

R Paul Brooker

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

643
citations

759233

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839539

18
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21
all docs

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docs citations

21
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Calendar aging of commercial Li-ion cells of different chemistries – A review. <i>Current Opinion in Electrochemistry</i> , 2018, 9, 106-113.	4.8	120
2	The degradation mitigation effect of cerium oxide in polymer electrolyte membranes in extended fuel cell durability tests. <i>Journal of Power Sources</i> , 2013, 225, 75-83.	7.8	92
3	Rigid-Rod Poly(phenylenesulfonic acid) Proton Exchange Membranes with Cross-Linkable Biphenyl Groups for Fuel Cell Applications. <i>Macromolecules</i> , 2013, 46, 422-433.	4.8	85
4	Manufacturing metrology for c-Si module reliability and durability Part III: Module manufacturing. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 992-1016.	16.4	59
5	Determining Vanadium Concentrations Using the UV-Vis Response Method. <i>Journal of the Electrochemical Society</i> , 2015, 162, A608-A613.	2.9	58
6	Identification of potential locations of electric vehicle supply equipment. <i>Journal of Power Sources</i> , 2015, 299, 76-84.	7.8	44
7	Manufacturing metrology for c-Si module reliability and durability Part II: Cell manufacturing. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 225-252.	16.4	38
8	Perfluorinated Sulfonic Acid Membrane and Membrane Electrode Assembly Degradation Correlating Accelerated Stress Testing and Lifetime Testing. <i>ECS Transactions</i> , 2013, 58, 129-148.	0.5	32
9	Manufacturing metrology for c-Si photovoltaic module reliability and durability, Part I: Feedstock, crystallization and wafering. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 84-106.	16.4	30
10	Low equivalent weight Friedel-Crafts cross-linked sulfonated poly(ether ether ketone). <i>Journal of Membrane Science</i> , 2011, 376, 290-301.	8.2	20
11	Effects of Silicotungstic Acid Addition to the Electrodes of Polymer Electrolyte Membrane Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2009, 156, B1317.	2.9	15
12	Comparison of Proton Exchange Membranes Degradation Rates between Accelerated and Performance Tests. <i>Journal of the Electrochemical Society</i> , 2012, 159, F338-F352.	2.9	13
13	Composite Polymer Electrolyte Membranes Based on Stabilized Phosphotungstic Acid and Sulfonated Poly(etheretherketone) for Fuel Cell Applications. <i>Journal of the Electrochemical Society</i> , 2010, 157, B1095.	2.9	10
14	Influence of trace oxygen in low-crossover proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2012, 218, 181-186.	7.8	8
15	Pareto analysis of critical challenges for emerging manufacturing technologies in silicon photovoltaics. <i>Solar Energy</i> , 2014, 107, 681-691.	6.1	8
16	Decreasing Membrane Degradation through Heteropolyacid Sub-layers. <i>Journal of the Electrochemical Society</i> , 2013, 160, F75-F80.	2.9	5
17	A review of manufacturing metrology for improved reliability of silicon photovoltaic modules. , 2014, , ,		2
18	Challenges associated with diamond wire sawing when generating reduced thickness mono-crystalline silicon wafers. , 2016, , ,		2

#	ARTICLE	IF	CITATIONS
19	Enhanced PEMFC Cathode Kinetics at 120{degree sign}C and Low Relative Humidity Using Heteropolyacid Additives. ECS Transactions, 2008, 13, 31-39.	0.5	1
20	Fuel Cell Vehicles as Back-Up Power Options. Electrochemical Society Interface, 2015, 24, 57-60.	0.4	1
21	Enhanced PEMFC Performance and Durability at 120{degree sign}C and Low Relative Humidity Using Heteropolyacids. ECS Transactions, 2009, 25, 423-432.	0.5	0