

# Peng-Fei Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/663926/publications.pdf>

Version: 2024-02-01

119  
papers

13,100  
citations

29994

54  
h-index

24179

110  
g-index

119  
all docs

119  
docs citations

119  
times ranked

13492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible aqueous zinc/manganese oxide energy storage from conversion reactions. <i>Nature Energy</i> , 2016, 1, .	19.8	2,186
2	Mesoporous silicon sponge as an anti-pulverization structure for high-performance lithium-ion battery anodes. <i>Nature Communications</i> , 2014, 5, 4105.	5.8	1,160
3	Intragranular cracking as a critical barrier for high-voltage usage of layer-structured cathode for lithium-ion batteries. <i>Nature Communications</i> , 2017, 8, 14101.	5.8	654
4	Tailoring grain boundary structures and chemistry of Ni-rich layered cathodes for enhanced cycle stability of lithium-ion batteries. <i>Nature Energy</i> , 2018, 3, 600-605.	19.8	613
5	Tensile ductility and necking of metallic glass. <i>Nature Materials</i> , 2007, 6, 735-739.	13.3	509
6	Li- and Mn-Rich Cathode Materials: Challenges to Commercialization. <i>Advanced Energy Materials</i> , 2017, 7, 1601284.	10.2	383
7	Functioning Mechanism of AlF <sub>3</sub> Coating on the Li- and Mn-Rich Cathode Materials. <i>Chemistry of Materials</i> , 2014, 26, 6320-6327.	3.2	333
8	Pushing the limit of layered transition metal oxide cathodes for high-energy density rechargeable Li ion batteries. <i>Energy and Environmental Science</i> , 2018, 11, 1271-1279.	15.6	322
9	Injection of oxygen vacancies in the bulk lattice of layered cathodes. <i>Nature Nanotechnology</i> , 2019, 14, 602-608.	15.6	321
10	Structural and Chemical Evolution of Li- and Mn-Rich Layered Cathode Material. <i>Chemistry of Materials</i> , 2015, 27, 1381-1390.	3.2	311
11	Evolution of Lattice Structure and Chemical Composition of the Surface Reconstruction Layer in Li <sub>1.2</sub> Ni <sub>0.2</sub> Mn <sub>0.6</sub> O <sub>2</sub> Cathode Material for Lithium Ion Batteries. <i>Nano Letters</i> , 2015, 15, 514-522.	4.5	261
12	Highly Stable Operation of Lithium Metal Batteries Enabled by the Formation of a Transient High-Concentration Electrolyte Layer. <i>Advanced Energy Materials</i> , 2016, 6, 1502151.	10.2	236
13	Effect of calcination temperature on the electrochemical properties of nickel-rich LiNi <sub>0.76</sub> Mn <sub>0.14</sub> Co <sub>0.10</sub> O <sub>2</sub> cathodes for lithium-ion batteries. <i>Nano Energy</i> , 2018, 49, 538-548.	8.2	213
14	Coupling of electrochemically triggered thermal and mechanical effects to aggravate failure in a layered cathode. <i>Nature Communications</i> , 2018, 9, 2437.	5.8	200
15	Tuning the Solid Electrolyte Interphase for Selective Li- and Na-ion Storage in Hard Carbon. <i>Advanced Materials</i> , 2017, 29, 1606860.	11.1	157
16	Atomic Resolution Structural and Chemical Imaging Revealing the Sequential Migration of Ni, Co, and Mn upon the Battery Cycling of Layered Cathode. <i>Nano Letters</i> , 2017, 17, 3946-3951.	4.5	143
17	Design of porous Si/graphite electrodes with long cycle stability and controlled swelling. <i>Energy and Environmental Science</i> , 2017, 10, 1427-1434.	15.6	140
18	Probing the Degradation Mechanism of Li <sub>2</sub> MnO <sub>3</sub> Cathode for Li-Ion Batteries. <i>Chemistry of Materials</i> , 2015, 27, 975-982.	3.2	130

