

# Göran Lindbergh

## List of Publications by Year in descending order

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226  
papers

8,776  
citations

36303

51  
h-index

62596

80  
g-index

227  
all docs

227  
docs citations

227  
times ranked

8289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametrization of physics-based battery models from input–output data: A review of methodology and current research. <i>Journal of Power Sources</i> , 2022, 521, 230859.	7.8	37
2	Evaluation of energy management strategies for fuel cell/battery-powered underwater vehicles against field trial data. <i>Energy Conversion and Management: X</i> , 2022, 14, 100193.	1.6	4
3	Lithium insertion in hard carbon as observed by <sup>7</sup> Li NMR and XRD. The local and mesoscopic order and their relevance for lithium storage and diffusion. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10069-10082.	10.3	6
4	Conceptual Design of a Hybrid Hydrogen Fuel Cell/Battery Blended-Wing-Body Unmanned Aerial Vehicle—An Overview. <i>Aerospace</i> , 2022, 9, 275.	2.2	12
5	Quantifying lithium lost to plating and formation of the solid-electrolyte interphase in graphite and commercial battery components. <i>Applied Materials Today</i> , 2022, 28, 101527.	4.3	4
6	Towards Uncoated Stainless-Steel Bipolar Plates in Automotive PEM Fuel Cells. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 1457-1457.	0.0	2
7	Multifunctional Carbon Fiber Composites: A Structural, Energy Harvesting, Strain-Sensing Material. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 33871-33880.	8.0	11
8	Experimental Characterization of Anisotropic Mechanical and Thermal Properties of Gas Diffusion Layers. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 1645-1645.	0.0	0
9	Potassium-insertion in polyacrylonitrile-based carbon fibres for multifunctional energy storage, morphing, and strain-sensing. <i>Carbon</i> , 2021, 171, 671-680.	10.3	12
10	A Structural Battery and its Multifunctional Performance. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000093.	5.8	74
11	A Strategy for Sizing and Optimizing the Energy System on Long-Range AUVs. <i>IEEE Journal of Oceanic Engineering</i> , 2021, 46, 1132-1143.	3.8	13
12	The Hydrogen Electrode Reaction in the Anion Exchange Membrane Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2021, 168, 034505.	2.9	3
13	Short-Term Impact of AC Harmonics on Aging of NiMH Batteries for Grid Storage Applications. <i>Materials</i> , 2021, 14, 1248.	2.9	0
14	A Structural Battery and its Multifunctional Performance. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2170008.	5.8	32
15	Design of experiment to predict the time between hydrogen purges for an air-breathing PEM fuel cell in dead-end mode in a closed environment. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 13806-13817.	7.1	17
16	Global Optimal Experiment Design for Li-Ion Batteries. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 63-63.	0.0	0
17	Enhanced oxygen reduction activity with rare earth metal alloy catalysts in proton exchange membrane fuel cells. <i>Electrochimica Acta</i> , 2021, 387, 138454.	5.2	13
18	Including Heat Balance When Designing the Energy System of Fuel Cell-Powered AUVs. <i>Energies</i> , 2021, 14, 4920.	3.1	0

