

# Emiliana Fabbri

## List of Publications by Year in descending order

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109  
papers

10,735  
citations

34016

52  
h-index

30848

102  
g-index

114  
all docs

114  
docs citations

114  
times ranked

9818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developments and perspectives of oxide-based catalysts for the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2014, 4, 3800-3821.	2.1	1,006
2	Materials challenges toward proton-conducting oxide fuel cells: a critical review. <i>Chemical Society Reviews</i> , 2010, 39, 4355.	18.7	731
3	Dynamic surface self-reconstruction is the key of highly active perovskite nano-electrocatalysts for water splitting. <i>Nature Materials</i> , 2017, 16, 925-931.	13.3	696
4	High proton conduction in grain-boundary-free yttrium-doped barium zirconate films grown by pulsed laser deposition. <i>Nature Materials</i> , 2010, 9, 846-852.	13.3	472
5	Tailoring the chemical stability of $\text{Ba}(\text{Ce}_{0.8-x}\text{Zr}_x)\text{Y}_{0.2}\text{O}_{3-\delta}$ protonic conductors for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>Solid State Ionics</i> , 2008, 179, 558-564.	1.3	454
6	Towards the Next Generation of Solid Oxide Fuel Cells Operating Below 600 °C with Chemically Stable Proton-Conducting Electrolytes. <i>Advanced Materials</i> , 2012, 24, 195-208.	11.1	451
7	Iridium Oxide for the Oxygen Evolution Reaction: Correlation between Particle Size, Morphology, and the Surface Hydroxo Layer from Operando XAS. <i>Chemistry of Materials</i> , 2016, 28, 6591-6604.	3.2	347
8	Oxygen Evolution Reaction—The Enigma in Water Electrolysis. <i>ACS Catalysis</i> , 2018, 8, 9765-9774.	5.5	345
9	Thermodynamic explanation of the universal correlation between oxygen evolution activity and corrosion of oxide catalysts. <i>Scientific Reports</i> , 2015, 5, 12167.	1.6	309
10	$\text{IrO}_2\text{-TiO}_2$ : A High-Surface-Area, Active, and Stable Electrocatalyst for the Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2017, 7, 2346-2352.	5.5	264
11	Oxygen Evolution Reaction on $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ Perovskites: A Combined Experimental and Theoretical Study of Their Structural, Electronic, and Electrochemical Properties. <i>Chemistry of Materials</i> , 2015, 27, 7662-7672.	3.2	259
12	Functional Role of Fe-Doping in Co-Based Perovskite Oxide Catalysts for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 5231-5240.	6.6	250
13	Chemically Stable Pr and Y Co-Doped Barium Zirconate Electrolytes with High Proton Conductivity for Intermediate-Temperature Solid Oxide Fuel Cells. <i>Advanced Functional Materials</i> , 2011, 21, 158-166.	7.8	203
14	Does the increase in Y-dopant concentration improve the proton conductivity of $\text{BaZr}_{1-x}\text{Y}_x\text{O}_{3-\delta}$ fuel cell electrolytes?. <i>Solid State Ionics</i> , 2010, 181, 1043-1051.	1.3	173
15	Highly Active and Stable Iridium Pyrochlores for Oxygen Evolution Reaction. <i>Chemistry of Materials</i> , 2017, 29, 5182-5191.	3.2	172
16	High-performance composite cathodes with tailored mixed conductivity for intermediate temperature solid oxide fuel cells using proton conducting electrolytes. <i>Energy and Environmental Science</i> , 2011, 4, 4984.	15.6	147
17	Room-Temperature Giant Persistent Photoconductivity in $\text{SrTiO}_3/\text{LaAlO}_3$ Heterostructures. <i>ACS Nano</i> , 2012, 6, 1278-1283.	7.3	141
18	Determination of the Electrochemically Active Surface Area of Metal-Oxide Supported Platinum Catalyst. <i>Journal of the Electrochemical Society</i> , 2014, 161, H121-H128.	1.3	140

