

Alessandra D'epifanio

List of Publications by Year in descending order

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125
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5,939
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81900

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all docs

125
docs citations

125
times ranked

6834
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Concept for the Synthesis of an Improved LiFePO ₄ Lithium Battery Cathode. <i>Electrochemical and Solid-State Letters</i> , 2002, 5, A47.	2.2	549
2	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.	27.5	472
3	Tailoring the chemical stability of Ba(Ce _{0.8} xZr _x)Y _{0.2} O ₃ protonic conductors for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>Solid State Ionics</i> , 2008, 179, 558-564.	2.7	454
4	Perovskite solar cells and large area modules (100 cm ²) based on an air flow-assisted Pbl ₂ blade coating deposition process. <i>Journal of Power Sources</i> , 2015, 277, 286-291.	7.8	332
5	Flexible Perovskite Photovoltaic Modules and Solar Cells Based on Atomic Layer Deposited Compact Layers and UV-irradiated TiO ₂ Scaffolds on Plastic Substrates. <i>Advanced Energy Materials</i> , 2015, 5, 1401808.	19.5	241
6	Nafion/TiO ₂ hybrid membranes for medium temperature polymer electrolyte fuel cells (PEFCs). <i>Journal of Power Sources</i> , 2005, 152, 16-21.	7.8	183
7	High efficiency CH ₃ NH ₃ PbI ₃ perovskite solar cells with poly(3-hexylthiophene) hole transport layer. <i>Journal of Power Sources</i> , 2014, 251, 152-156.	7.8	179
8	Vertical TiO ₂ Nanorods as a Medium for Stable and High-Efficiency Perovskite Solar Modules. <i>ACS Nano</i> , 2015, 9, 8420-8429.	14.6	174
9	Solid-state solar modules based on mesoscopic organometal halide perovskite: a route towards the up-scaling process. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3918.	2.8	158
10	An electrochemical impedance spectroscopic study of the transport properties of LiNi _{0.75} Co _{0.25} O ₂ . <i>Electrochemistry Communications</i> , 1999, 1, 605-608.	4.7	113
11	High efficiency photovoltaic module based on mesoscopic organometal halide perovskite. <i>Progress in Photovoltaics: Research and Applications</i> , 2016, 24, 436-445.	8.1	112
12	Composite Nafion/Sulfated Zirconia Membranes: Effect of the Filler Surface Properties on Proton Transport Characteristics. <i>Chemistry of Materials</i> , 2010, 22, 813-821.	6.7	103
13	Iron/Polyindole-based Electrocatalysts to Enhance Oxygen Reduction in Microbial Fuel Cells. <i>Electrochimica Acta</i> , 2016, 190, 388-395.	5.2	101
14	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.	30.8	98
15	Facile synthesis of graphene-phthalocyanine composites as oxygen reduction electrocatalysts in microbial fuel cells. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 699-707.	20.2	89
16	Design of BaZr _{0.8} Y _{0.2} O ₃ Protonic Conductor to Improve the Electrochemical Performance in Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>Fuel Cells</i> , 2008, 8, 69-76.	2.4	88
17	Using olive mill wastewater to improve performance in producing electricity from domestic wastewater by using single-chamber microbial fuel cell. <i>Bioresource Technology</i> , 2013, 147, 246-253.	9.6	79
18	Titania Nanosheets (TNS)/Sulfonated Poly Ether Ether Ketone (SPEEK) Nanocomposite Proton Exchange Membranes for Fuel Cells. <i>Chemistry of Materials</i> , 2010, 22, 1126-1133.	6.7	75

