

Eiji Hosono

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120
papers

12,317
citations

49
h-index

110
g-index

125
ext. papers

13,052
ext. citations

6.5
avg, IF

6.19
L-index

#	Paper	IF	Citations
120	Large reversible Li storage of graphene nanosheet families for use in rechargeable lithium ion batteries. <i>Nano Letters</i> , 2008 , 8, 2277-82	11.5	2453
119	The design of a LiFePO ₄ /carbon nanocomposite with a core-shell structure and its synthesis by an in situ polymerization restriction method. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7461-5	16.4	756
118	Pseudocapacitance of MXene nanosheets for high-power sodium-ion hybrid capacitors. <i>Nature Communications</i> , 2015 , 6, 6544	17.4	707
117	Nanosize effect on high-rate Li-ion intercalation in LiCoO ₂ electrode. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7444-52	16.4	568
116	Synthesis of single crystalline spinel LiMn ₂ O ₄ nanowires for a lithium ion battery with high power density. <i>Nano Letters</i> , 2009 , 9, 1045-51	11.5	457
115	Nano active materials for lithium-ion batteries. <i>Nanoscale</i> , 2010 , 2, 1294-305	7.7	443
114	Nanomaterials for lithium ion batteries. <i>Nano Today</i> , 2006 , 1, 28-33	17.9	419
113	Superhydrophobic perpendicular nanopin film by the bottom-up process. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13458-9	16.4	368
112	Growth of submicrometer-scale rectangular parallelepiped rutile TiO ₂ films in aqueous TiCl ₃ solutions under hydrothermal conditions. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7790-1	16.4	364
111	The Fabrication of an Upright-Standing Zinc Oxide Nanosheet for Use in Dye-Sensitized Solar Cells. <i>Advanced Materials</i> , 2005 , 17, 2091-2094	24	326
110	Aromatic porous-honeycomb electrodes for a sodium-organic energy storage device. <i>Nature Communications</i> , 2013 , 4, 1485	17.4	274
109	Enhanced photoelectrochemical performance of ZnO electrodes sensitized with N-719. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 179, 81-86	4.7	180
108	Mesoporous Carbon Nanofibers for Supercapacitor Application. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1093-1097	3.8	174
107	Fast Li-Ion insertion into nanosized LiMn(2)O(4) without domain boundaries. <i>ACS Nano</i> , 2010 , 4, 741-52	16.7	169
106	Growth of layered basic zinc acetate in methanolic solutions and its pyrolytic transformation into porous zinc oxide films. <i>Journal of Colloid and Interface Science</i> , 2004 , 272, 391-8	9.3	159
105	Hydrothermal routes to prepare nanocrystalline mesoporous SnO ₂ having high thermal stability. <i>Langmuir</i> , 2004 , 20, 6476-81	4	159
104	An energy storage principle using bipolar porous polymeric frameworks. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7850-4	16.4	150

