

Norihito Kijima

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrochemical Properties of Titanium Oxides with Disordered Layer Stacking through Flocculation of Exfoliated Titania Nanosheets. <i>Journal of the Electrochemical Society</i> , 2019, 166, A5301-A5307.	1.3	2
2	A novel synthetic route of micrometer-sized LiCoMnO ₄ as 5V cathode material for advanced lithium ion batteries. <i>Solid State Ionics</i> , 2019, 333, 9-15.	1.3	4
3	Microwave Synthesis of Fe ₂ O ₃ /SnO ₂ Nanocomposites and Its Lithium Storage Performance. <i>Chemistry Letters</i> , 2017, 46, 886-888.	0.7	5
4	Synthesis, crystal structure and conductive properties of garnet-type lithium ion conductor Al-free Li ₇ La ₃ Zr ₂ (O ≤ <i>x</i> ≤ 0.6). <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 678-683.	4.0	4
5	Synthesis, crystal structure, and electrochemical properties of hollandite-type K Ti ¹⁺ Mn O ₂ . <i>Solid State Ionics</i> , 2014, 262, 14-17.	1.3	10
6	Soft chemical synthesis and electrochemical properties of Li _{0.90} Mn _{0.90} Ti _{1.00} O ₂ with the Na _{0.44} MnO ₂ -type tunnel structure. <i>Journal of Power Sources</i> , 2013, 244, 382-388.	1.9	35
7	Ion-Exchange Synthesis, Crystal Structure, and Physical Properties of Hydrogen Titanium Oxide H ₂ Ti ₃ O ₇ . <i>Inorganic Chemistry</i> , 2013, 52, 13861-13864.	1.3	25
8	Lithium insertion and extraction properties of hollandite-type K _x TiO ₂ with different K content in the tunnel space. <i>Solid State Ionics</i> , 2013, 243, 22-29.	1.3	9
9	Structural and electrochemical properties of hydrogen titanium oxides. <i>Solid State Ionics</i> , 2013, 252, 109-115.	0.7	4
10	Lithium Insertion/Deinsertion Reactions of Ultrafine SnO ₂ Nanoparticles Synthesized by Microwave Heating. <i>Chemistry Letters</i> , 2012, 41, 850-852.	0.7	4
11	Synthesis and Electrochemical Properties of Porous Titania Prepared by Spray-drying of Titania Nanosheets. <i>Chemistry Letters</i> , 2012, 41, 1515-1517.	1.3	18
12	Synthesis, crystal structure, and electrochemical properties of hollandite-type K _{0.008} TiO ₂ . <i>Solid State Ionics</i> , 2012, 225, 502-505.	3.2	51
13	Ion-Exchange Synthesis, Crystal Structure, and Electrochemical Properties of Li ₂ Ti ₆ O ₁₃ . <i>Chemistry of Materials</i> , 2011, 23, 2344-2352.	1.3	49
14	Soft-Chemical Synthesis and Electrochemical Property of H ₂ Ti ₁₂ O ₂₅ as a Negative Electrode Material for Rechargeable Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2011, 158, A546.	0.7	10
15	Microwave Synthesis and Electrochemical Properties of Ultrafine SnO ₂ Nanoparticles. <i>Chemistry Letters</i> , 2011, 40, 414-416.	0.7	336
16	Crystal Structure of Fast Lithium-ion-conducting Cubic Li ₇ La ₃ Zr ₂ O ₁₂ . <i>Chemistry Letters</i> , 2011, 40, 60-62.	0.7	1
17	Synthesis and Crystal Structure of Cubic Perovskite-type BaMo _x Ti ¹⁺ O ₃ with <i>x</i> = 0.175. <i>Chemistry Letters</i> , 2011, 40, 524-526.	1.4	4
18	Synthesis, structure and physical properties of reduced barium titanate Ba ₂ Ti ₃ O ₂₂ . <i>Journal of Solid State Chemistry</i> , 2011, 184, 3117-3120.		