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19	Graphene oxide nanoplatfoms to enhance catalytic performance of iron phthalocyanine for oxygen reduction reaction in bioelectrochemical systems. <i>Journal of Power Sources</i> , 2017, 356, 381-388.	7.8	75
20	TCO-free flexible organo metal trihalide perovskite planar-heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2015, 140, 150-157.	6.2	72
21	A covalent organic/inorganic hybrid proton exchange polymeric membrane: synthesis and characterization. <i>Polymer</i> , 2005, 46, 1754-1758.	3.8	70
22	Sulfonated polyether ether ketone and hydrated tin oxide proton conducting composites for direct methanol fuel cell applications. <i>Journal of Power Sources</i> , 2008, 178, 554-560.	7.8	67
23	Design of Iron(II) Phthalocyanine-Derived Oxygen Reduction Electrocatalysts for High-Power-Density Microbial Fuel Cells. <i>ChemSusChem</i> , 2017, 10, 3243-3251.	6.8	67
24	Organically functionalized titanium oxide/Nafion composite proton exchange membranes for fuel cells applications. <i>Journal of Power Sources</i> , 2014, 248, 1127-1132.	7.8	65
25	MnOx-based electrocatalysts for enhanced oxygen reduction in microbial fuel cell air cathodes. <i>Journal of Power Sources</i> , 2018, 390, 45-53.	7.8	64
26	Nano-structured perovskite oxide electrodes for planar electrochemical sensors using tape casted YSZ layers. <i>Journal of the European Ceramic Society</i> , 2004, 24, 1187-1190.	5.7	63
27	Iron chelates as low-cost and effective electrocatalyst for oxygen reduction reaction in microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 6462-6469.	7.1	61
28	Characterization of sulfated-zirconia/Nafion® composite membranes for proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2012, 198, 66-75.	7.8	58
29	Electricity generation using white and red wine lees in air cathode microbial fuel cells. <i>Journal of Power Sources</i> , 2015, 274, 393-399.	7.8	58
30	SPEEK/PPSU-based organic-inorganic membranes: proton conducting electrolytes in anhydrous and wet environments. <i>Journal of Membrane Science</i> , 2006, 279, 186-191.	8.2	56
31	Metal-free activated biochar as an oxygen reduction reaction catalyst in single chamber microbial fuel cells. <i>Journal of Power Sources</i> , 2020, 462, 228183.	7.8	56
32	La _{0.8} Sr _{0.2} Fe _{0.8} Cu _{0.2} O ₃ as a cobalt-free cathode for La _{0.8} Sr _{0.2} Ga _{0.8} Mg _{0.2} O ₃ electrolyte. <i>Journal of Power Sources</i> , 2014, 271, 187-194.	7.8	52
33	Hybrid materials for polymer electrolyte membrane fuel cells: Water uptake, mechanical and transport properties. <i>Journal of Membrane Science</i> , 2007, 304, 76-81.	8.2	51
34	Iron-nitrogen-functionalized carbon as efficient oxygen reduction reaction electrocatalyst in microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 19637-19644.	7.1	47
35	Carbon-Supported Zirconium Oxide as a Cathode for Microbial Fuel Cell Applications. <i>ChemPlusChem</i> , 2016, 81, 80-85.	2.8	47
36	Carbon-supported Fe/Mn-based perovskite-type oxides boost oxygen reduction in bioelectrochemical systems. <i>Carbon</i> , 2019, 145, 716-724.	10.3	47