103	High-surface vanadium oxides with large capacities for lithium-ion batteries: from hydrated aerogel to nanocrystalline VO ₂ (B), V ₆ O ₁₃ and V ₂ O ₅ . <i>Journal of Materials Chemistry</i> , 2011 , 21, 10999		143
102	High power Na-ion rechargeable battery with single-crystalline Na _{0.44} MnO ₂ nanowire electrode. <i>Journal of Power Sources</i> , 2012 , 217, 43-46	8.9	139
101	Synthesis of the CoOOH fine nanoflake film with the high rate capacitance property. <i>Journal of Power Sources</i> , 2006 , 158, 779-783	8.9	139
100	Suppressed Activation Energy for Interfacial Charge Transfer of a Prussian Blue Analog Thin Film Electrode with Hydrated Ions (Li ⁺ , Na ⁺ , and Mg ²⁺). <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10877-10882	3.8	134
99	Fabrication of morphology and crystal structure controlled nanorod and nanosheet cobalt hydroxide based on the difference of oxygen-solubility between water and methanol, and conversion into Co ₃ O ₄ . <i>Journal of Materials Chemistry</i> , 2005 , 15, 1938		127
98	Electrochemical Mg ²⁺ intercalation into a bimetallic CuFe Prussian blue analog in aqueous electrolytes. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 13055	13	126
97	Electrochemical kinetics of the 0.5Li ₂ MnO ₃ ∥0.5LiMn _{0.42} Ni _{0.42} Co _{0.16} O ₂ ∥composite∥layered cathode material for lithium-ion batteries. <i>RSC Advances</i> , 2012 , 2, 8797	3.7	125
96	Facile synthesis of NaV ₆ O ₁₅ nanorods and its electrochemical behavior as cathode material in rechargeable lithium batteries. <i>Journal of Materials Chemistry</i> , 2009 , 19, 7885		123
95	Non-Basic Solution Routes to Prepare ZnO Nanoparticles. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 29, 71-79	2.3	123
94	Synthesis of a perpendicular TiO ₂ nanosheet film with the superhydrophilic property without UV irradiation. <i>Langmuir</i> , 2007 , 23, 7447-50	4	112
93	Synthesis of triaxial LiFePO ₄ nanowire with a VGCF core column and a carbon shell through the electrospinning method. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 212-8	9.5	111
92	Design and synthesis of a novel nanothorn VO ₂ (B) hollow microsphere and their application in lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2835		111
91	One-step synthesis of nano-micro chestnut TiO ₂ with rutile nanopins on the microanatase octahedron. <i>ACS Nano</i> , 2007 , 1, 273-8	16.7	108
90	Fabrication of mesoporous ZnO nanosheets from precursor templates grown in aqueous solutions. <i>Journal of Sol-Gel Science and Technology</i> , 2006 , 39, 63-72	2.3	103
89	Synthesis, structure and photoelectrochemical performance of micro/nano-textured ZnO/eosin Y electrodes. <i>Electrochimica Acta</i> , 2004 , 49, 2287-2293	6.7	99
88	Evolution of Nanoscale SnO ₂ Grains, Flakes, and Plates into Versatile Particles and Films through Crystal Growth in Aqueous Solutions. <i>Crystal Growth and Design</i> , 2005 , 5, 1079-1083	3.5	91
87	Single-crystal H ₂ V ₃ O ₈ nanowires: a competitive anode with large capacity for aqueous lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1780-1787		90
86	{111}-faceting of low-temperature processed rutile TiO ₂ rods. <i>Journal of Crystal Growth</i> , 2006 , 293, 541-545	5.45	90