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19	Synthesis and electrochemical properties of a porous titania fabricated from exfoliated nanosheets. <i>Journal of Power Sources</i> , 2011, 196, 7006-7010.	4.0	18
20	Microwave synthesis, characterization, and electrochemical properties of $\text{Li}^{\pm}\text{-Fe}_2\text{O}_3$ nanoparticles. <i>Solid State Ionics</i> , 2011, 192, 293-297.	1.3	43
21	Synthesis and Electrochemical Properties of Ca-Substituted $\text{Li}_{0.44}\text{MnO}_2$. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, A100-A103.	2.2	2
22	Structural Reinvestigation of Alkali Hexatitanate. <i>Solid State Phenomena</i> , 2011, 170, 208-212.	0.3	0
23	Neutron powder diffraction study of tetragonal $\text{Li}_7\text{La}_3\text{Hf}_2\text{O}_{12}$ with the garnet-related type structure. <i>Journal of Solid State Chemistry</i> , 2010, 183, 180-185.	1.4	70
24	Electrical Conductivities of $\text{Na}_{0.44}\text{Mn}_{1-x}\text{Ti}_x\text{O}_2$. <i>Electrochemical and Solid-State Letters</i> , 2009, 12, F35.	2.2	11
25	High pressure synthesis and magnetic properties of CaFe_2O_4 -type NaMn_2O_4 and LiMn_2O_4 . <i>Journal of Physics: Conference Series</i> , 2009, 150, 042210.	0.3	4
26	Crystal growth and structure refinement of monoclinic Li_2TiO_3 . <i>Materials Research Bulletin</i> , 2009, 44, 168-172.	2.7	146
27	A Chemical Potential Diagram and an In-situ X-ray Diffraction Analysis of a Mg^{O} Catalyst Used in the Oxidative Dehydrogenation of n-Butane. <i>Catalysis Letters</i> , 2009, 127, 63-69.	1.4	13
28	A single-crystal study of the electrochemically Li-ion intercalated spinel-type $\text{Li}_4\text{Ti}_5\text{O}_{12}$. <i>Solid State Ionics</i> , 2009, 180, 631-635.	1.3	46
29	Synthesis and lithium ion insertion/extraction properties of hollandite-type MnO_2 prepared by acid digestion of Mn_2O_3 . <i>Solid State Ionics</i> , 2009, 180, 616-620.	1.3	23
30	Synthesis and crystallographic studies of garnet-related lithium-ion conductors $\text{Li}_6\text{CaLa}_2\text{Ta}_2\text{O}_{12}$ and $\text{Li}_6\text{BaLa}_2\text{Ta}_2\text{O}_{12}$. <i>Solid State Ionics</i> , 2009, 180, 602-606.	1.3	60
31	Synthesis and structure analysis of tetragonal $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ with the garnet-related type structure. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2046-2052.	1.4	658
32	X-ray absorption spectroscopic analysis of Cu_2S_4 . <i>Journal of Alloys and Compounds</i> , 2009, 480, 120-122.	2.8	9
33	Synthesis, characterization, and electrochemical properties of a thin flake titania fabricated from exfoliated nanosheets. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1447-1449.	1.9	11
34	Single-crystal synthesis and structure refinement of Li_2MoO_3 . <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1518-1520.	1.9	17
35	Single crystal growth and structure refinement of $\text{Li}_4\text{Ti}_5\text{O}_{12}$. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1454-1456.	1.9	61
36	Synthesis and crystallographic studies of garnet-type $\text{AgCa}_2\text{Mn}_2\text{V}_3\text{O}_{12}$ and $\text{NaPb}_2\text{Mn}_2\text{V}_3\text{O}_{12}$. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1740-1746.	1.9	6

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37	Synthesis, structure, and electrochemical Li-ion intercalation properties of Li ₂ Ti ₃ O ₇ with Na ₂ Ti ₃ O ₇ -type layered structure. <i>Solid State Ionics</i> , 2008, 178, 1725-1730.	1.3	71
38	Single Crystal Growth of CaMn ₂ O ₄ and CaMn ₃ O ₆ in Molten CaCl ₂ . <i>Chemistry Letters</i> , 2008, 37, 978-979.	0.7	12
39	Single-crystal synthesis, structure refinement and electrical properties of Li _{0.5} CoO ₂ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 436202.	0.7	47