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19	Feasibility and impact of a Swedish fuel cell-powered rescue boat. <i>Ocean Engineering</i> , 2021, 234, 109259.	4.3	10
20	Electrochemical performance of poly(arylene piperidinium) membranes and ionomers in anion exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2021, 507, 230287.	7.8	22
21	A screen-printing method for manufacturing of current collectors for structural batteries. <i>Multifunctional Materials</i> , 2021, 4, 035002.	3.7	12
22	Expanded In Situ Aging Indicators for Lithium-Ion Batteries with a Blended NMC-LMO Electrode Cycled at Sub-Ambient Temperature. <i>Journal of the Electrochemical Society</i> , 2021, 168, 110530.	2.9	9
23	An Aging Study of NCA/Si-Graphite Lithium-Ion Cells for Off-Grid Photovoltaic Systems in Bolivia. <i>Journal of the Electrochemical Society</i> , 2021, 168, 100541.	2.9	1
24	Alkali Ions Transport into Lignin-Based Hard Carbon Fibers. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 227-227.	0.0	0
25	Nimh Gas Model for Dynamic Behaviour Study. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 171-171.	0.0	0
26	Expanding on Health Indicators for Fast Charging at Sub-Ambient Temperature. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 445-445.	0.0	0
27	Investigation of a Symmetric Hydrogen-Purging Strategy for an Air-Breathing PEM Fuel Cell Stack Working in a Closed Environment. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 1104-1104.	0.0	0
28	Characterization of the adhesive properties between structural battery electrolytes and carbon fibers. <i>Composites Science and Technology</i> , 2020, 188, 107962.	7.8	25
29	Gas evolution in commercial Li-ion battery cells measured by on-line mass spectrometry – Effects of C-rate and cell voltage. <i>Journal of Power Sources</i> , 2020, 477, 228968.	7.8	29
30	Synthesis and Characterization of LiFePO <sub>4</sub> -PANI Hybrid Material as Cathode for Lithium-Ion Batteries. <i>Materials</i> , 2020, 13, 2834.	2.9	10
31	Electrochemical techniques for characterizing LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> battery electrodes. <i>Electrochimica Acta</i> , 2020, 359, 136887.	5.2	2
32	Feasibility of Chemically Modified Cellulose Nanofiber Membranes as Lithium-Ion Battery Separators. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 41211-41222.	8.0	30
33	Effect of Partial Cycling of NCA/Graphite Cylindrical Cells in Different SOC Intervals. <i>Journal of the Electrochemical Society</i> , 2020, 167, 040529.	2.9	25
34	Shape-morphing carbon fiber composite using electrochemical actuation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7658-7664.	7.1	25
35	Performance Recovery after Contamination with Nitrogen Dioxide in a PEM Fuel Cell. <i>Molecules</i> , 2020, 25, 1115.	3.8	5
36	On resistance and capacity of LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> under high voltage operation. <i>Journal of Energy Storage</i> , 2020, 31, 101616.	8.1	10

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37	Fuel cell evaluation of anion exchange membranes based on poly(phenylene oxide) with different cationic group placement. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2274-2283.	4.9	16
38	A residual performance methodology to evaluate multifunctional systems. <i>Multifunctional Materials</i> , 2020, 3, 025002.	3.7	11
39	Energy Management Strategies for Fuel Cell-Battery Hybrid AUVs. , 2020, , .		2
40	Structural battery composites: a review. <i>Functional Composites and Structures</i> , 2019, 1, 042001.	3.4	133
41	Model of a structural battery and its potential for system level mass savings. <i>Multifunctional Materials</i> , 2019, 2, 035002.	3.7	60
42	Porous Electrode Model with Particle Stress Effects for $\text{Li}(\text{Ni}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3})\text{O}_2$ Electrode. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2939-A2949.	2.9	13
43	Aging effects of AC harmonics on lithium-ion cells. <i>Journal of Energy Storage</i> , 2019, 21, 741-749.	8.1	48
44	Lignin Based Electrospun Carbon Fiber Anode for Sodium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1984-A1990.	2.9	25
45	Fast-charging effects on ageing for energy-optimized automotive $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$ /graphite prismatic lithium-ion cells. <i>Journal of Power Sources</i> , 2019, 422, 175-184.	7.8	86
46	Prospective Life Cycle Assessment of a Structural Battery. <i>Sustainability</i> , 2019, 11, 5679.	3.2	12
47	Highly proton conductive membranes based on carboxylated cellulose nanofibres and their performance in proton exchange membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25032-25039.	10.3	46
48	Lithium Ion Battery Separators Based On Carboxylated Cellulose Nanofibers From Wood. <i>ACS Applied Energy Materials</i> , 2019, 2, 1241-1250.	5.1	48
49	Photovoltaic/battery system sizing for rural electrification in Bolivia: Considering the suppressed demand effect. <i>Applied Energy</i> , 2019, 235, 519-528.	10.1	62
50	Crystal structure and Hirshfeld surface analysis of poly[tris( $\frac{1}{4}$ -benzene-1,4-dicarboxylato)tetrakis(dimethylformamide)trinickel(II)]: a two-dimensional coordination network. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1839-1843.	0.5	0
51	Fuel Cell Measurements with Cathode Catalysts of Sputtered $\text{Pt}_3\text{Y}$ Thin Films. <i>ChemSusChem</i> , 2018, 11, 1438-1445.	6.8	14
52	Ammonia Contamination of a Proton Exchange Membrane Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2018, 165, F189-F197.	2.9	31
53	Model-Based Lithium-Ion Battery Resistance Estimation From Electric Vehicle Operating Data. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 3720-3728.	6.3	63
54	Challenging Sinusoidal Ripple-Current Charging of Lithium-Ion Batteries. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 4750-4757.	7.9	31

