | Efficient Water Splitting Actualized through an Electrochemistryâ€Induced Heteroâ€Structured Antiperovskite/(Oxy)Hydroxide Hybrid. Small, 2020, 16, e2006800. | 5.2 | 36 |
| 29 | A highly active and durable electrode with in situ exsolved Co nanoparticles for solid oxide electrolysis cells. Journal of Power Sources, 2020, 478, 229082. | 4.0 | 25 |
| 30 | Enhanced Cr-tolerance of an SOFC cathode by an efficient electro-catalyst coating. Nano Energy, 2020, 72, 104704. | 8.2 | 58 |
| 31 | A New Family of Protonâ€Conducting Electrolytes for Reversible Solid Oxide Cells: BaHf<i><sub>x</sub></i>Ce<sub>0.8â^'</sub><i><sub>x</sub></i>Y<sub>0.1</sub>Yb<sub>0.1</sub>O<sub>3â^'</sub><sub>Î´< Advanced Functional Materials, 2020, 30, 2002265. | 7.8 | 86 |
| 32 | Quantitative nanoscale tracking of oxygen vacancy diffusion inside single ceria grains by in situ transmission electron microscopy. Materials Today, 2020, 38, 24-34. | 8.3 | 23 |
| 33 | One Step Synthesis of Sr2Fe1.3Co0.2Mo0.5O6â^'Î´-Gd0.1Ce0.9O2â^'Î´ for Symmetrical Solid Oxide Fuel Cells. Journal of the Electrochemical Society, 2020, 167, 084503. | 1.3 | 8 |
| 34 | Domain Structures and PrCo Antisite Point Defects in Double-perovskite PrBaCo2O5+Î´. Microscopy and Microanalysis, 2019, 25, 2016-2017. | 0.2 | 0 |
| 35 | Lattice Boltzmann modelling of the coupling between charge transport and electrochemical reactions in a solid oxide fuel cell with a patterned anode. International Journal of Hydrogen Energy, 2019, 44, 30293-30305. | 3.8 | 11 |
| 36 | High-throughput 3D reconstruction of stochastic heterogeneous microstructures in energy storage materials. Npj Computational Materials, 2019, 5, . | 3.5 | 18 |

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|---|---|---|---|
| 37 | A Promising Composite Anode for Solid Oxide Fuel Cells: Sr<sub>2</sub>FeMo<sub>0.65</sub>Ni<sub>0.35</sub>O<sub>6-Î´</sub>-Gd<sub>0.1</sub>Ce<sub>0.9</sub>O<sub>2-Î´</sub> Journal of the Electrochemical Society, 2019, 166, F109-F113. | 2.8 | 19 |
| 38 | Effect of CO2 on La0.4Sr0.6Co0.2Fe0.7Nb0.1O3â€"Î´ cathode for solid oxide fuel cells. Journal of Electroanalytical Chemistry, 2019, 847, 113256. | 1.9 | 6 |
| 39 | Effective Promotion of Oxygen Reduction Reaction by in Situ Formation of Nanostructured Catalyst. ACS Catalysis, 2019, 9, 7137-7142. | 5.5 | 42 |
| 40 | Effect of humidity on La0.4Sr0.6Co0.2Fe0.7Nb0.1O3â^'Î´ cathode of solid oxide fuel cells. International Journal of Hydrogen Energy, 2019, 44, 3055-3062. | 3.8 | 14 |
| 41 | Three-dimensional porous composite framework assembled with CuO microspheres as anode current collector for lithium-ion batteries. Science China Technological Sciences, 2019, 62, 70-79. | 2.0 | 9 |
| 42 | Three-dimensional (3D) flower-like MoSe2/N-doped carbon composite as a long-life and high-rate anode material for sodium-ion batteries. Chemical Engineering Journal, 2019, 357, 226-236. | 6.6 | 92 |
| 43 | (Invited) Recent Developments in Intermediate-Temperature Reversible Fuel Cells. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 44 | High-Performance and Durable Reversible Fuel Cells Based on Proton Conductors. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 45 | Catalyst-Coated PrBa<sub>0.8</sub>Ca<sub>0.2</sub>Co<sub>2</sub>O<sub>5+Î"</sub> Cathode with High Cr-Poisoning Tolerance for Intermediate-Temperature Solid Oxide Fuel Cells. ECS Meeting Abstracts, 2019, MA2019-02, 1798-1798. | 0.0 | 1 |