85	A nanoscale meshed electrode of single-crystalline SnO for lithium-ion rechargeable batteries. <i>Electrochemistry Communications</i> , 2008 , 10, 52-55	5.1	85
84	The Design of a LiFePO ₄ /Carbon Nanocomposite With a Core/Shell Structure and Its Synthesis by an In Situ Polymerization Restriction Method. <i>Angewandte Chemie</i> , 2008 , 120, 7571-7575	3.6	80
83	Liquid-Crystalline Electrolytes for Lithium-Ion Batteries: Ordered Assemblies of a Mesogen-Containing Carbonate and a Lithium Salt. <i>Advanced Functional Materials</i> , 2015 , 25, 1206-1212	15.6	78
82	Redox Potential Paradox in Na _x MO ₂ for Sodium-Ion Battery Cathodes. <i>Chemistry of Materials</i> , 2016 , 28, 1058-1065	9.6	72
81	Synthesis and applications of SnO nanosheets: parallel control of oxidation state and nanostructure through an aqueous solution route. <i>Small</i> , 2010 , 6, 776-81	11	69
80	Synthesis of single crystalline electro-conductive Na _{0.44} MnO ₂ nanowires with high aspect ratio for the fast charge/discharge Li ion battery. <i>Journal of Power Sources</i> , 2008 , 182, 349-352	8.9	67
79	Assembly of Na ₃ V ₂ (PO ₄) ₃ nanoparticles confined in a one-dimensional carbon sheath for enhanced sodium-ion cathode properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 12636-40	4.8	63
78	Biomimetic Solid-Solution Precursors of Metal Carbonate for Nanostructured Metal Oxides: MnO/Co and MnO-CoO Nanostructures and Their Electrochemical Properties. <i>Advanced Functional Materials</i> , 2011 , 21, 3673-3680	15.6	63
77	The high power and high energy densities Li ion storage device by nanocrystalline and mesoporous Ni/NiO covered structure. <i>Electrochemistry Communications</i> , 2006 , 8, 284-288	5.1	59
76	In Situ TEM Observation of Local Phase Transformation in a Rechargeable LiMn ₂ O ₄ Nanowire Battery. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 24236-24241	3.8	58
75	Bipolar porous polymeric frameworks for low-cost, high-power, long-life all-organic energy storage devices. <i>Journal of Power Sources</i> , 2014 , 245, 553-556	8.9	53
74	Impedance spectroscopic study on interfacial ion transfers in cyanide-bridged coordination polymer electrode with organic electrolyte. <i>Electrochimica Acta</i> , 2012 , 63, 139-145	6.7	52
73	Fabrication of porous cubic architecture of ZnO using Zn-terephthalate MOFs with characteristic microstructures. <i>Inorganic Chemistry</i> , 2013 , 52, 14028-33	5.1	51
72	Three-dimensional architectures of spinel-type LiMn ₂ O ₄ prepared from biomimetic porous carbonates and their application to a cathode for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4012		50
71	Fabrication of Nano/Micro Hierarchical Fe ₂ O ₃ /Ni Micrometer-Wire Structure and Characteristics for High Rate Li Rechargeable Battery. <i>Journal of the Electrochemical Society</i> , 2006 , 153, A1273	3.9	49
70	Synthesis of Nanocrystalline Li ₄ Ti ₅ O ₁₂ by Chemical Lithiation of Anatase Nanocrystals and Postannealing. <i>Journal of the Electrochemical Society</i> , 2008 , 155, A553	3.9	48
69	Size effect on electrochemical property of nanocrystalline LiCoO ₂ synthesized from rapid thermal annealing method. <i>Solid State Ionics</i> , 2009 , 180, 612-615	3.3	47
68	TiO ₂ - and ZnO-based solar cells using a chlorophyll a derivative sensitizer for light-harvesting and energy conversion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 210, 145-152	4.7	47