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55	Carbon fiber composites with battery function: Stresses and dimensional changes due to Li-ion diffusion. <i>Journal of Composite Materials</i> , 2018, 52, 2729-2742.	2.4	29
56	Li Salt Anion Effect on O <sub>2</sub> Solubility in an Li <sup>+</sup> O <sub>2</sub> Battery. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1913-1920.	3.1	15
57	Fuel Cell Measurements with Cathode Catalysts of Sputtered Pt <sub>3</sub> Y Thin Films. <i>ChemSusChem</i> , 2018, 11, 1394-1394.	6.8	0
58	Multiphysics modeling of mechanical and electrochemical phenomena in structural composites for energy storage: Single carbon fiber micro-battery. <i>Journal of Reinforced Plastics and Composites</i> , 2018, 37, 701-715.	3.1	29
59	Effects of external pressure on the performance and ageing of single-layer lithium-ion pouch cells. <i>Journal of Power Sources</i> , 2018, 385, 18-26.	7.8	100
60	Lignin-based carbon fibers for renewable and multifunctional lithium-ion battery electrodes. <i>Holzforschung</i> , 2018, 72, 81-90.	1.9	47
61	Sizing the energy system on long-range AUV. , 2018, , .		5
62	Multifunctional Performance of Sodiated Carbon Fibers. <i>Journal of the Electrochemical Society</i> , 2018, 165, B616-B622.	2.9	16
63	Inhomogeneous active layer contact loss in a cycled prismatic lithium-ion cell caused by the jelly-roll curvature. <i>Journal of Energy Storage</i> , 2018, 20, 213-217.	8.1	22
64	Graphitic microstructure and performance of carbon fibre Li-ion structural battery electrodes. <i>Multifunctional Materials</i> , 2018, 1, 015003.	3.7	65
65	Flexible and Lightweight Lithium-Ion Batteries Based on Cellulose Nanofibrils and Carbon Fibers. <i>Batteries</i> , 2018, 4, 17.	4.5	12
66	Lithium iron phosphate coated carbon fiber electrodes for structural lithium ion batteries. <i>Composites Science and Technology</i> , 2018, 162, 235-243.	7.8	87
67	Electrode parameters and operating conditions influencing the performance of anion exchange membrane fuel cells. <i>Electrochimica Acta</i> , 2018, 277, 151-160.	5.2	30
68	An Experimental Setup with Alternating Current Capability for Evaluating Large Lithium-Ion Battery Cells. <i>Batteries</i> , 2018, 4, 38.	4.5	13
69	The effect of O <sub>2</sub> concentration on the reaction mechanism in Li-O <sub>2</sub> batteries. <i>Journal of Electroanalytical Chemistry</i> , 2017, 797, 1-7.	3.8	11
70	The Influence of Catalyst Layer Thickness on the Performance and Degradation of PEM Fuel Cell Cathodes with Constant Catalyst Loading. <i>Electrochimica Acta</i> , 2017, 232, 505-516.	5.2	42
71	Effects of Different Manufacturing Processes on TEMPO-Oxidized Carboxylated Cellulose Nanofiber Performance as Binder for Flexible Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37712-37720.	8.0	22
72	A Model for Analysis of the Porous Nickel Electrode Polarization in the Molten Carbonate Electrolysis Cell. <i>Journal of the Electrochemical Society</i> , 2017, 164, H5197-H5201.	2.9	6