| 46 | From Checkerboardâ€Like Sand Barriers to 3D Cu@CNF Composite Current Collectors for Highâ€Performance Batteries. Advanced Science, 2018, 5, 1800031. | 5.6 | 18 |
| 47 | A binder-free composite anode composed of CuO nanosheets and multi-wall carbon nanotubes for high-performance lithium-ion batteries. Electrochimica Acta, 2018, 267, 150-160. | 2.6 | 62 |
| 48 | Enhanced Water Management and Fuel Efficiency of a Fully Passive Direct Methanol Fuel Cell With Super-Hydrophilic/ -Hydrophobic Cathode Porous Flow-Field. Journal of Electrochemical Energy Conversion and Storage, 2018, 15, . | 1.1 | 7 |
| 49 | A Microâ€Cracked Conductive Layer Made of Multiwalled Carbon Nanotubes for Lithiumâ€Ion Batteries. Energy Technology, 2018, 6, 658-669. | 1.8 | 1 |
| 50 | Rational Design of Nickel Hydroxideâ€Based Nanocrystals on Graphene for Ultrafast Energy Storage. Advanced Energy Materials, 2018, 8, 1702247. | 10.2 | 211 |
| 51 | â€œOneâ€forâ€Allâ€• Strategy in Fast Energy Storage: Production of Pillared MOF Nanorodâ€Templated Positive/Negative Electrodes for the Application of Highâ€Performance Hybrid Supercapacitor. Small, 2018, 14, e1800285. | 5.2 | 75 |
| 52 | A Highly Efficient Multi-phase Catalyst Dramatically Enhances the Rate of Oxygen Reduction. Joule, 2018, 2, 938-949. | 11.7 | 221 |
| 53 | An effective strategy to enhancing tolerance to contaminants poisoning of solid oxide fuel cell cathodes. Nano Energy, 2018, 47, 474-480. | 8.2 | 76 |
| 54 | An In Situ Formed, Dualâ€Phase Cathode with a Highly Active Catalyst Coating for Protonic Ceramic Fuel Cells. Advanced Functional Materials, 2018, 28, 1704907. | 7.8 | 82 |

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|---|---|---|---|
| 55 | Chromium deposition and poisoning on Ba0.9Co0.7Fe0.2Nb0.1O3âˆ’Î´ cathode of solid oxide fuel cells. Electrochimica Acta, 2018, 289, 503-515. | 2.6 | 21 |
| 56 | Fluorine-Doped Carbon Surface Modification of Li-Rich Layered Oxide Composite Cathodes for High Performance Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 16399-16411. | 3.2 | 54 |
| 57 | A robust fuel cell operated on nearly dry methane at 500 Â°C enabled by synergistic thermal catalysis and electrocatalysis. Nature Energy, 2018, 3, 1042-1050. | 19.8 | 230 |
| 58 | Improving the Electrocatalytic Activity and Durability of the La<sub>0.6</sub>Sr<sub>0.4</sub>Co<sub>0.2</sub>Fe<sub>0.8</sub>O<sub>3âˆ’Î´</sub> Cathode by Surface Modification. ACS Applied Materials & Interfaces, 2018, 10, 39785-39793. | 4.0 | 71 |
| 59 | Effects of CO2 and H2O on Ba0.9Co0.7Fe0.2Nb0.1O3âˆ’Î´ cathode and modification by a Ce0.9Gd0.1O2âˆ’Î´ coating. Journal of Electroanalytical Chemistry, 2018, 827, 79-84. | 1.9 | 10 |
| 60 | A highly active, CO<sub>2</sub>-tolerant electrode for the oxygen reduction reaction. Energy and Environmental Science, 2018, 11, 2458-2466. | 15.6 | 202 |
| 61 | Domain structures and Prco antisite point defects in double-perovskite PrBaCo2O5+Î´ and PrBa0.8Ca0.2Co2O5+Î´. Ultramicroscopy, 2018, 193, 64-70. | 0.8 | 10 |
| 62 | A tailored double perovskite nanofiber catalyst enables ultrafast oxygen evolution. Nature Communications, 2017, 8, 14586. | 5.8 | 327 |
| 63 | A high-performance oxygen electrode for Liâ€"O<sub>2</sub> batteries: Mo<sub>2</sub>C nanoparticles grown on carbon fibers. Journal of Materials Chemistry A, 2017, 5, 5690-5695. | 5.2 | 46 |