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37	Sulfonated Polyether Ether Ketone-Based Composite Membranes Doped with a Tungsten-Based Inorganic Proton Conductor for Fuel Cell Applications. <i>Journal of the Electrochemical Society</i> , 2006, 153, A463.	2.9	44
38	DSC and DVS Investigation of Water Mobility in Nafion/Zeolite Composite Membranes for Fuel Cell Applications. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20820-20829.	3.1	44
39	Ruthenium Oxide-Added Quartz Iron Phosphate as a New Intercalation Electrode in Rechargeable Lithium Cells. <i>Journal of the Electrochemical Society</i> , 2003, 150, A576.	2.9	39
40	Electrochemical performance of spin coated dense BaZr _{0.80} Y _{0.16} Zn _{0.04} O _{3-δ} membranes. <i>Journal of Power Sources</i> , 2012, 220, 280-285.	7.8	39
41	Effect of filler surface functionalization on the performance of Nafion/Titanium oxide composite membranes. <i>Electrochimica Acta</i> , 2014, 147, 418-425.	5.2	39
42	Metallic-lithium, LiFePO ₄ -based polymer battery using PEO- ZrO_2 -nanocomposite polymer electrolyte. <i>Journal of Applied Electrochemistry</i> , 2004, 34, 403-408.	2.9	37
43	Characterization of phospho-olivines as materials for Li-ion cell cathodes. <i>Ionics</i> , 2002, 8, 17-26.	2.4	36
44	Electrophoretic deposition of dense BaCe _{0.9} Y _{0.1} O _{3-δ} electrolyte thick-films on Ni-based anodes for intermediate temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2009, 190, 417-422.	7.8	36
45	SPPSU-based hybrid proton conducting polymeric electrolytes for intermediate temperature PEMFCs. <i>Journal of Power Sources</i> , 2007, 167, 79-83.	7.8	34
46	Power generation using a low-cost sulfated zirconium oxide based cathode in single chamber microbial fuel cells. <i>Journal of Alloys and Compounds</i> , 2017, 693, 170-176.	5.5	34
47	Platinum Group Metal-Free Catalysts for Oxygen Reduction Reaction: Applications in Microbial Fuel Cells. <i>Catalysts</i> , 2020, 10, 475.	3.5	34
48	Development of Nafion/Tin Oxide Composite MEA for DMFC Applications. <i>Fuel Cells</i> , 2010, 10, 790-797.	2.4	33
49	Structural analysis, phase stability and electrochemical characterization of Nb doped BaCe _{0.9} Y _{0.1} O _{3-δ} electrolyte for IT-SOFCs. <i>Journal of Power Sources</i> , 2012, 199, 201-206.	7.8	33
50	High Voltage Lithium Polymer Cells Using a PAN-Based Composite Electrolyte. <i>Journal of the Electrochemical Society</i> , 2002, 149, A414.	2.9	32
51	Advanced electrolyte and electrode materials for lithium polymer batteries. <i>Journal of Power Sources</i> , 2003, 119-121, 399-402.	7.8	32
52	Communication- $\text{Sulfonated Poly (ether ether ketone) as Cation Exchange Membrane for Alkaline Redox Flow Batteries}$. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1137-A1139.	2.9	32
53	PEO based polymer electrolyte lithium-ion battery. <i>Journal of the European Ceramic Society</i> , 2004, 24, 1385-1387.	5.7	30
54	Enhancement of proton mobility and mitigation of methanol crossover in sPEEK fuel cells by an organically modified titania nanofiller. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1585-1598.	2.5	30