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19	Ionic conductivity in oxide heterostructures: the role of interfaces. <i>Science and Technology of Advanced Materials</i> , 2010, 11, 054503.	2.8	137
20	Lowering grain boundary resistance of BaZr <sub>0.8</sub> Y <sub>0.2</sub> O <sub>3-δ</sub> with LiNO <sub>3</sub> sintering-aid improves proton conductivity for fuel cell operation. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7692-7700.	1.3	121
21	Sinteractive anodic powders improve densification and electrochemical properties of BaZr <sub>0.8</sub> Y <sub>0.2</sub> O <sub>3-δ</sub> electrolyte films for anode-supported solid oxide fuel cells. <i>Energy and Environmental Science</i> , 2011, 4, 1352.	15.6	118
22	Electrode materials: a challenge for the exploitation of protonic solid oxide fuel cells. <i>Science and Technology of Advanced Materials</i> , 2010, 11, 044301.	2.8	116
23	Perovskite Oxide Based Electrodes for the Oxygen Reduction and Evolution Reactions: The Underlying Mechanism. <i>ACS Catalysis</i> , 2021, 11, 3094-3114.	5.5	115
24	Composite Cathodes for Proton Conducting Electrolytes. <i>Fuel Cells</i> , 2009, 9, 128-138.	1.5	113
25	Unraveling Thermodynamics, Stability, and Oxygen Evolution Activity of Strontium Ruthenium Perovskite Oxide. <i>ACS Catalysis</i> , 2017, 7, 3245-3256.	5.5	113
26	Composite Electrode Boosts the Activity of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-δ</sub> Perovskite and Carbon toward Oxygen Reduction in Alkaline Media. <i>ACS Catalysis</i> , 2014, 4, 1061-1070.	5.5	111
27	Chemically stable anode-supported solid oxide fuel cells based on Y-doped barium zirconate thin films having improved performance. <i>Electrochemistry Communications</i> , 2010, 12, 977-980.	2.3	107
28	The Effect of Platinum Loading and Surface Morphology on Oxygen Reduction Activity. <i>Electrocatalysis</i> , 2016, 7, 287-296.	1.5	106
29	Interfacial effects on the catalysis of the hydrogen evolution, oxygen evolution and CO <sub>2</sub> -reduction reactions for (co-)electrolyzer development. <i>Nano Energy</i> , 2016, 29, 4-28.	8.2	104
30	Superior Bifunctional Electrocatalytic Activity of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-δ</sub> /Carbon Composite Electrodes: Insight into the Local Electronic Structure. <i>Advanced Energy Materials</i> , 2015, 5, 1402033.	10.2	102
31	Design and fabrication of a chemically-stable proton conductor bilayer electrolyte for intermediate temperature solid oxide fuel cells (IT-SOFCs). <i>Energy and Environmental Science</i> , 2008, 1, 355.	15.6	98
32	Oxygen Evolution Reaction on Perovskites: A Multieffect Descriptor Study Combining Experimental and Theoretical Methods. <i>ACS Catalysis</i> , 2018, 8, 9567-9578.	5.5	98
33	Effect of Dopant-Host Ionic Radii Mismatch on Acceptor-Doped Barium Zirconate Microstructure and Proton Conductivity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9739-9747.	1.5	95
34	Effect of anode functional layer on the performance of proton-conducting solid oxide fuel cells (SOFCs). <i>Electrochemistry Communications</i> , 2012, 16, 37-40.	2.3	91
35	<i>Operando</i> X-ray characterization of high surface area iridium oxides to decouple their activity losses for the oxygen evolution reaction. <i>Energy and Environmental Science</i> , 2019, 12, 3038-3052.	15.6	90
36	Design of BaZr <sub>0.8</sub> Y <sub>0.2</sub> O <sub>3-δ</sub> Protonic Conductor to Improve the Electrochemical Performance in Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>Fuel Cells</i> , 2008, 8, 69-76.	1.5	88