#	ARTICLE	IF	CITATIONS
19	Charge distribution guided by grain crystallographic orientations in polycrystalline battery materials. <i>Nature Communications</i> , 2020, 11, 83.	5.8	129
20	Atomic to Nanoscale Investigation of Functionalities of an Al <sub>2</sub> O <sub>3</sub> Coating Layer on a Cathode for Enhanced Battery Performance. <i>Chemistry of Materials</i> , 2016, 28, 857-863.	3.2	125
21	Ultra-High Initial Coulombic Efficiency Induced by Interface Engineering Enables Rapid, Stable Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11481-11486.	7.2	124
22	Yolk-shell structured Sb@C anodes for high energy Na-ion batteries. <i>Nano Energy</i> , 2017, 40, 504-511.	8.2	123
23	Surface-Coating Regulated Lithiation Kinetics and Degradation in Silicon Nanowires for Lithium Ion Battery. <i>ACS Nano</i> , 2015, 9, 5559-5566.	7.3	118
24	Rock-Salt Growth-Induced (003) Cracking in a Layered Positive Electrode for Li-Ion Batteries. <i>ACS Energy Letters</i> , 2017, 2, 2607-2615.	8.8	116
25	Realizing superior cycling stability of Ni-Rich layered cathode by combination of grain boundary engineering and surface coating. <i>Nano Energy</i> , 2019, 62, 30-37.	8.2	115
26	Visualizing nanoscale 3D compositional fluctuation of lithium in advanced lithium-ion battery cathodes. <i>Nature Communications</i> , 2015, 6, 8014.	5.8	112
27	Atomic-Resolution Visualization of Distinctive Chemical Mixing Behavior of Ni, Co, and Mn with Li in Layered Lithium Transition-Metal Oxide Cathode Materials. <i>Chemistry of Materials</i> , 2015, 27, 5393-5401.	3.2	108
28	Phase transition induced cracking plaguing layered cathode for sodium-ion battery. <i>Nano Energy</i> , 2018, 54, 148-155.	8.2	106
29	Atomic origins of water-vapour-promoted alloy oxidation. <i>Nature Materials</i> , 2018, 17, 514-518.	13.3	106
30	Enhanced Cycling Stability of Rechargeable Li <sub>2</sub> O Batteries Using High-Concentration Electrolytes. <i>Advanced Functional Materials</i> , 2016, 26, 605-613.	7.8	104
31	Transmission electron microscopy study of stacking faults and their interaction with pyramidal dislocations in deformed Mg. <i>Acta Materialia</i> , 2010, 58, 173-179.	3.8	101
32	Ni and Co Segregations on Selective Surface Facets and Rational Design of Layered Lithium Transition-Metal Oxide Cathodes. <i>Advanced Energy Materials</i> , 2016, 6, 1502455.	10.2	100
33	Stabilization of Li Metal Anode in DMSO-Based Electrolytes via Optimization of Salt-Solvent Coordination for Li <sub>2</sub> O Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1602605.	10.2	99
34	Origins of capacity and voltage fading of LiCoO <sub>2</sub> upon high voltage cycling. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20824-20831.	5.2	99
35	Coordination modulation of iridium single-atom catalyst maximizing water oxidation activity. <i>Nature Communications</i> , 2022, 13, 24.	5.8	99
36	Formation of Reversible Solid Electrolyte Interface on Graphite Surface from Concentrated Electrolytes. <i>Nano Letters</i> , 2017, 17, 1602-1609.	4.5	91