67	Electrospinning Synthesis of Wire-Structured LiCoO ₂ for Electrode Materials of High-Power Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10774-10780	3.8	45
66	Low-Temperature Synthesis of Nanocrystalline Zinc Titanate Materials with High Specific Surface Area. <i>Journal of the American Ceramic Society</i> , 2004 , 87, 1785-1788	3.8	45
65	Phase transitions in a LiMn ₂ O ₄ nanowire battery observed by operando electron microscopy. <i>ACS Nano</i> , 2015 , 9, 626-32	16.7	41
64	Surface-enhanced infrared absorption spectroscopy using chemically deposited Pd thin film electrodes. <i>Chemical Physics Letters</i> , 2006 , 428, 451-456	2.5	41
63	Metal-free organic dye sensitized solar cell based on perpendicular zinc oxide nanosheet thick films with high conversion efficiency. <i>Dalton Transactions</i> , 2008 , 5439-41	4.3	40
62	Fabrication and electrical properties of micro/nanoporous ZnO : Al films. <i>Journal of Materials Chemistry</i> , 2004 , 14, 881		39
61	Synthesis of Li-Mn-O mesocrystals with controlled crystal phases through topotactic transformation of MnCO ₃ . <i>Nanoscale</i> , 2013 , 5, 2352-7	7.7	37
60	Synthesis of LiNi _{0.5} Mn _{1.5} O ₄ and 0.5Li ₂ MnO ₃ ·0.5LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ hollow nanowires by electrospinning. <i>CrystEngComm</i> , 2013 , 15, 2592	3.3	36
59	Aqueous solution synthesis of SnO nanostructures with tuned optical absorption behavior and photoelectrochemical properties through morphological evolution. <i>Nanoscale</i> , 2010 , 2, 2424-30	7.7	36
58	Chemical Deposition of Rodlike GaOOH and [Ga ₂ O ₃] Films Using Simple Aqueous Solutions. <i>Journal of the Electrochemical Society</i> , 2005 , 152, C764	3.9	36
57	Reversible solid state redox of an octacyanomethylate-bridged coordination polymer by electrochemical ion insertion/extraction. <i>Inorganic Chemistry</i> , 2013 , 52, 3772-9	5.1	29
56	Material/element-dependent fluorescence-yield modes on soft X-ray absorption spectroscopy of cathode materials for Li-ion batteries. <i>AIP Advances</i> , 2016 , 6, 035105	1.5	28
55	Charge/discharge mechanism of a new Co-doped Li ₂ O cathode material for a rechargeable sealed lithium-peroxide battery analyzed by X-ray absorption spectroscopy. <i>Journal of Power Sources</i> , 2015 , 287, 220-225	8.9	27
54	High-Rate Lithium Ion Batteries with Flat Plateau Based on Self-Nanoporous Structure of Tin Electrode. <i>Journal of the Electrochemical Society</i> , 2007 , 154, A146	3.9	27
53	Fabrication of nanoparticulate porous LaOF films through film growth and thermal decomposition of ion-modified lanthanum diacetate hydroxide. <i>Langmuir</i> , 2004 , 20, 3769-74	4	27
52	Reversible contrast in focus series of annular bright field images of a crystalline LiMnO ₄ nanowire. <i>Ultramicroscopy</i> , 2013 , 125, 43-8	3.1	26
51	Ein Energiespeicherprinzip auf Basis bipolarer poröser Polymernetzwerke. <i>Angewandte Chemie</i> , 2012 , 124, 7972-7976	3.6	26
50	Operando soft x-ray emission spectroscopy of LiMn ₂ O ₄ thin film involving Li ^{1s} extraction/insertion reaction. <i>Electrochemistry Communications</i> , 2015 , 50, 93-96	5.1	24

49	Lithium insertion into nanometer-sized rutile-type $\text{Ti}_x\text{Sn}_{1-x}\text{O}_2$ solid solutions. <i>Solid State Ionics</i> , 2009 , 180, 956-960	3.3	22
48	Bio-inspired synthesis of $x\text{Li}_2\text{MnO}_3-(1-x)\text{LiNi}_0.33\text{Co}_0.33\text{Mn}_0.33\text{O}_2$ lithium-rich layered cathode materials. <i>Materials and Design</i> , 2016 , 109, 718-725	8.1	21
47	Preparation of bioplastic using soy protein. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 1077-1083	7.9	20
46	Electrochemical properties of $\text{LiMn}_x\text{Fe}_{1-x}\text{PO}_4$ ($x=0, 0.2, 0.4, 0.6, 0.8$ and 1.0)/vapor grown carbon fiber core/graphene composite nanowire synthesized by electrospinning method. <i>Journal of Power Sources</i> , 2014 , 248, 615-620	8.9	20
45	Size-controlled synthesis of ZIF-8 particles and their pyrolytic conversion into ZnO aggregates as photoanode materials of dye-sensitized solar cells. <i>CrystEngComm</i> , 2017 , 19, 2844-2851	3.3	19
44	Noncovalent Approach to Liquid-Crystalline Ion Conductors: High-Rate Performances and Room-Temperature Operation for Li-Ion Batteries. <i>ACS Omega</i> , 2018 , 3, 159-166	3.9	19
43	Crystal-Growth Process of Single-Crystal-like Mesoporous ZnO through a Competitive Reaction in Solution. <i>Crystal Growth and Design</i> , 2012 , 12, 2923-2931	3.5	19
42	Fabrication of Porous Metal Oxide Semiconductor Films by a Self-Template Method Using Layered Hydroxide Metal Acetates. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 31, 165-168	2.3	17
41	Synthesis of single crystalline $\text{Li}_0.44\text{MnO}_2$ nanowires with large specific capacity and good high current density property for a positive electrode of Li ion battery. <i>Journal of Power Sources</i> , 2010 , 195, 7098-7101	8.9	16
40	Fabrication of MnOOH nanorods on a substrate in an oxygen bubbled solution with superhydrophobic properties. <i>Nanotechnology</i> , 2008 , 19, 395605	3.4	16
39	Low-Temperature Deposition of Nanocrystalline ZnO Phosphor Films from Neutral Ethanolic Zinc Acetate Solutions in the Absence of Base. <i>Electrochemical and Solid-State Letters</i> , 2004 , 7, C49		16
38	Nanostructured liquid-crystalline Li-ion conductors with high oxidation resistance: molecular design strategy towards safe and high-voltage-operation Li-ion batteries. <i>Chemical Science</i> , 2020 , 11, 10631-10637	8.4	13
37	Formation of nanostructured $\text{MnO}/\text{Co}/\text{solid-electrolyte}$ interphase ternary composites as a durable anode material for lithium-ion batteries. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 760-4	4.5	12
36	Atomic and Electronic Structures of $\text{Li}_0.44\text{MnO}_2$ Nanowires and Li_2MnO_3 Byproducts in the Formation Process of LiMn_2O_4 Nanowires. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 18358-18365	3.8	11
35	Phonon confinement effect on nanocrystalline LiCoO_2 studied with Raman spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 2911-2915	3.9	11
34	Biomimetic synthesis of metal ion-doped hierarchical crystals using a gel matrix: formation of cobalt-doped LiMn_2O_4 with improved electrochemical properties through a cobalt-doped MnCO_3 precursor. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 792-8	4.5	10
33	Fabrication of Transparent ZnO Thick Film with Unusual Orientation by the Chemical Bath Deposition. <i>Crystal Growth and Design</i> , 2015 , 15, 3150-3156	3.5	9
32	Single Crystallization of Olivine Lithium Phosphate Nanowires using Oriented Attachments. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 7678-7682	3.8	9