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37	Electrocatalysis of Perovskites: The Influence of Carbon on the Oxygen Evolution Activity. <i>Journal of the Electrochemical Society</i> , 2015, 162, F579-F586.	1.3	88
38	Tensile Lattice Distortion Does Not Affect Oxygen Transport in Yttria-Stabilized Zirconia $\text{CeO}_2$ Heterointerfaces. <i>ACS Nano</i> , 2012, 6, 10524-10534.	7.3	84
39	A novel ionic diffusion strategy to fabricate high-performance anode-supported solid oxide fuel cells (SOFCs) with proton-conducting Y-doped $\text{BaZrO}_3$ films. <i>Energy and Environmental Science</i> , 2011, 4, 409-412.	15.6	83
40	Electrochemical Properties and Intermediate Temperature Fuel Cell Performance of Dense Yttrium-Doped Barium Zirconate with Calcium Addition. <i>Journal of the American Ceramic Society</i> , 2012, 95, 627-635.	1.9	81
41	Pt nanoparticles supported on Sb-doped $\text{SnO}_2$ porous structures: developments and issues. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 13672-13681.	1.3	78
42	Electrochemical Flow-Cell Setup for In Situ X-ray Investigations. <i>Journal of the Electrochemical Society</i> , 2016, 163, H906-H912.	1.3	71
43	Operando X-ray absorption spectroscopy: A powerful tool toward water splitting catalyst development. <i>Current Opinion in Electrochemistry</i> , 2017, 5, 20-26.	2.5	69
44	Sinteractivity, proton conductivity and chemical stability of $\text{BaZr}_{0.7}\text{In}_{0.3}\text{O}_{3-\delta}$ for solid oxide fuel cells (SOFCs). <i>Solid State Ionics</i> , 2011, 196, 59-64.	1.3	66
45	Tailoring mixed proton-electronic conductivity of $\text{BaZrO}_3$ by Y and Pr co-doping for cathode application in protonic SOFCs. <i>Solid State Ionics</i> , 2011, 202, 30-35.	1.3	65
46	Scalable Oxygen Ion Transport Kinetics in Metal Oxide Films: Impact of Thermally Induced Lattice Compaction in Acceptor Doped Ceria Films. <i>Advanced Functional Materials</i> , 2014, 24, 1562-1574.	7.8	65
47	Solid oxide fuel cells with proton-conducting $\text{La}_{0.99}\text{Ca}_{0.01}\text{NbO}_4$ electrolyte. <i>Electrochimica Acta</i> , 2018, 260, 748-754.	2.6	64
48	Highly Active Nanoperovskite Catalysts for Oxygen Evolution Reaction: Insights into Activity and Stability of $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{2+\delta}$ and $\text{PrBaCo}_2\text{O}_{5+\delta}$ . <i>Advanced Functional Materials</i> , 2018, 28, 1804355.	7.8	63
49	Design and Synthesis of Ir/Ru Pyrochlore Catalysts for the Oxygen Evolution Reaction Based on Their Bulk Thermodynamic Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 37748-37760.	4.0	61
50	$\text{BaZr}_{0.8}\text{Y}_{0.2}\text{O}_{3-\delta}$ -NiO Composite Anodic Powders for Proton-Conducting SOFCs Prepared by a Combustion Method. <i>Journal of the Electrochemical Society</i> , 2011, 158, B797.	1.3	59
51	Performance of Different Carbon Electrode Materials: Insights into Stability and Degradation under Real Vanadium Redox Flow Battery Operating Conditions. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1608-A1615.	1.3	57
52	Investigating the Role of Strain toward the Oxygen Reduction Activity on Model Thin Film Pt Catalysts. <i>ACS Catalysis</i> , 2016, 6, 7566-7576.	5.5	56
53	Correlation between Oxygen Vacancies and Oxygen Evolution Reaction Activity for a Model Electrode: $\text{PrBaCo}_2\text{O}_{5+\delta}$ . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14609-14619.	7.2	54
54	Mixed Protonic/Electronic Conductor Cathodes for Intermediate Temperature SOFCs Based on Proton Conducting Electrolytes. <i>Journal of the Electrochemical Society</i> , 2009, 156, B38.	1.3	48