| 64 | Promising Proton Conductor for Intermediate-Temperature Fuel Cells: Li<sub>13.9</sub>Sr<sub>0.1</sub>Zn(GeO<sub>4</sub>)<sub>4</sub>. Chemistry of Materials, 2017, 29, 1490-1495. | 3.2 | 25 |
| 65 | Snâ€MoS<sub>2</sub>â€C@C Microspheres as a Sodiumâ€Ion Battery Anode Material with High Capacity and Long Cycle Life. Chemistry - A European Journal, 2017, 23, 5051-5058. | 1.7 | 39 |
| 66 | An open circuit voltage equation enabling separation of cathode and anode polarization resistances of ceria electrolyte based solid oxide fuel cells. Journal of Power Sources, 2017, 357, 173-178. | 4.0 | 10 |
| 67 | Interfacial effects on electrical conductivity in ultrafine-grained Sm0.2Ce0.8O2âˆ’Î´ electrolytes fabricated by a two-step sintering process. International Journal of Hydrogen Energy, 2017, 42, 11823-11829. | 3.8 | 10 |
| 68 | Functionalized Bimetallic Hydroxides Derived from Metalâ€"Organic Frameworks for High-Performance Hybrid Supercapacitor with Exceptional Cycling Stability. ACS Energy Letters, 2017, 2, 1263-1269. | 8.8 | 167 |
| 69 | Effects of humidity on Ba0.9Co0.7Fe0.2Nb0.1O3âˆ’Î´ cathode performance and durability of Solid Oxide Fuel Cells. International Journal of Hydrogen Energy, 2017, 42, 6997-7002. | 3.8 | 18 |
| 70 | V<sub>5</sub>S<sub>8</sub>â€"graphite hybrid nanosheets as a high rate-capacity and stable anode material for sodium-ion batteries. Energy and Environmental Science, 2017, 10, 107-113. | 15.6 | 274 |
| 71 | A high-energy, long cycle-life hybrid supercapacitor based on graphene composite electrodes. Energy Storage Materials, 2017, 7, 32-39. | 9.5 | 157 |
| 72 | A durable polyvinyl butyral-CsH2PO4 composite electrolyte for solid acid fuel cells. Journal of Power Sources, 2017, 359, 1-6. | 4.0 | 9 |

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|---|---|---|---|
| 73 | A robust and active hybrid catalyst for facile oxygen reduction in solid oxide fuel cells. Energy and Environmental Science, 2017, 10, 964-971. | 15.6 | 204 |
| 74 | (Invited) Robust and Active Mixed-Conducting Electrodes for Intermediate-Temperature Fuel Cells. ECS Transactions, 2017, 80, 3-12. | 0.3 | 2 |
| 75 | Structural effects of expanded metal mesh used as a flow field for a passive direct methanol fuel cell. Applied Energy, 2017, 208, 184-194. | 5.1 | 24 |
| 76 | In-situ Transmission Electron Microscopy Study of Oxygen Vacancy Ordering and Dislocation Annihilation in Undoped and Sm-doped CeO2 Ceramics During Redox Processes. Microscopy and Microanalysis, 2017, 23, 1626-1627. | 0.2 | 0 |
| 77 | High Performance Solid Oxide Electrolysis Cells with Hierarchically Porous Ni-YSZ Electrode. ECS Transactions, 2017, 78, 3217-3228. | 0.3 | 0 |
| 78 | Toward a New Generation of Intermediate-Temperature Fuel Cells. ECS Transactions, 2017, 78, 1821-1829. | 0.3 | 0 |
| 79 | A Highly Efficient and Robust Nanofiber Cathode for Solid Oxide Fuel Cells. Advanced Energy Materials, 2017, 7, 1601890. | 10.2 | 109 |
| 80 | Toward a New Generation of Intermediate-Temperature Fuel Cells. ECS Meeting Abstracts, 2017, , . | 0.0 | 0 |
| 81 | High Performance Solid Oxide Electrolysis Cells with Hierarchically Porous Ni-YSZ Electrode. ECS Meeting Abstracts, 2017, , . | 0.0 | 0 |
| 82 | (Invited) Robust and Active Mixed-Conducting Electrodes for Intermediate-Temperature Fuel Cells. ECS Meeting Abstracts, 2017, , . | 0.0 | 0 |