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73	Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> flexible, lightweight electrodes based on cellulose nanofibrils as binder and carbon fibers as current collectors for Li-ion batteries. <i>Nano Energy</i> , 2017, 39, 140-150.	16.0	70
74	Measurements and analysis of battery harmonic currents in a commercial hybrid vehicle. , 2017, , .		9
75	Fast-charging to a partial state of charge in lithium-ion batteries: A comparative ageing study. <i>Journal of Energy Storage</i> , 2017, 13, 325-333.	8.1	71
76	Loss-of-load probability analysis for optimization of small off-grid PV-battery systems in Bolivia. <i>Energy Procedia</i> , 2017, 142, 3715-3720.	1.8	8
77	Lignin as a Binder Material for Eco-Friendly Li-Ion Batteries. <i>Materials</i> , 2016, 9, 127.	2.9	54
78	Flexible Paper Electrodes for Li-Ion Batteries Using Low Amount of TEMPO-Oxidized Cellulose Nanofibrils as Binder. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 18097-18106.	8.0	58
79	Operating the nickel electrode with hydrogen-lean gases in the molten carbonate electrolysis cell (MCEC). <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18692-18698.	7.1	18
80	High Precision Coulometry of Commercial PAN-Based Carbon Fibers as Electrodes in Structural Batteries. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1790-A1797.	2.9	64
81	Performance and Durability of the Molten Carbonate Electrolysis Cell and the Reversible Molten Carbonate Fuel Cell. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13427-13433.	3.1	30
82	Thermal Management of Large-Format Prismatic Lithium-Ion Battery in PHEV Application. <i>Journal of the Electrochemical Society</i> , 2016, 163, A309-A317.	2.9	42
83	Economic feasibility study of a fuel cell-based combined cooling, heating and power system for a data centre. <i>Energy and Buildings</i> , 2016, 111, 218-223.	6.7	32
84	Investigating the Aging Effect of Current Ripple on Lithium-Ion Cells. <i>ECS Transactions</i> , 2015, 69, 101-106.	0.5	0
85	Electrode Kinetics of the Ni Porous Electrode for Hydrogen Production in the Molten Carbonate Electrolysis Cell (MCEC). <i>ECS Transactions</i> , 2015, 66, 93-98.	0.5	1
86	Electrode kinetics of the NiO porous electrode for oxygen production in the molten carbonate electrolysis cell (MCEC). <i>Faraday Discussions</i> , 2015, 182, 493-509.	3.2	16
87	Characterization of the Mass-Transport Phenomena in a Superconcentrated LiTFSI:Acetonitrile Electrolyte. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1334-A1340.	2.9	35
88	Electrochemical Characterization and Temperature Dependency of Mass-Transport Properties of LiPF <sub>6</sub> in EC:DEC. <i>Journal of the Electrochemical Society</i> , 2015, 162, A413-A420.	2.9	91
89	Uneven Film Formation across Depth of Porous Graphite Electrodes in Cycled Commercial Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2015, 119, 90-100.	3.1	46
90	Electrode Kinetics of the Ni Porous Electrode for Hydrogen Production in a Molten Carbonate Electrolysis Cell (MCEC). <i>Journal of the Electrochemical Society</i> , 2015, 162, F1020-F1028.	2.9	25

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91	Piezo-Electrochemical Energy Harvesting with Lithium-Intercalating Carbon Fibers. ACS Applied Materials & Interfaces, 2015, 7, 13898-13904.	8.0	49
92	Lithium-Ion Battery Cell Cycling and Usage Analysis in a Heavy-Duty Truck Field Study. Energies, 2015, 8, 4513-4528.	3.1	4
93	A Model for Predicting Capacity Fade due to SEI Formation in a Commercial Graphite/LiFePO <sub>4</sub> Cell. Journal of the Electrochemical Society, 2015, 162, A1003-A1007.	2.9	123
94	Molten carbonate fuel cells for CO <sub>2</sub> separation and segregation by retrofitting existing plants – An analysis of feasible operating windows and first experimental findings. International Journal of Greenhouse Gas Control, 2015, 35, 120-130.	4.6	41
95	High performance metal nitrides, MN (M = Cr, Co) nanoparticles for non-aqueous hybrid supercapacitors. Advanced Powder Technology, 2015, 26, 783-788.	4.1	85
96	System studies and understanding durability: general discussion. Faraday Discussions, 2015, 182, 437-456.	3.2	0
97	Fundamental electrochemistry: general discussion. Faraday Discussions, 2015, 182, 177-212.	3.2	1
98	Capturing lithium-ion battery dynamics with support vector machine-based battery model. Journal of Power Sources, 2015, 298, 92-101.	7.8	42
99	Effect of Cathode Slurry Composition on the Electrochemical Properties of Li-Ion Batteries. ECS Transactions, 2015, 66, 285-293.	0.5	1
100	Preparation and electrochemical properties of nanocrystalline Li <sub>x</sub> Mn <sub>2-x</sub> O <sub>4</sub> cathode particles for Li-ion batteries by ultrasonic spray pyrolysis method. Journal of Alloys and Compounds, 2015, 620, 399-406.	5.5	28
101	Comparing shut-down strategies for proton exchange membrane fuel cells. Journal of Power Sources, 2014, 254, 232-240.	7.8	48
102	Effect of sulfur contaminants on MCFC performance. International Journal of Hydrogen Energy, 2014, 39, 12242-12250.	7.1	20
103	Electrochemical performance of reversible molten carbonate fuel cells. International Journal of Hydrogen Energy, 2014, 39, 12323-12329.	7.1	59
104	Preparation and electrochemical properties of spinel Li <sub>x</sub> Fe <sub>1-x</sub> Cu <sub>y</sub> Mn <sub>1.2-0.4y</sub> by ultrasonic spray pyrolysis. Ceramics International, 2014, 40, 1019-1027.	4.8	17
105	The effect of lithium-intercalation on the mechanical properties of carbon fibres. Carbon, 2014, 68, 725-733.	10.3	66
106	Cellulose nanofibril reinforced composite electrolytes for lithium ion battery applications. Journal of Materials Chemistry A, 2014, 2, 13556.	10.3	66
107	A support vector machine-based state-of-health estimation method for lithium-ion batteries under electric vehicle operation. Journal of Power Sources, 2014, 270, 262-272.	7.8	237
108	Analysis of aging of commercial composite metal oxide – Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> battery cells. Journal of Power Sources, 2014, 270, 131-141.	7.8	38