31	VGCF-core@LiMn _{0.4} Fe _{0.6} PO ₄ -sheath heterostructure nanowire for high rate Li-ion batteries. <i>CrystEngComm</i> , 2013 , 15, 6638	3.3	9
30	Fabrication of highly porous and micropatterned SnO ₂ films by oxygen bubbles generated on the anode electrode. <i>Chemical Communications</i> , 2005 , 2609-11	5.8	9
29	Large Charge-Transfer Energy in LiFePO ₄ Revealed by Full-Multiplet Calculation for the Fe L-edge Soft X-ray Emission Spectra. <i>ChemPhysChem</i> , 2018 , 19, 988-992	3.2	8
28	Fabrication and photoluminescence of chemically stable La ₂ O ₃ :Eu ³⁺ -La ₂ Sn ₂ O ₇ core-shell-structured nanoparticles. <i>Chemical Communications</i> , 2004 , 2062-3	5.8	8
27	Investigation of the relationship between the cycle performance and the electronic structure in LiAlMnO (x = 0 and 0.2) using soft X-ray spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16507-16511	3.6	7
26	Microscopic photoelectron analysis of single crystalline LiCoO ₂ particles during the charge-discharge in an all solid-state lithium ion battery. <i>Scientific Reports</i> , 2019 , 9, 12452	4.9	7
25	Operando measurement of single crystalline Li ₄ Ti ₅ O ₁₂ with octahedral-like morphology by microscopic X-ray photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2019 , 233, 64-68	1.7	6
24	Mn 2p resonant X-ray emission clarifies the redox reaction and charge-transfer effects in LiMnO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 18363-18369	3.6	6
23	ZnO nano-rectangular framework-like structure from zinc hydroxide acetate plates. <i>Journal of the Ceramic Society of Japan</i> , 2012 , 120, 171-174	1	6
22	Superhydrophobic property of the perpendicular nanosheet film by hot water treatment of the metal aluminum. <i>Journal of the Ceramic Society of Japan</i> , 2009 , 117, 299-301	1	6
21	An ultrafast process for the fabrication of a Li metal/inorganic solid electrolyte interface. <i>Energy and Environmental Science</i> ,	35.4	6
20	Fabrication of Nanocrystalline ZnO Thick Films for Solar Cells. <i>Key Engineering Materials</i> , 2001 , 216, 69-72.	2.4	5
19	Operando soft X-ray emission spectroscopy of the FeO anode to observe the conversion reaction. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 26351-26357	3.6	5
18	Impact of Calendar Degradation on the Performance of LiFePO ₄ Graphite Li-Ion Cells during Charge-Discharge Cycling at 25°C. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A3525-A3530	3.9	4
17	Chemical bath deposition of transparent ZnO films incorporated with erythrosine B molecules and their synergetic electro/photochromic properties. <i>CrystEngComm</i> , 2020 , 22, 2447-2453	3.3	3
16	In-situ STEM Observation of Strain Field Movement in a LiMn ₂ O ₄ Nanowire Battery. <i>Microscopy and Microanalysis</i> , 2015 , 21, 953-954	0.5	3
15	Preparation of DNA-immobilized magnetic particles and their utilization as an accumulative material of metal ions. <i>Journal of Materials Research</i> , 2016 , 31, 360-369	2.5	3
14	Liquid Crystals: Liquid-Crystalline Electrolytes for Lithium-Ion Batteries: Ordered Assemblies of a Mesogen-Containing Carbonate and a Lithium Salt (Adv. Funct. Mater. 8/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 1205-1205	15.6	2