| 83 | Plasma Glow Discharge as a Tool for Surface Modification of Catalytic Solid Oxides: A Case Study of La0.6Sr0.4Co0.2Fe0.8O3â˜'Î´ Perovskite. Energies, 2016, 9, 786. | 1.6 | 3 |
| 84 | <i>In-situ</i> transmission electron microscopy study of oxygen vacancy ordering and dislocation annihilation in undoped and Sm-doped CeO2 ceramics during redox processes. Journal of Applied Physics, 2016, 120, . | 1.1 | 15 |
| 85 | Inhibiting Sn coarsening to enhance the reversibility of conversion reaction in lithiated SnO2 anodes by application of super-elastic NiTi films. Acta Materialia, 2016, 109, 248-258. | 3.8 | 54 |
| 86 | Anode-supported solid oxide fuel cells based on Sm0.2Ce0.8O1.9 electrolyte fabricated by a phase-inversion and drop-coating process. International Journal of Hydrogen Energy, 2016, 41, 10907-10913. | 3.8 | 15 |
| 87 | Electrochemical fields within 3D reconstructed microstructures of mixed ionic and electronic conducting devices. Journal of Power Sources, 2016, 331, 167-179. | 4.0 | 13 |
| 88 | Nanocrystals-based Macroporous Materials Synthesized by Freeze-drying Combustion. Electrochimica Acta, 2016, 217, 187-194. | 2.6 | 4 |
| 89 | A dual-phase bilayer oxygen permeable membrane with hierarchically porous structure fabricated by freeze-drying tape-casting method. Journal of Membrane Science, 2016, 520, 354-363. | 4.1 | 27 |
| 90 | Composites of Single/Double Perovskites as Cathodes for Solid Oxide Fuel Cells. Energy Technology, 2016, 4, 804-808. | 1.8 | 11 |

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|---|---|---|---|
| 91 | Mechanism analysis of CO2 corrosion on Ba0.9Co0.7Fe0.2Nb0.1O3â<sup>ˆ</sup>'Î´ cathode. International Journal of Hydrogen Energy, 2016, 41, 1997-2001. | 3.8 | 23 |
| 92 | In situ X-ray diffraction characterization of NbS2 nanosheets as the anode material for sodium ion batteries. Journal of Power Sources, 2016, 325, 410-416. | 4.0 | 99 |
| 93 | A durable, high-performance hollow-nanofiber cathode for intermediate-temperature fuel cells. Nano Energy, 2016, 26, 90-99. | 8.2 | 93 |
| 94 | A high-performance, cobalt-free cathode for intermediate-temperature solid oxide fuel cells with excellent CO2 tolerance. Journal of Power Sources, 2016, 319, 178-184. | 4.0 | 30 |
| 95 | A high-precision approach to reconstruct distribution of relaxation times from electrochemical impedance spectroscopy. Journal of Power Sources, 2016, 308, 1-6. | 4.0 | 81 |
| 96 | Dramatically enhanced reversibility of Li<sub>2</sub>O in SnO<sub>2</sub>-based electrodes: the effect of nanostructure on high initial reversible capacity. Energy and Environmental Science, 2016, 9, 595-603. | 15.6 | 300 |
| 97 | High-performance solid oxide fuel cells based on a thin La0.8Sr0.2Ga0.8Mg0.2O3â^'Î´ electrolyte membrane supported by a nickel-based anode of unique architecture. Journal of Power Sources, 2016, 301, 199-203. | 4.0 | 28 |
| 98 | Nanoscale Surface Modification of Lithiumâ€Rich Layeredâ€Oxide Composite Cathodes for Suppressing Voltage Fade. Angewandte Chemie - International Edition, 2015, 54, 13058-13062. | 7.2 | 331 |
| 99 | Sulfurâ€Tolerant Hierarchically Porous Ceramic Anodeâ€Supported Solidâ€Oxide Fuel Cells with Selfâ€Precipitated Nanocatalyst. ChemElectroChem, 2015, 2, 672-678. | 1.7 | 23 |