#	ARTICLE	IF	CITATIONS
37	Dual Bond Enhanced Multidimensional Constructed Composite Silicon Anode for High-Performance Lithium Ion Batteries. ACS Nano, 2019, 13, 8854-8864.	7.3	91
38	Dopant Segregation Boosting High-Voltage Cyclability of Layered Cathode for Sodium Ion Batteries. Advanced Materials, 2019, 31, e1904816.	11.1	89
39	Ultrathin $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Nanosheets as Anode Materials for Lithium and Sodium Storage. ACS Applied Materials & Interfaces, 2016, 8, 16718-16726.	4.0	87
40	Engineering the interface between $\text{LiCoO}_2$ and $\text{Li}_{10}\text{GeP}_2\text{S}_{12}$ solid electrolytes with an ultrathin $\text{Li}_2\text{CoTi}_3\text{O}_8$ interlayer to boost the performance of all-solid-state batteries. Energy and Environmental Science, 2021, 14, 437-450.	15.6	82
41	Dual Interphase Layers In Situ Formed on a Manganese-Based Oxide Cathode Enable Stable Potassium Storage. Chem, 2019, 5, 3220-3231.	5.8	79
42	MOF-derived Co/CoO particles prepared by low temperature reduction for microwave absorption. Chemical Engineering Journal, 2021, 410, 128378.	6.6	79
43	Suppressed oxygen extraction and degradation of $\text{LiNi}_x\text{Mn}_y\text{Co}_z\text{O}_2$ cathodes at high charge cut-off voltages. Nano Research, 2017, 10, 4221-4231.	5.8	77
44	Atomically dispersed Ni induced by ultrahigh N-doped carbon enables stable sodium storage. Chem, 2021, 7, 2684-2694.	5.8	77
45	Pushing Lithium Cobalt Oxides to 4.7V by Lattice-Matched Interfacial Engineering. Advanced Energy Materials, 2022, 12, .	10.2	77
46	Observation of Electron-Beam-Induced Phase Evolution Mimicking the Effect of the Charge-Discharge Cycle in Li-Rich Layered Cathode Materials Used for Li Ion Batteries. Chemistry of Materials, 2015, 27, 1375-1380.	3.2	73
47	Effects of structural defects on the electrochemical activation of $\text{Li}_2\text{MnO}_3$ . Nano Energy, 2015, 16, 143-151.	8.2	73
48	In Situ Mass Spectrometric Determination of Molecular Structural Evolution at the Solid Electrolyte Interphase in Lithium-Ion Batteries. Nano Letters, 2015, 15, 6170-6176.	4.5	73
49	Hard carbon coated nano-Si/graphite composite as a high performance anode for Li-ion batteries. Journal of Power Sources, 2016, 329, 323-329.	4.0	73
50	Reversible hybrid sodium-CO <sub>2</sub> batteries with low charging voltage and long-life. Nano Energy, 2020, 68, 104318.	8.2	70
51	A stable nanoporous silicon anode prepared by modified magnesiothermic reactions. Nano Energy, 2016, 20, 68-75.	8.2	65
52	Controlling Surface Phase Transition and Chemical Reactivity of O <sub>3</sub> -Layered Metal Oxide Cathodes for High-Performance Na-Ion Batteries. ACS Energy Letters, 2020, 5, 1718-1725.	8.8	64
53	Hydrangea-like $\text{Ni}_{1/3}\text{Co}_{2/3}(\text{OH})_2$ Reinforced by Ethyl Carbamate for All-Solid-State Supercapacitors with Outstanding Comprehensive Performance. ACS Applied Materials & Interfaces, 2019, 11, 32269-32281.	4.0	63
54	Electrochemically Formed Ultrafine Metal Oxide Nanocatalysts for High-Performance Lithium-Oxygen Batteries. Nano Letters, 2016, 16, 4932-4939.	4.5	62