13	Correlation between the O 2p Orbital and Redox Reaction in LiMn Fe PO Nanowires Studied by Soft X-ray Absorption. <i>ChemPhysChem</i> , 2016 , 17, 4110-4115	3.2	2
12	Development of nanostructure control process in the solution for application to energy and environmental fields. <i>Journal of the Ceramic Society of Japan</i> , 2012 , 120, 47-51	1	2
11	Effect of the Charge Process on the Performance of Li-ion Cells during Charge-Discharge Cycling at 0°C. <i>Electrochemistry</i> , 2020 , 88, 230-235	1.2	2
10	Operando Soft X-ray Emission Studies of Lithium-Ion Batteries. <i>Electrochemistry</i> , 2016 , 84, 529-533	1.2	2
9	Synthesis of core-sheath structured fibers of SnO ₂ /carbon composites by electrospinning. <i>Journal of the Ceramic Society of Japan</i> , 2018 , 126, 662-666	1	2
8	Kinetic analysis of graphitized-carbon reactions in Li-ion cells before and after cycling degradation. <i>Solid State Ionics</i> , 2018 , 321, 98-105	3.3	1
7	Fabrication of transparent conductive zinc oxide films by chemical bath deposition using solutions containing Zn ²⁺ and Al ³⁺ ions. <i>Journal of the Ceramic Society of Japan</i> , 2015 , 123, 329-334	1	1
6	Effect of the Charge Process and Discharge Rate on the Lithium Stripping Process Visibility in LiFePO ₄ -Graphite Li-ion Cells during Charge-Discharge Cycling at 0°C. <i>Electrochemistry</i> , 2020 , 88, 340-342	1.2	1
5	Constant-rate heating-induced thermal runaway in 18650-type Li-ion cells charged/discharged at 100°C: Effect of undischARGEABLE Li at anode. <i>Journal of Power Sources</i> , 2021 , 505, 230082	8.9	0
4	Operando Soft X-ray Emission Studies of Lithium-Ion Batteries. <i>Hyomen Kagaku</i> , 2016 , 37, 66-71		
3	Synthesis and Electrical Properties of Garnet-type Solid Oxide Electrolyte Thin Films from Solution Route. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1496, 1		
2	Development of Positive Electrode Materials for the High Rate Lithium Ion Battery by Nanostructure Control. <i>Key Engineering Materials</i> , 2010 , 445, 109-112	0.4	
1	Conversion Reaction of Anode Material for Li-ion Battery Revealed by Operando Soft X-ray Emission Spectroscopy. <i>Denki Kagaku</i> , 2022 , 90, 4-9	0	