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109	Altered electrode degradation with temperature in LiFePO <sub>4</sub> /mesocarbon microbead graphite cells diagnosed with impedance spectroscopy. <i>Electrochimica Acta</i> , 2014, 141, 173-181.	5.2	16
110	Development of cathode materials for lithium ion rechargeable batteries based on the system Li(Ni <sub>1/3</sub> Mn <sub>1/3</sub> Co(1/3-x)M <sub>x</sub> )O <sub>2</sub> , (M=Mg, Fe, Al and x=0.00 to 0.33). <i>Solid State Ionics</i> , 2014, 268, 226-230.	2.7	26
111	Impact of the flame retardant additive triphenyl phosphate (TPP) on the performance of graphite/LiFePO <sub>4</sub> cells in high power applications. <i>Journal of Power Sources</i> , 2014, 256, 430-439.	7.8	43
112	Direct sorbitol proton exchange membrane fuel cell using moderate catalyst loadings. <i>Electrochimica Acta</i> , 2014, 116, 379-387.	5.2	16
113	Non-uniform aging of cycled commercial LiFePO <sub>4</sub> //graphite cylindrical cells revealed by post-mortem analysis. <i>Journal of Power Sources</i> , 2014, 257, 126-137.	7.8	179
114	Investigation of the prospect of energy self-sufficiency and technical performance of an integrated PEMFC (proton exchange membrane fuel cell), dairy farm and biogas plant system. <i>Applied Energy</i> , 2014, 130, 685-691.	10.1	33
115	Comparing aging of graphite/LiFePO <sub>4</sub> cells at 22°C and 55°C – Electrochemical and photoelectron spectroscopy studies. <i>Journal of Power Sources</i> , 2013, 243, 290-298.	7.8	37
116	Solid polymer electrolyte-coated carbon fibres for structural and novel micro batteries. <i>Composites Science and Technology</i> , 2013, 89, 149-157.	7.8	68
117	Piezo-electrochemical effect in lithium-intercalated carbon fibres. <i>Electrochemistry Communications</i> , 2013, 35, 65-67.	4.7	34
118	Expansion of carbon fibres induced by lithium intercalation for structural electrode applications. <i>Carbon</i> , 2013, 59, 246-254.	10.3	71
119	Operating conditions affecting the contact resistance of bi-polar plates in proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2013, 231, 246-255.	7.8	33
120	The impact of iridium on the stability of platinum on carbon thin-film model electrodes. <i>Electrochimica Acta</i> , 2013, 111, 152-159.	5.2	18
121	Single-paper flexible Li-ion battery cells through a paper-making process based on nano-fibrillated cellulose. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4671.	10.3	193
122	Fuel cell based cogeneration: Comparison of electricity production cost for Swedish conditions. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3858-3864.	7.1	3
123	Flexible nano-paper-based positive electrodes for Li-ion batteries – Preparation process and properties. <i>Nano Energy</i> , 2013, 2, 794-800.	16.0	73
124	New structural lithium battery electrolytes using thiol-ene chemistry. <i>Solid State Ionics</i> , 2013, 236, 22-29.	2.7	71
125	Aging in lithium-ion batteries: Model and experimental investigation of harvested LiFePO <sub>4</sub> and mesocarbon microbead graphite electrodes. <i>Electrochimica Acta</i> , 2013, 110, 335-348.	5.2	88
126	The influence of ethene impurities in the gas feed of a PEM fuel cell. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 497-509.	7.1	6