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55	Oxygen Reduction Reaction Electrocatalysts Derived from Iron Salt and Benzimidazole and Aminobenzimidazole Precursors and Their Application in Microbial Fuel Cell Cathodes. <i>ACS Applied Energy Materials</i> , 2018, 1, 5755-5765.	5.1	29
56	Iron(II) phthalocyanine (FePc) over carbon support for oxygen reduction reaction electrocatalysts operating in alkaline electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 93-104.	2.5	29
57	Electrocatalytic CO ₂ reduction on nanostructured metal-based materials: Challenges and constraints for a sustainable pathway to decarbonization. <i>Journal of CO₂ Utilization</i> , 2021, 50, 101579.	6.8	29
58	Thermal, electrochemical and structural properties of stabilized LiNi _y Co _{1-y} ZnO ₂ lithium-ion cathode material prepared by a chemical route. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4399-4403.	2.8	28
59	New concepts for the development of lithium and proton conducting membranes. <i>Electrochimica Acta</i> , 2003, 48, 2009-2014.	5.2	27
60	Lithium and proton conducting gel-type membranes. <i>Journal of Power Sources</i> , 2004, 127, 53-57.	7.8	26
61	Anode Supported Protonic Solid Oxide Fuel Cells Fabricated Using Electrophoretic Deposition. <i>Fuel Cells</i> , 2011, 11, 165-171.	2.4	26
62	Highly ion selective hydrocarbon-based membranes containing sulfonated hypercrosslinked polystyrene nanoparticles for vanadium redox flow batteries. <i>Journal of Membrane Science</i> , 2018, 563, 552-560.	8.2	26
63	Ormosil/Sulfonated Polyetheretherketone-Based Hybrid Composite Proton Conducting Membranes. <i>Journal of the Electrochemical Society</i> , 2006, 153, A1226.	2.9	23
64	Poly(phenylene sulfide sulfone) based membranes with improved stability for vanadium redox flow batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18845-18853.	10.3	23
65	Effect of a Proton Conducting Filler on the Physicochemical Properties of SPEEK-Based Membranes. <i>Fuel Cells</i> , 2009, 9, 372-380.	2.4	22
66	Effect of Mg ²⁺ Doping on the Structural, Thermal, and Electrochemical Properties of LiNi _{0.8} Co _{0.16} Mg _{0.04} O ₂ . <i>Chemistry of Materials</i> , 2004, 16, 3559-3564.	6.7	20
67	Composite Ormosil/Nafion Membranes as Electrolytes for Direct Methanol Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2007, 154, B1148.	2.9	19
68	Effect of Active Site Poisoning on Iron-Nitrogen-Carbon Platinum-Group-Metal-Free Oxygen Reduction Reaction Catalysts Operating in Neutral Media: A Rotating Disk Electrode Study. <i>ChemElectroChem</i> , 2020, 7, 3044-3055.	3.4	19
69	Proton Conducting Hybrid Membranes Based on Aromatic Polymers Blends for Direct Methanol Fuel Cell Applications. <i>Fuel Cells</i> , 2009, 9, 387-393.	2.4	17
70	A novel single chamber solid oxide fuel cell based on chemically stable thin films of Y-doped BaZrO ₃ proton conducting electrolyte. <i>Energy and Environmental Science</i> , 2010, 3, 618.	30.8	16
71	Sulfated zirconium oxide as electrode and electrolyte additive for direct methanol fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11241-11249.	7.1	14
72	Tailoring active sites of iron-nitrogen-carbon catalysts for oxygen reduction in alkaline environment: Effect of nitrogen-based organic precursor and pyrolysis atmosphere. <i>Electrochimica Acta</i> , 2021, 391, 138899.	5.2	14