#	ARTICLE	IF	CITATIONS
55	A Spinel-Integrated P2-Type Layered Composite: High-Rate Cathode for Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2016, 163, A584-A591.	1.3	57
56	High performance Li-ion sulfur batteries enabled by intercalation chemistry. <i>Chemical Communications</i> , 2015, 51, 13454-13457.	2.2	55
57	Excess Li-Ion Storage on Reconstructed Surfaces of Nanocrystals To Boost Battery Performance. <i>Nano Letters</i> , 2017, 17, 6018-6026.	4.5	53
58	Synergistical Stabilization of Li Metal Anodes and LiCoO <sub>2</sub> Cathodes in High-Voltage Li <sup>+</sup> /LiCoO <sub>2</sub> Batteries by Potassium Selenocyanate (KSeCN) Additive. <i>ACS Energy Letters</i> , 2022, 7, 1364-1373.	8.8	49
59	Atomistic mechanism of cracking degradation at twin boundary of LiCoO <sub>2</sub> . <i>Nano Energy</i> , 2020, 78, 105364.	8.2	48
60	Highly stable operation of LiCoO <sub>2</sub> at cut-off $\approx$ 4.6 V enabled by synergistic structural and interfacial manipulation. <i>Energy Storage Materials</i> , 2022, 46, 406-416.	9.5	48
61	A facile cathode design combining Ni-rich layered oxides with Li-rich layered oxides for lithium-ion batteries. <i>Journal of Power Sources</i> , 2016, 325, 620-629.	4.0	46
62	Effect of Al <sub>2</sub> O <sub>3</sub> on the sintering of garnet-type Li <sub>6.5</sub> La <sub>3</sub> Zr <sub>1.5</sub> Ta <sub>0.5</sub> O <sub>12</sub> . <i>Solid State Ionics</i> , 2016, 294, 108-115.	1.3	44
63	Effects of Propylene Carbonate Content in CsPF <sub>6</sub> -Containing Electrolytes on the Enhanced Performances of Graphite Electrode for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 5715-5722.	4.0	43
64	The Role of Cesium Cation in Controlling Interphasial Chemistry on Graphite Anode in Propylene Carbonate-Rich Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20687-20695.	4.0	41
65	The importance of solid electrolyte interphase formation for long cycle stability full-cell Na-ion batteries. <i>Nano Energy</i> , 2016, 27, 664-672.	8.2	41
66	Revealing the minor Li-ion blocking effect of LiCoO <sub>2</sub> surface phase transition layer. <i>Journal of Power Sources</i> , 2020, 460, 228126.	4.0	39
67	Enhanced Cyclability of Lithium-Oxygen Batteries with Electrodes Protected by Surface Films Induced via In Situ Electrochemical Process. <i>Advanced Energy Materials</i> , 2018, 8, 1702340.	10.2	38
68	Phosphorus Enrichment as a New Composition in the Solid Electrolyte Interphase of High-Voltage Cathodes and Its Effects on Battery Cycling. <i>Chemistry of Materials</i> , 2015, 27, 7447-7451.	3.2	37
69	Improvement of Cathode Performance on Pt-CeO <sub>2</sub> by Optimization of Electrochemical Pretreatment Condition for PEFC Application. <i>Langmuir</i> , 2012, 28, 16692-16700.	1.6	35
70	In situ Grown ZnCo <sub>2</sub> O <sub>4</sub> on Single-Walled Carbon Nanotubes as Air Electrode Materials for Rechargeable Lithium-Oxygen Batteries. <i>ChemSusChem</i> , 2015, 8, 3697-3703.	3.6	34
71	Defect Structure Analysis of Heterointerface between Pt and CeO <sub>2</sub> Promoter on Pt Electro-Catalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 2698-2707.	4.0	34
72	Surface Transformation Enables a Dendrite-Free Zinc-Metal Anode in Nonaqueous Electrolyte. <i>Advanced Materials</i> , 2022, 34, .	11.1	34