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127	Electrochemical Characterization of Lithium Intercalation Processes of PAN-Based Carbon Fibers in a Microelectrode System. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1473-A1481.	2.9	52
128	Li-Ion Pouch Cells for Vehicle Applications – Studies of Water Transmission and Packing Materials. <i>Energies</i> , 2013, 6, 400-410.	3.1	13
129	Fuel Cell Performance Using a Phosphonated Polysulphone Ionomer (PSUgPVPA) in the PEM Cathode Electrode. <i>ECS Transactions</i> , 2013, 45, 33-45.	0.5	2
130	Performance of Phosphonated Hydrocarbon Ionomer in the Fuel Cell Cathode Catalyst Layer. <i>Journal of the Electrochemical Society</i> , 2013, 160, F269-F277.	2.9	12
131	HEV Lithium-Ion Battery Testing and Driving Cycle Analysis in a Heavy-Duty Truck Field Study. <i>ECS Transactions</i> , 2012, 41, 13-26.	0.5	1
132	Studying Low-Humidity Effects in PEFCs Using EIS. <i>Journal of the Electrochemical Society</i> , 2012, 159, F369-F378.	2.9	30
133	Studying Low-Humidity Effects in PEFCs Using EIS II. Modeling. <i>Journal of the Electrochemical Society</i> , 2012, 159, F379-F392.	2.9	30
134	Evaluating Real-Life Performance of Lithium-Ion Battery Packs in Electric Vehicles. <i>ECS Transactions</i> , 2012, 41, 1-11.	0.5	5
135	Evaluating Real-Life Performance of Lithium-Ion Battery Packs in Electric Vehicles. <i>Journal of the Electrochemical Society</i> , 2012, 159, A1856-A1860.	2.9	22
136	Investigation of Short-Circuit Scenarios in a Lithium-Ion Battery Cell. <i>Journal of the Electrochemical Society</i> , 2012, 159, A848-A859.	2.9	131
137	Quantifying Mass Transport during Polarization in a Li Ion Battery Electrolyte by in Situ <sup>7</sup> Li NMR Imaging. <i>Journal of the American Chemical Society</i> , 2012, 134, 14654-14657.	13.7	150
138	Electrochemical properties of nanocrystalline LiC <sub>x</sub> Mn <sub>2</sub> xO <sub>4</sub> (x=0.2-0.6) particles prepared by ultrasonic spray pyrolysis method. <i>Materials Chemistry and Physics</i> , 2012, 136, 424-430.	4.0	14
139	Electrolytically assisted debonding of adhesives: An experimental investigation. <i>International Journal of Adhesion and Adhesives</i> , 2012, 32, 39-45.	2.9	38
140	Impact of electrochemical cycling on the tensile properties of carbon fibres for structural lithium-ion composite batteries. <i>Composites Science and Technology</i> , 2012, 72, 792-798.	7.8	84
141	In-situ activation of hydrogen evolution in pH-neutral electrolytes by additions of multivalent cations. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9496-9503.	7.1	9
142	Electrochemical properties of nanocrystalline LiFe <sub>x</sub> Mn <sub>2</sub> xO <sub>4</sub> (x=0.2-1.0) cathode particles prepared by ultrasonic spray pyrolysis method. <i>Electrochimica Acta</i> , 2012, 76, 368-374.	5.2	19
143	Methodology for measuring current distribution effects in electrochromic smart windows. <i>Applied Optics</i> , 2011, 50, 5639.	2.1	19
144	Tungsten oxide in polymer electrolyte fuel cell electrodes – A thin-film model electrode study. <i>Electrochimica Acta</i> , 2011, 56, 9496-9503.	5.2	35

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145	Photoinduced free radical polymerization of thermoset lithium battery electrolytes. <i>European Polymer Journal</i> , 2011, 47, 2372-2378.	5.4	42
146	Graphitised Carbon Nanofibres as Catalyst Support for PEMFC. <i>Fuel Cells</i> , 2011, 11, 715-725.	2.4	29
147	Novel Field Test Equipment for Lithium-Ion Batteries in Hybrid Electrical Vehicle Applications. <i>Energies</i> , 2011, 4, 741-757.	3.1	6
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