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55	<i>Operando</i> X-ray absorption investigations into the role of Fe in the electrochemical stability and oxygen evolution activity of Ni <sub>1-x</sub> Fe <sub>x</sub> O <sub>y</sub> nanoparticles. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24534-24549.	5.2	45
56	Probing the solid-liquid interface with tender x rays: A new ambient-pressure x-ray photoelectron spectroscopy endstation at the Swiss Light Source. <i>Review of Scientific Instruments</i> , 2020, 91, 023103.	0.6	45
57	Co/Fe Oxyhydroxides Supported on Perovskite Oxides as Oxygen Evolution Reaction Catalyst Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34787-34795.	4.0	43
58	Oxygen evolution reaction activity and underlying mechanism of perovskite electrocatalysts at different pH. <i>Materials Advances</i> , 2021, 2, 345-355.	2.6	42
59	Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> Perovskite Activity towards the Oxygen Reduction Reaction in Alkaline Media. <i>ChemElectroChem</i> , 2014, 1, 338-342.	1.7	39
60	LaTiO <sub>x</sub> N <sub>y</sub> Thin Film Model Systems for Photocatalytic Water Splitting: Physicochemical Evolution of the Solid-Liquid Interface and the Role of the Crystallographic Orientation. <i>Advanced Functional Materials</i> , 2017, 27, 1605690.	7.8	38
61	Strontium and iron-doped barium cobaltite prepared by solution combustion synthesis: exploring a mixed-fuel approach for tailored intermediate temperature solid oxide fuel cell cathode materials. <i>Materials for Renewable and Sustainable Energy</i> , 2013, 2, 1.	1.5	36
62	Catalyzed SnO <sub>2</sub> Thin Films: Theoretical and Experimental Insights into Fabrication and Electrocatalytic Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11292-11302.	1.5	35
63	Vanadium (V) reduction reaction on modified glassy carbon electrodes – Role of oxygen functionalities and microstructure. <i>Carbon</i> , 2016, 109, 472-478.	5.4	33
64	Novel Ba <sub>0.5</sub> Sr <sub>0.5</sub> (Co <sub>0.8</sub> Fe <sub>0.2</sub> ) <sub>1-x</sub> Ti <sub>x</sub> O <sub>3-<math>\delta</math></sub> (x=0, 0.05, and 0.1) cathode materials for proton-conducting solid oxide fuel cells. <i>Solid State Ionics</i> , 2012, 214, 1-5.	1.3	32
65	Co-electrolysis of CO <sub>2</sub> and H <sub>2</sub> O: From electrode reactions to cell-level development. <i>Current Opinion in Electrochemistry</i> , 2020, 23, 89-95.	2.5	32
66	Electrode tailoring improves the intermediate temperature performance of solid oxide fuel cells based on a Y and Pr co-doped barium zirconate proton conducting electrolyte. <i>RSC Advances</i> , 2011, 1, 1183.	1.7	31
67	Stabilization of Pt Nanoparticles Due to Electrochemical Transistor Switching of Oxide Support Conductivity. <i>Chemistry of Materials</i> , 2017, 29, 2831-2843.	3.2	29
68	Low-temperature solid-oxide fuel cells based on proton-conducting electrolytes. <i>MRS Bulletin</i> , 2014, 39, 792-797.	1.7	28
69	Understanding the Influence of Carbon on the Oxygen Reduction and Evolution Activities of BSCF/Carbon Composite Electrodes in Alkaline Electrolyte. <i>ECS Transactions</i> , 2014, 58, 9-18.	0.3	26
70	Influence of Carbon Material Properties on Activity and Stability of the Negative Electrode in Vanadium Redox Flow Batteries: A Model Electrode Study. <i>ACS Applied Energy Materials</i> , 2018, 1, 1166-1174.	2.5	25
71	Facile deposition of Pt nanoparticles on Sb-doped SnO <sub>2</sub> support with outstanding active surface area for the oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2018, 8, 2672-2685.	2.1	25
72	Fe-Doping in Double Perovskite PrBaCo <sub>2</sub> (1-x)Fe <sub>2x</sub> O <sub>6-<math>\delta</math></sub> : Insights into Structural and Electronic Effects to Enhance Oxygen Evolution Catalyst Stability. <i>Catalysts</i> , 2019, 9, 263.	1.6	25