#	ARTICLE	IF	CITATIONS
73	MAX phase Zr <sub>2</sub> SeC and its thermal conduction behavior. Journal of the European Ceramic Society, 2021, 41, 4447-4451.	2.8	33
74	Crystallographic dependence of photocatalytic activity of WO <sub>3</sub> thin films prepared by molecular beam epitaxy. Physical Chemistry Chemical Physics, 2015, 17, 15119-15123.	1.3	32
75	Fabrication of a nano-structured Pt-loaded cerium oxide nanowire and its anode performance in the methanol electro-oxidation reaction. Journal of Materials Chemistry A, 2013, 1, 6262.	5.2	31
76	Temperature Dependence of the Oxygen Reduction Mechanism in Nonaqueous Li <sup>+</sup> O <sub>2</sub> Batteries. ACS Energy Letters, 2017, 2, 2525-2530.	8.8	30
77	Revealing the Atomic Origin of Heterogeneous Li <sup>+</sup> Ion Diffusion by Probing Na. Advanced Materials, 2019, 31, e1805889.	11.1	30
78	A new insight into the oxygen diffusion in porous cathodes of Lithium-air batteries. Energy, 2015, 83, 669-673.	4.5	29
79	Competing Pathways for Nucleation of the Double Perovskite Structure in the Epitaxial Synthesis of La <sub>2</sub> MnNiO <sub>6</sub> . Chemistry of Materials, 2016, 28, 3814-3822.	3.2	29
80	Creation and Ordering of Oxygen Vacancies at WO <sub>3</sub> and Perovskite Interfaces. ACS Applied Materials & Interfaces, 2018, 10, 17480-17486.	4.0	29
81	Grain boundary's conductivity in heavily yttrium doped ceria. Solid State Ionics, 2012, 222-223, 31-37.	1.3	28
82	Boosting Activity and Stability of Electrodeposited Amorphous Ce-Doped NiFe-Based Catalyst for Electrochemical Water Oxidation. Advanced Functional Materials, 2022, 32, .	7.8	27
83	Exploring Lithium-Cobalt-Nickel Oxide Spinel Electrodes for ~3.5 V Li-Ion Cells. ACS Applied Materials & Interfaces, 2016, 8, 27720-27729.	4.0	25
84	± to <sup>3</sup> -Al <sub>2</sub> O <sub>3</sub> martensitic transformation induced by pulsed laser irradiation. Acta Materialia, 2010, 58, 3867-3876.	3.8	23
85	Unraveling TM Migration Mechanisms in LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> by Modeling and Experimental Studies. Nano Letters, 2021, 21, 6875-6881.	4.5	23
86	A Novel Protective Strategy on High-Voltage LiCoO <sub>2</sub> Cathode for Fast Charging Applications: Li <sub>1.6</sub> Mg <sub>1.6</sub> Sn <sub>2.8</sub> O <sub>8</sub> Double Layer Structure via SnO <sub>2</sub> Surface Modification. Small Methods, 2019, 3, 1900355.	4.6	22
87	Reduction of thermal conductivity in dually doped ZnO by design of three-dimensional stacking faults. RSC Advances, 2014, 4, 2661-2672.	1.7	21
88	Structural Transformations in High-Capacity Li <sub>2</sub> Cu <sub>0.5</sub> Ni <sub>0.5</sub> O <sub>2</sub> Cathodes. Chemistry of Materials, 2017, 29, 2997-3005.	3.2	21
89	Damage evolution of ion irradiated defected-fluorite La <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> epitaxial thin films. Acta Materialia, 2017, 130, 111-120.	3.8	20
90	Atomic pair distribution function research on Li <sub>2</sub> MnO <sub>3</sub> electrode structure evolution. Science Bulletin, 2019, 64, 553-561.	4.3	20