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73	La _{0.8} Sr _{0.2} Ga _{0.8} Mg _{0.2} O ₃ thin films for IT-SOFCs: Microstructure and transport properties correlation. <i>Journal of Power Sources</i> , 2013, 222, 10-14.	7.8	13
74	Metalloporphyrins Supported on Carbon Nanostructures as Oxygen Reduction Electrocatalysts in Neutral Media. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4760-4765.	2.0	13
75	Optimization of PGM-free cathodes for oxygen reduction in microbial fuel cells. <i>Electrochimica Acta</i> , 2020, 334, 135650.	5.2	12
76	Investigating the factors that influence resistance rise of PIM-1 membranes in nonaqueous electrolytes. <i>Electrochemistry Communications</i> , 2019, 107, 106530.	4.7	11
77	Iron-Based Electrocatalysts for Energy Conversion: Effect of Ball Milling on Oxygen Reduction Activity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5278.	2.5	11
78	Nanostructured Fe-N-C as Bifunctional Catalysts for Oxygen Reduction and Hydrogen Evolution. <i>Catalysts</i> , 2021, 11, 1525.	3.5	11
79	Effect of an ormosil-based filler on the physico-chemical and electrochemical properties of Nafion membranes. <i>Journal of Power Sources</i> , 2007, 169, 247-252.	7.8	10
80	Development of glucose oxidase-based bioanodes for enzyme fuel cell applications. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 181-190.	2.9	10
81	Interaction of vanadium species with a functionalized graphite electrode: A combined theoretical and experimental study for flow battery applications. <i>Journal of Power Sources</i> , 2019, 420, 134-142.	7.8	10
82	Tailoring morphology and structure of manganese oxide nanomaterials to enhance oxygen reduction in microbial fuel cells. <i>Synthetic Metals</i> , 2020, 268, 116487.	3.9	10
83	Proton-conducting electrolytes based on silylated and sulfonated polyetheretherketone: Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2178-2186.	2.3	9
84	CO ₂ -CH ₄ Reforming High Temperature Proton Conductor (HTPC) Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2011, 158, B1368.	2.9	9
85	Air-breathing cathodes for microbial fuel cells based on iron-nitrogen-carbon electrocatalysts. <i>Bioelectrochemistry</i> , 2022, 146, 108103.	4.6	9
86	Fabrication of Proton Conducting Solid Oxide Fuel Cells by using Electrophoretic Deposition. <i>ECS Transactions</i> , 2009, 25, 577-584.	0.5	8
87	Iron-Based Electrocatalysts Supported on Nanostructured Carbon to Enhance Oxygen Reduction in Microbial Fuel Cells. <i>ECS Transactions</i> , 2016, 72, 9-15.	0.5	8
88	BaZr _{1-x} Y _x O _{3-d} and BaCe _{1-x-z} Zr _z Y _z O _{3-d} Proton Conductors For Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). <i>ECS Transactions</i> , 2007, 7, 2337-2342.	0.5	7
89	Improvement of DMFC Electrode Kinetics by Using Nanohorns Catalyst Support. <i>Materials Science Forum</i> , 2010, 638-642, 1106-1111.	0.3	6
90	Layered tetratitanate intercalating sulfanilic acid for organic/inorganic proton conductors. <i>Solid State Ionics</i> , 2012, 227, 73-79.	2.7	6

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91	Nafion/Tin Oxide Composite Membranes for Direct Methanol Fuel Cells. ECS Transactions, 2009, 25, 1935-1941.	0.5	4
92	Preparation and spectroscopic studies of silica nanoparticle-porphyrin hybrids held by noncovalent interactions. Journal of Porphyrins and Phthalocyanines, 2011, 15, 382-390.	0.8	4
93	Composite Polymer Electrolytes for Fuel Cell Applications: Filler-Induced Effect on Water Sorption and Transport Properties. ChemPhysChem, 2013, 14, 3814-3821.	2.1	4
94	Deposition and electrochemical characterization of Yttrium doped Barium cerate and zirconate heterostructures. Thin Solid Films, 2014, 562, 264-268.	1.8	4
95	Redox-active coordination polymers as bifunctional electrolytes in slurry-based aqueous batteries at neutral pH. Journal of Electroanalytical Chemistry, 2021, 895, 115442.	3.8	4
96	Improving the Performance of High Temperature Protonic Conductor (HTPC) Electrolytes for Solid Oxide Fuel Cell (SOFC) Applications. Key Engineering Materials, 0, 421-422, 336-339.	0.4	3
97	Opportunities of Atomic Layer Deposition for Perovskite Solar Cells. ECS Transactions, 2015, 69, 15-22.	0.5	3
98	Crosslinked sulfonated poly(phenylene sulfide sulfone) membranes for vanadium redox flow batteries. Sustainable Materials and Technologies, 2021, 28, e00249.	3.3	3
99	Internal Methane Reforming High Temperature Proton Conductor (HTPC) Fuel Cells. ECS Transactions, 2011, 35, 785-795.	0.5	2
100	A Glucose Biofuel Cell to Generate Electricity. ECS Transactions, 2011, 35, 1-8.	0.5	2
101	Yttrium Doped Barium Cerate and Zirconate Heterostructures: Deposition and Electrochemical Characterization. ECS Transactions, 2013, 57, 1059-1068.	0.5	2
102	Mesoscopic perovskite solar cells and modules. , 2014, , .		2
103	Proton Conducting Composite Membranes from Polyether Ether Ketone and Hydrated Metal Oxides. ECS Transactions, 2006, 3, 151-156.	0.5	1
104	BaCe _{1-x} Yzr _x Y _{0.3-d} Protonic Conductor for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). ECS Transactions, 2007, 6, 23-28.	0.5	1
105	SPEEK-based Composite Membranes for Direct Methanol Fuel Cells. Materials Research Society Symposia Proceedings, 2008, 1126, 1.	0.1	1
106	Single Chamber Solid Oxide Fuel Cells (SC-SOFCs) based on a Proton Conducting Electrolyte. ECS Transactions, 2009, 25, 1001-1006.	0.5	1
107	Phase Stability and Electrochemical Analysis of Nb Doped BaCe _{0.9} Y _{0.1} O _{3-x} Electrolyte for IT-SOFCs. ECS Transactions, 2010, 28, 259-265.	0.5	1
108	Layered Titanates Intercalating Organic Guest Spacers for Organic/Inorganic Proton Conductors. ECS Transactions, 2011, 41, 2091-2096.	0.5	1