40	Characterization and Electrochemical Property of $\hat{\pm}$ -Fe ₂ O ₃ Nanoparticles Prepared by Microwave Heating. <i>Chemistry Letters</i> , 2007, 36, 568-569.	0.7	14
41	Growth of Flexible and Transparent Thin-Film-Like LiCoO ₂ Crystals in High-Temperature Molten Chlorides. <i>Crystal Growth and Design</i> , 2007, 7, 2491-2494.	1.4	7
42	Structural and electrochemical properties of Li _{0.44+x} Mn _{1-y} Ti _y O ₂ as a novel 4V positive electrode material. <i>Journal of Power Sources</i> , 2007, 174, 1218-1223.	4.0	16
43	Single-crystal synthesis, structure analysis, and physical properties of the calcium ferrite-type Na _x Ti ₂ O ₄ with 0.558 <x< 1. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1020-1027.	1.4	8
44	Structure and electron density analysis of electrochemically and chemically delithiated LiCoO ₂ single crystals. <i>Journal of Solid State Chemistry</i> , 2007, 180, 313-321.	1.4	90
45	Synthesis, Structural Change upon Heating, and Electronic Structure of Ramsdellite-Type TiO ₂ . <i>Chemistry of Materials</i> , 2006, 18, 748-752.	3.2	20
46	A Low-Temperature Synthetic Route and Electrochemical Properties of Micrometer-Sized LiNi _{0.5} Mn _{1.5} O ₄ Single Crystals. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, A203.	2.2	15
47	High-pressure synthesis and crystal structure analysis of NaMn ₂ O ₄ with the calcium ferrite-type structure. <i>Journal of Solid State Chemistry</i> , 2006, 179, 169-174.	1.4	30
48	Crystal growth and structural properties of the spinel-type Li _{1+x} Mn _{2-x} O ₄ (x=0.10, 0.14). <i>Solid State Ionics</i> , 2006, 177, 691-695.	1.3	7
49	Preparation and Characterization of Pd Nanoparticles by Sonochemical Reduction of [Pd(NH ₃) ₄] ²⁺ in the Presence of 1-Propanol. <i>Chemistry Letters</i> , 2005, 34, 1658-1659.	0.7	2
50	Lithium ion insertion and extraction reactions with Hollandite-type manganese dioxide free from any stabilizing cations in its tunnel cavity. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2741-2750.	1.4	52
51	Single-crystal synthesis and structure refinement of the LiCoO ₂ –LiAlO ₂ solid-solution compounds: LiAl _{0.32} Co _{0.68} O ₂ and LiAl _{0.71} Co _{0.29} O ₂ . <i>Journal of Solid State Chemistry</i> , 2005, 178, 3667-3671.	1.4	7
52	Synthesis and crystallographic studies of garnet-type AgCa ₂ Co ₂ V ₃ O ₁₂ and AgCa ₂ Ni ₂ V ₃ O ₁₂ . <i>Journal of Physics and Chemistry of Solids</i> , 2005, 66, 103-107.	1.9	11
53	Synthesis and Electrochemical Properties of Li _{0.44} MnO ₂ as a Novel 4V Cathode Material. <i>Electrochemical and Solid-State Letters</i> , 2005, 8, A554.	2.2	22
54	Direct Observation of the Bulk Degradation of Li _{1.1} Mn _{1.9} O ₄ Single Crystals after High-Temperature Storage. <i>Electrochemical and Solid-State Letters</i> , 2005, 8, A361.	2.2	12

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55	Single-crystal X-ray structure analysis of the low temperature form of LiMn ₂ O ₄ . Solid State Ionics, 2004, 172, 491-494.	1.3	25
56	Synthesis and structure analysis of a new sodium iron titanate Na _{2+x} FexTi ₄ O ₉ with x=0.65. Solid State Ionics, 2004, 172, 495-497.	1.3	10
57	Structure and electron density analysis of Na _{0.74} CoO ₂ by single-crystal X-ray diffraction. Solid State Ionics, 2004, 172, 505-508.	1.3	15
58	Crystal structure of an open-tunnel oxide $\hat{\text{I}}\pm\text{-MnO}_2$ analyzed by Rietveld refinements and MEM-based pattern fitting. Journal of Solid State Chemistry, 2004, 177, 1258-1267.	1.4	63
59	Oxidative catalytic cracking of n-butane to lower alkenes over layered BiOCl catalyst. Applied Catalysis A: General, 2001, 206, 237-244.	2.2	159