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73	Interface Effects on the Ionic Conductivity of Doped Ceria–Yttria-Stabilized Zirconia Heterostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14160-14169.	4.0	22
74	The Effect of Platinum Nanoparticle Distribution on Oxygen Electroreduction Activity and Selectivity. <i>ChemCatChem</i> , 2014, 6, 1410-1418.	1.8	20
75	Influence of surface oxygen groups on V(II) oxidation reaction kinetics. <i>Electrochemistry Communications</i> , 2017, 75, 13-16.	2.3	20
76	Composite Ormosil/Nafion Membranes as Electrolytes for Direct Methanol Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2007, 154, B1148.	1.3	19
77	Particle-Support Interferences in Small-Angle X-Ray Scattering from Supported-Catalyst Materials. <i>Physical Review Applied</i> , 2015, 3, .	1.5	19
78	Boosting Pt oxygen reduction reaction activity by tuning the tin oxide support. <i>Electrochemistry Communications</i> , 2017, 83, 90-95.	2.3	19
79	Growth mechanisms of ceria- and zirconia-based epitaxial thin films and hetero-structures grown by pulsed laser deposition. <i>Materials for Renewable and Sustainable Energy</i> , 2013, 2, 1.	1.5	18
80	Impact of Support Physicochemical Properties on the CO Oxidation and the Oxygen Reduction Reaction Activity of Pt/SnO <sub>2</sub> Electro-catalysts. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4739-4746.	1.5	18
81	Advanced Cathode Materials for Polymer Electrolyte Fuel Cells Based on Pt/ Metal Oxides: From Model Electrodes to Catalyst Systems. <i>Chimia</i> , 2014, 68, 217.	0.3	17
82	Synergistic effects in oxygen evolution activity of mixed iridium-ruthenium pyrochlores. <i>Electrochimica Acta</i> , 2021, 366, 137327.	2.6	17
83	A novel single chamber solid oxide fuel cell based on chemically stable thin films of Y-doped BaZrO <sub>3</sub> proton conducting electrolyte. <i>Energy and Environmental Science</i> , 2010, 3, 618.	15.6	16
84	Probing the bulk ionic conductivity by thin film hetero-epitaxial engineering. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 015001.	2.8	16
85	Surface Segregation Acts as Surface Engineering for the Oxygen Evolution Reaction on Perovskite Oxides in Alkaline Media. <i>Chemistry of Materials</i> , 2020, 32, 5256-5263.	3.2	16
86	Tuning the Surface Electrochemistry by Strained Epitaxial Pt Thin Film Model Electrodes Prepared by Pulsed Laser Deposition. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600222.	1.9	15
87	(Invited) Unraveling the Oxygen Reduction Reaction Mechanism and Activity of d-Band Perovskite Electro-catalysts for Low Temperature Alkaline Fuel Cells. <i>ECS Transactions</i> , 2014, 64, 1081-1093.	0.3	13
88	Durable Oxide-Based Catalysts for Application as Cathode Materials in Polymer Electrolyte Fuel Cells (PEFCs). <i>ECS Transactions</i> , 2013, 50, 9-17.	0.3	12
89	Direct evidence of cobalt oxyhydroxide formation on a La <sub>0.2</sub> Sr <sub>0.8</sub> CoO <sub>3</sub> perovskite water splitting catalyst. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2434-2444.	5.2	12
90	Tailoring phase stability and electrical conductivity of Sr <sub>0.02</sub> La <sub>0.98</sub> Nb <sub>1-x</sub> Ta <sub>x</sub> O <sub>4</sub> for intermediate temperature fuel cell proton conducting electrolytes. <i>Solid State Ionics</i> , 2012, 216, 6-10.	1.3	11