| 100 | Reconstruction of relaxation time distribution from linear electrochemical impedance spectroscopy. Journal of Power Sources, 2015, 283, 464-477. | 4.0 | 164 |
| 101 | Co-electrolysis of H<sub>2</sub>O and CO<sub>2</sub>in a solid oxide electrolysis cell with hierarchically structured porous electrodes. Journal of Materials Chemistry A, 2015, 3, 15913-15919. | 5.2 | 41 |
| 102 | Surfactants assisted synthesis and electrochemical properties of nano-LiFePO 4 /C cathode materials for low temperature applications. Journal of Power Sources, 2015, 288, 337-344. | 4.0 | 49 |
| 103 | Stability Investigation for Symmetric Solid Oxide Fuel Cell with La<sub>0.4</sub>Sr<sub>0.6</sub>Co<sub>0.2</sub>Fe<sub>0.7</sub>Nb<sub>0.1</sub>O<sub>3-Î´</sub>Electrode. Journal of the Electrochemical Society, 2015, 162, F718-F721. | 1.3 | 44 |
| 104 | Low temperature co-sintering of Sr2Fe1.5Mo0.5O6â^'Î´â€"Gd0.1Ce0.9O2â^'Î´ anode-supported solid oxide fuel cells with Li2Oâ€"Gd0.1Ce0.9O2â^'Î´ electrolyte. Journal of Power Sources, 2015, 297, 271-275. | 4.0 | 12 |
| 105 | New formulas for the tortuosity factor of electrochemically conducting channels. Electrochemistry Communications, 2015, 60, 52-55. | 2.3 | 5 |
| 106 | Cu6Sn5@SnO2â€"C nanocomposite with stable core/shell structure as a high reversible anode for Li-ion batteries. Nano Energy, 2015, 18, 232-244. | 8.2 | 56 |
| 107 | La<sub>0.7</sub>Sr<sub>0.3</sub>Fe<sub>0.7</sub>Ga<sub>0.3</sub>O<sub>3â^'Î´</sub> as electrode material for a symmetrical solid oxide fuel cell. RSC Advances, 2015, 5, 2702-2705. | 1.7 | 44 |
| 108 | In-situ quantification of solid oxide fuel cell electrode microstructure by electrochemical impedance spectroscopy. Journal of Power Sources, 2015, 277, 277-285. | 4.0 | 61 |

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|---|---|---|---|
| 109 | Direct-methane solid oxide fuel cells with hierarchically porous Ni-based anode deposited with nanocatalyst layer. Nano Energy, 2014, 10, 1-9. | 8.2 | 100 |
| 110 | Hierarchically Oriented Macroporous Anode-Supported Solid Oxide Fuel Cell with Thin Ceria Electrolyte Film. ACS Applied Materials & Interfaces, 2014, 6, 5130-5136. | 4.0 | 87 |
| 111 | Synthesis of SnO<sub>2</sub>/MoS<sub>2</sub>composites with different component ratios and their applications as lithium ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 17857-17866. | 5.2 | 90 |
| 112 | Low temperature solid oxide fuel cells with hierarchically porous cathode nano-network. Nano Energy, 2014, 8, 25-33. | 8.2 | 144 |
| 113 | High performance low temperature solid oxide fuel cells with novel electrode architecture. RSC Advances, 2012, 2, 12118. | 1.7 | 37 |
| 114 | Performance enhancement of Ni-YSZ electrode by impregnation of Mo0.1Ce0.9O2+Î´. Journal of Power Sources, 2012, 204, 40-45. | 4.0 | 60 |
| 115 | Novel functionally graded acicular electrode for solid oxide cells fabricated by the freeze-tape-casting process. Journal of Power Sources, 2012, 213, 93-99. | 4.0 | 85 |
| 116 | Development and Fabrication of a New Concept Planarâ€tubular Solid Oxide Fuel Cell (PTâ€SOFC). Fuel Cells, 2011, 11, 451-458. | 1.5 | 3 |
| 117 | Sm0.2(Ce1âˆ’xTix)0.8O1.9 modified Niâ€“yttria-stabilized zirconia anode for direct methane fuel cell. Journal of Power Sources, 2011, 196, 4987-4991. | 4.0 | 37 |
| 118 | An Active and Robust Air Electrode for Reversible Protonic Ceramic Electrochemical Cells. ACS Energy Letters, 0, , 1511-1520. | 8.8 | 109 |