60	Sulfur-tolerant Pd-Pt/Yb-USY zeolite catalysts used to reformulate diesel oils. Applied Catalysis A: General, 2001, 207, 303-307.	2.2	57
61	Preparation and Characterization of Open Tunnel Oxide $\hat{\text{I}}\pm\text{-MnO}_2$ Precipitated by Ozone Oxidation. Journal of Solid State Chemistry, 2001, 159, 94-102.	1.4	153
62	Catalytic Cracking of Naphtha to Light Olefins. Catalysis Surveys From Asia, 2001, 4, 157-167.	1.2	180
63	Control of pore structures of titanias and titania/aluminas using complexing agents. Studies in Surface Science and Catalysis, 2000, , 723-729.	1.5	0
64	Resistance anomaly in Cu _{1.2} Te ₄ . Journal of Physics and Chemistry of Solids, 1999, 60, 163-165.	1.9	14
65	Sulfur-tolerant Pd-Pt/Al ₂ O ₃ -B ₂ O ₃ catalyst for aromatic hydrogenation. Applied Catalysis A: General, 1999, 185, L199-L201.	2.2	32
66	Resistance Anomaly in Quasi-One-Dimensional Sulfide BaNbS ₃ + $\hat{\text{I}}$. Journal of Solid State Chemistry, 1999, 142, 57-62.	1.4	8
67	Evidence for Superconductivity in SrTa ₂ S ₅ and Metallic Characteristics of SrNb ₂ S ₅ . Journal of Solid State Chemistry, 1998, 135, 325-328.	1.4	5
68	Influence of Calcining Temperature on Synthesis of Bi _{2-x} Pb _x Sr ₂ Ca ₂ Cu ₃ O ₁₀ Superconductor. Journal of the Ceramic Society of Japan, 1998, 106, 1201-1205.		0
69	Probing giant reduction of T _c in the Li(Ti _{1-x} V _x) ₂ O ₄ spinel system. Applied Superconductivity, 1997, 5, 101-106.	0.5	0
70	Formation Process of 2223 Phase in Bi-Pb-Sr-Ca-Cu-O System via Calcining at 1073K. Journal of the Ceramic Society of Japan, 1996, 104, 101-108.	1.3	1
71	Superconductivity and metal-insulator transition in Cu(Ir _{1-x} Rh _x) ₂ S ₄ . European Physical Journal D, 1996, 46, 2425-2426.	0.4	10
72	Suppression of superconductivity in Li(Ti _{1-x} V _x) ₂ O ₄ . Journal of Physics and Chemistry of Solids, 1996, 57, 1615-1620.	1.9	14

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73	Superconductivity in $\text{CuRh}_2(\text{S}_{1-x}\text{Te}_x)_4$. Journal of Physics and Chemistry of Solids, 1996, 57, 1635-1639.	1.9	4
74	A New Strontium Vanadium Sulfide, SrV_2S_5 . Journal of Solid State Chemistry, 1996, 126, 189-194.	1.4	5
75	Superconductivity in $\text{Li}(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_4$. Physica C: Superconductivity and Its Applications, 1996, 263, 523-525.	0.6	3
76	Superconductivity in SrTa_2S_5 . Journal of Low Temperature Physics, 1996, 105, 1511-1516.	0.6	10
77	Synthesis of High- T_c 2223 Phase in Bi-Pb-Sr-Ca-Cu-O System by Short-Term Firing. Journal of the Ceramic Society of Japan, 1994, 102, 606-608.	1.3	0
78	Single-Crystal Synthesis and Structure Refinement of $\text{Na}_{0.44}\text{MnO}_2$. Solid State Phenomena, 0, 170, 198-202.	0.3	36
79	Single Crystal Synthesis of Cubic Garnet Related-Type $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ by a Self-Flux Method. Key Engineering Materials, 0, 485, 99-102.	0.4	24
80	Synthesis and Electrochemical Properties of Hollandite-Type $\text{K}_x\text{X}_y\text{TiO}_2$. Key Engineering Materials, 0, 485, 123-126.	0.4	6
81	Microwave Synthesis of Nano-Sized SnO_2 for Lithium-Ion Batteries. Key Engineering Materials, 0, 485, 127-130.	0.4	2
82	Synthesis and Electrochemical Properties of Porous Titania Fabricated from Nanosheets. Key Engineering Materials, 0, 566, 111-114.	0.4	2
83	Microwave Synthesis of $\text{SnO}_2/\text{Fe}_2\text{O}_3$ Nanocomposites for Lithium-Ion Batteries. Key Engineering Materials, 0, 566, 103-106.	0.4	1
84	Electrochemical Properties of $\text{Fe}_2\text{O}_3/\text{Ga}_2\text{O}_3$ Composite Electrodes for Lithium-Ion Batteries. Key Engineering Materials, 0, 566, 119-122.	0.4	7