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91	Tuning the Co Oxidation State in Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-δ</sub> by Flame Spray Synthesis Towards High Oxygen Evolution Reaction Activity. <i>Catalysts</i> , 2020, 10, 984.	1.6	11
92	Iridium-Titanium Oxide as Support for Pt Catalyst in PEFC Cathodes. <i>ECS Transactions</i> , 2013, 58, 1835-1841.	0.3	10
93	Silicone Nanofilament Supported Nickel Oxide: A New Concept for Oxygen Evolution Catalysts in Water Electrolyzers. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500216.	1.9	10
94	Electrochemical Flow-Cell Setup for In Situ X-ray Investigations. <i>Journal of the Electrochemical Society</i> , 2016, 163, H913-H920.	1.3	10
95	BaZr <sub>x</sub> Y <sub>1-x</sub> O <sub>3-δ</sub> and BaCe <sub>1-x-z</sub> Zr <sub>x</sub> Y <sub>z</sub> O <sub>3-δ</sub> Proton Conductors For Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>ECS Transactions</i> , 2007, 7, 2337-2342.	0.3	7
96	Silicone Nanofilament-Supported Mixed Nickel-Metal Oxides for Alkaline Water Electrolysis. <i>Journal of the Electrochemical Society</i> , 2017, 164, F203-F208.	1.3	7
97	Enlightening the journey of metal-organic framework (derived) catalysts during the oxygen evolution reaction in alkaline media via operando X-ray absorption spectroscopy. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100845.	2.5	5
98	Improving the Performance of High Temperature Protonic Conductor (HTPC) Electrolytes for Solid Oxide Fuel Cell (SOFC) Applications. <i>Key Engineering Materials</i> , 0, 421-422, 336-339.	0.4	3
99	Pulsed Laser Deposition of Superlattices Based on Ceria and Zirconia. <i>ECS Transactions</i> , 2011, 35, 1125-1130.	0.3	3
100	Correlation between Oxygen Vacancies and Oxygen Evolution Reaction Activity for a Model Electrode: PrBaCo <sub>2</sub> O <sub>5+δ</sub> . <i>Angewandte Chemie</i> , 2021, 133, 14730-14740.	1.6	3
101	Exploring Highly Yttrium Doped Barium Zirconate Proton Conductor Electrolytes for Application in Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>ECS Transactions</i> , 2009, 25, 1745-1752.	0.3	2
102	Exploring Mixed Protonic/Electronic Conducting Oxides as Cathode Materials for Intermediate Temperature SOFCs Based on Proton Conducting Electrolytes. <i>ECS Transactions</i> , 2011, 35, 2305-2311.	0.3	2
103	BaCe <sub>1-x-y</sub> Zr <sub>x</sub> Y <sub>y</sub> O <sub>3-δ</sub> Protonic Conductor for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>ECS Transactions</i> , 2007, 6, 23-28.	0.3	1
104	Single Chamber Solid Oxide Fuel Cells (SC-SOFCs) based on a Proton Conducting Electrolyte. <i>ECS Transactions</i> , 2009, 25, 1001-1006.	0.3	1
105	Soft Chemistry Routes for the Synthesis of Sr <sub>0.02</sub> La <sub>0.98</sub> Nb <sub>0.6</sub> Ta <sub>0.4</sub> O <sub>4</sub> Proton Conductor. <i>Journal of the Electrochemical Society</i> , 2011, 158, B1485.	1.3	1
106	Investigation of Hydrogen-Like Muonium States in Nb-Doped SnO <sub>2</sub> Films. , 2018, , .		1
107	Synthesis and Characterization of BaZr <sub>0.8</sub> Y <sub>0.2</sub> O <sub>3</sub> Protonic Conductor for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>Materials Research Society Symposia Proceedings</i> , 2006, 972, 1.	0.1	0
108	Soft Chemistry Routes for the Synthesis of Sr <sub>0.02</sub> La <sub>0.98</sub> Nb <sub>0.6</sub> Ta <sub>0.4</sub> O <sub>4</sub> Proton Conductor. <i>ECS Transactions</i> , 2011, 35, 1235-1241.	0.3	0

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109	Performance of Solid Oxide Fuel Cells with In-Doped BaZrO <sub>3</sub> Electrolyte Films on Different Anode Substrates. ECS Transactions, 2011, 35, 797-804.	0.3	0