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109	Spin-Coated La _{0.8} Sr _{0.2} Ga _{0.8} Mg _{0.2} O _{3-δ} Electrolyte on Infiltrated Anodes for Direct Methane Fuel Cells. ECS Transactions, 2013, 57, 1371-1378.	0.5	1
110	Innovative Redox Flow Battery Systems for the Implementation of Flexible Microgrids. , 2018, , .		1
111	Thermal, Electrochemical and In-Situ Structural Study of Stabilized LiNi _y Co _{1-y-z} M _z O ₂ (M = Al and Mg) Lithium-Ion Cathode Materials Prepared by a Soft Chemistry Route. Key Engineering Materials, 2002, 206-213, 1519-1522.	0.4	0
112	Synthesis, spectroscopic and electrochemical characterization of hybrid membranes for Polymer Electrolyte Membrane Fuel Cells.. Materials Research Society Symposia Proceedings, 2004, 835, K9.11.1.	0.1	0
113	Co-Sintering of Dense Electrophoretically Deposited YSZ Films on Porous NiO-YSZ Substrates for SOFC Applications. Materials Research Society Symposia Proceedings, 2004, 835, K3.1.1.	0.1	0
114	Proton Conducting Electrolyte Membranes based on Tungsten Oxide and Sulfonated Polyether Ether Ketone Hybrid Composites. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	0
115	Functionalized ORMOSIL-Based Hybrid Membranes for Polymer Electrolyte Membrane Fuel Cells. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	0
116	Synthesis and Characterization of BaZr _{0.8} Y _{0.2} O ₃ Protonic Conductor for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFCs). Materials Research Society Symposia Proceedings, 2006, 972, 1.	0.1	0
117	Ormosil-Nafion Composite Membranes for PEM Fuel Cells. ECS Transactions, 2006, 3, 157-162.	0.5	0
118	Hybrid Membranes Based on Aromatic Polymer Blends for Fuel Cell Applications. Materials Research Society Symposia Proceedings, 2008, 1126, 1.	0.1	0
119	SnO ₂ -Ionomer Composites: A Comparative Study of the Transport Properties. ECS Transactions, 2010, 28, 133-139.	0.5	0
120	Functionalized Metal Oxides for PEMFC Applications. ECS Meeting Abstracts, 2011, , .	0.0	0
121	Functionalized Metal Oxides for PEMFC Applications. ECS Transactions, 2011, 41, 2297-2303.	0.5	0
122	An Investigation of Inorganic/Ionomer Composite Electrolyte Membranes by Dynamic Vapor Sorption. ECS Transactions, 2011, 35, 99-106.	0.5	0
123	Device architectures with nanocrystalline mesoporous scaffolds and thin compact layers for flexible perovskite solar cells and modules. , 2015, , .		0
124	Membranes for Aqueous All Vanadium Redox Flow Battery. ECS Meeting Abstracts, 2016, , .	0.0	0
125	Membrane and Electrolyte Optimization for Quinone-Bromide Redox Flow Battery. ECS Meeting Abstracts, 2017, , .	0.0	0