#	ARTICLE	IF	CITATIONS
91	Recent Advances on the Understanding of Structural and Composition Evolution of LMR Cathodes for Li-ion Batteries. <i>Frontiers in Energy Research</i> , 2015, 3, .	1.2	19
92	Manganese Doping in Cobalt Oxide Nanorods Promotes Catalytic Dehydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5734-5741.	3.2	19
93	Sulfur-doped reduced graphene oxide/Sb <sub>2</sub> S <sub>3</sub> composite for superior lithium and sodium storage. <i>Materials Chemistry and Physics</i> , 2020, 244, 122661.	2.0	19
94	Minimizing Polysulfide Shuttle Effect in Lithium-Ion Sulfur Batteries by Anode Surface Passivation. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21965-21972.	4.0	18
95	Revealing two distinctive intergranular cracking mechanisms of Ni-rich layered cathode by cross-sectional scanning electron microscopy. <i>Journal of Power Sources</i> , 2021, 503, 230066.	4.0	16
96	Probing the failure mechanism of nanoscale LiFePO <sub>4</sub> for Li-ion batteries. <i>Applied Physics Letters</i> , 2015, 106, 203902.	1.5	15
97	Tuning piezoelectric properties through epitaxy of La <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> and related thin films. <i>Scientific Reports</i> , 2018, 8, 3037.	1.6	15
98	±-CsPbI <sub>3</sub> Nanocrystals by Ultraviolet Light-Driven Oriented Attachment. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 913-919.	2.1	15
99	Microstructural and Chemical Characterization of Ordered Structure in Yttrium Doped Ceria. <i>Microscopy and Microanalysis</i> , 2013, 19, 102-110.	0.2	14
100	Advancing layered cathode material's cycling stability from uniform doping to non-uniform doping. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16690-16697.	5.2	14
101	Study of the character of gold nanoparticles deposited onto sputtered cerium oxide layers by deposition-precipitation method: Influence of the preparation parameters. <i>Vacuum</i> , 2015, 114, 86-92.	1.6	10
102	Microanalysis of a Grain Boundary's Blocking Effect in Lanthanum Silicate Electrolyte for Intermediate-Temperature Solid Oxide Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 5307-5313.	4.0	9
103	The interphasial degradation of 4.2V-class poly(ethylene oxide)-based solid batteries beyond electrochemical voltage limit. <i>Journal of Energy Chemistry</i> , 2022, 75, 504-511.	7.1	9
104	Hierarchical Microspheres of Aggregated Silicon Nanoparticles with Nanometre Gaps as the Anode for Lithium-ion Batteries with Excellent Cycling Stability. <i>ChemElectroChem</i> , 2019, 6, 1139-1148.	1.7	8
105	An electrochemical device for the Knudsen and bulk diffusivity measurement in the anodes of solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15057-15062.	3.8	7
106	Efficient and Dense Electron Emission from a SiO <sub>2</sub> Tunneling Diode with Low Poisoning Sensitivity. <i>Nano Letters</i> , 2022, 22, 1270-1277.	4.5	7
107	Effect of non-uniform stress characteristics on stress measurement in specimen. <i>Transactions of Nonferrous Metals Society of China</i> , 2010, 20, 789-794.	1.7	6
108	Pyramidal dislocation induced strain relaxation in hexagonal structured InGaN/AlGaIn/GaN multilayer. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	6

#	ARTICLE	IF	CITATIONS
109	<i>b</i> -Axis Phase Boundary Movement Induced (020) Plane Cracking in $\text{LiFePO}_4$ . ACS Applied Materials & Interfaces, 2020, 12, 39245-39251.	4.0	6
110	Preparation and performance of intermediate-temperature fuel cells based on Gd-doped ceria electrolytes with different compositions. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 1538-1541.	1.7	5
111	High electrical conductivity in $\text{Ba}_2\text{In}_2\text{O}_5$ brownmillerite based materials induced by design of a Frenkel defect structure. RSC Advances, 2017, 7, 4688-4696.	1.7	4
112	Coulombic interaction in the colloidal oriented-attachment growth of tetragonal nanorods. Chinese Physics B, 2014, 23, 056103.	0.7	3
113	Interfacial Reaction Dependent Performance of Hollow Carbon Nanosphere $\text{S}_x$ Sulfur Composite as a Cathode for Li-S Battery. Frontiers in Energy Research, 2015, 3, .	1.2	3
114	$\text{LiCoO}_2$ Epitaxial Film Enabling Precise Analysis of Interfacial Degradations. Chinese Physics Letters, 2021, 38, 068202.	1.3	2
115	Structural and Chemical Evolution of Li and Mn Rich Layered Oxide Cathode and Correlation with Capacity and Voltage Fading. Microscopy and Microanalysis, 2015, 21, 141-142.	0.2	1
116	Charge-Discharge Cycling Induced Structural and Chemical Evolution of $\text{Li}_2\text{MnO}_3$ Cathode for Li-ion Batteries. Microscopy and Microanalysis, 2015, 21, 473-474.	0.2	0
117	Time-resolved Atomic-scale Chemical Imaging of the Dynamic Phase Transformation in Li-rich Layered Cathode Materials Induced by Electron-beam Irradiation. Microscopy and Microanalysis, 2016, 22, 1298-1299.	0.2	0
118	Investigating Side Reactions and Coating Effects on High Voltage Layered Cathodes for Lithium Ion Batteries. Microscopy and Microanalysis, 2016, 22, 1312-1313.	0.2	0
119	Revealing the Doping Effect in Stabilizing Layered Cathode Materials for Sodium-Ion Battery. ECS Meeting Abstracts, 2019, . .	0.0	0