

Julian Dailly

List of Publications by Year in descending order

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20
papers

573
citations

567281

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752698

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674
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synthesis and Characterizations of Barium Zirconate "Alkali Carbonate Composite Electrolytes for Intermediate Temperature Fuel Cells. Journal of Composites Science, 2021, 5, 183. | 3.0 | 1 |
| 2 | Long term testing of BCZY-based protonic ceramic fuel cell PCFC: Micro-generation profile and reversible production of hydrogen and electricity. Solid State Ionics, 2017, 306, 69-75. | 2.7 | 29 |
| 3 | Advanced Proton Conducting Ceramic Cell as Energy Storage Device. ECS Transactions, 2017, 78, 3349-3363. | 0.5 | 10 |
| 4 | Nanoparticles Infiltration into SOFC Cathode Backbones. ECS Transactions, 2017, 78, 1979-1991. | 0.5 | 6 |
| 5 | Advanced Proton Conducting Ceramic Cell as Energy Storage Device. Journal of the Electrochemical Society, 2017, 164, F988-F994. | 2.9 | 19 |
| 6 | High performing BaCe _{0.8} Zr _{0.1} Y _{0.1} O _{3-\hat{r}} -Sm _{0.5} Sr _{0.5} CoO _{3-\hat{r}} based protonic ceramic fuel cell. Journal of Power Sources, 2017, 361, 221-226. | 7.8 | 48 |
| 7 | Life cycle assessment of the manufacture and operation of solid oxide electrolyser components and stacks. International Journal of Hydrogen Energy, 2016, 41, 13786-13796. | 7.1 | 26 |
| 8 | Elaboration of intermediate size planar proton conducting solid oxide cell by wet chemical routes: A way to industrialization. Solid State Ionics, 2015, 275, 97-100. | 2.7 | 18 |
| 9 | Numerical analysis of mass and heat transport in proton-conducting SOFCs with direct internal reforming. Applied Energy, 2015, 149, 161-175. | 10.1 | 60 |
| 10 | Evaluation of proton conducting BCY10-based anode supported cells by co-pressing method: Up-scaling, performances and durability. Journal of Power Sources, 2014, 255, 302-307. | 7.8 | 18 |
| 11 | Barium Borosilicate Sealing Glasses Synthesized by a Sol "Gel Process: Chemical Interactions with a Stainless Steel and Gas Tightness of a SOFC. Fuel Cells, 2014, 14, 1014-1021. | 2.4 | 2 |
| 12 | BCY-based proton conducting ceramic cell: 1000 h of long term testing in fuel cell application. Journal of Power Sources, 2013, 240, 323-327. | 7.8 | 37 |
| 13 | Sol "gel synthesis and characterization of barium (magnesium) aluminosilicate glass sealants for solid oxide fuel cells. Journal of Non-Crystalline Solids, 2011, 357, 3490-3494. | 3.1 | 17 |
| 14 | High-Temperature CO ₂ and H ₂ O Electrolysis with an Electrolyte-Supported Solid Oxide Cell. ECS Transactions, 2011, 35, 2949-2956. | 0.5 | 15 |
| 15 | Electrochemical properties of perovskite and A ₂ MO ₄ -type oxides used as cathodes in protonic ceramic half cells. Journal of Solid State Electrochemistry, 2011, 15, 245-251. | 2.5 | 44 |
| 16 | Intermediate Temperature Anode-Supported Fuel Cell Based on BaCe _{0.9} Y _{0.1} O ₃ Electrolyte with Novel Pr ₂ NiO ₄ Cathode. Fuel Cells, 2010, 10, 166-173. | 2.4 | 17 |
| 17 | Perovskite and A ₂ MO ₄ -type oxides as new cathode materials for protonic solid oxide fuel cells. Electrochimica Acta, 2010, 55, 5847-5853. | 5.2 | 152 |
| 18 | A ₂ MO ₄ + \hat{r} Oxides: Flexible Electrode Materials for Solid Oxide Cells. ECS Transactions, 2009, 25, 2537-2546. | 0.5 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Hydrogen diffusion in high temperature proton conducting ceramics. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 1430-1433. | 1.4 | 9 |
| 20 | Catalytic steam reforming of methane over La _{0.8} Sr _{0.2} CrO ₃ based Ru catalysts. Catalysis Today, 2007, 128, 264-268. | 4.4 | 18 |