Norihito Kijima

List of Publications by Year
in descending order

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84	3,106	236612	161609
papers	citations	25 h-index	54 g-index

85	85	85	3823
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and structure analysis of tetragonal Li7La3Zr2O12 with the garnet-related type structure. Journal of Solid State Chemistry, 2009, 182, 2046-2052.	1.4	658
2	Crystal Structure of Fast Lithium-ion-conducting Cubic Li7La3Zr2O12. Chemistry Letters, 2011, 40, 60-62.	0.7	336
3	Catalytic Cracking of Naphtha to Light Olefins. Catalysis Surveys From Asia, 2001, 4, 157-167.	1.2	180
4	Oxidative catalytic cracking of n-butane to lower alkenes over layered BiOCl catalyst. Applied Catalysis A: General, 2001, 206, 237-244.	2.2	159
5	Preparation and Characterization of Open Tunnel Oxide Î±-MnO2 Precipitated by Ozone Oxidation. Journal of Solid State Chemistry, 2001, 159, 94-102.	1.4	153
6	Crystal growth and structure refinement of monoclinic Li2TiO3. Materials Research Bulletin, 2009, 44, 168-172.	2.7	146
7	Structure and electron density analysis of electrochemically and chemically delithiated LiCoO2 single crystals. Journal of Solid State Chemistry, 2007, 180, 313-321.	1.4	90
8	Synthesis, structure, and electrochemical Li-ion intercalation properties of Li2Ti3O7 with Na2Ti3O7-type layered structure. Solid State Ionics, 2008, 178, 1725-1730.	1.3	71
9	Neutron powder diffraction study of tetragonal Li7La3Hf2O12 with the garnet-related type structure. Journal of Solid State Chemistry, 2010, 183, 180-185.	1.4	70
10	Crystal structure of an open-tunnel oxide Î±-MnO2 analyzed by Rietveld refinements and MEM-based pattern fitting. Journal of Solid State Chemistry, 2004, 177, 1258-1267.	1.4	63
11	Single crystal growth and structure refinement of Li4Ti5O12. Journal of Physics and Chemistry of Solids, 2008, 69, 1454-1456.	1.9	61
12	Synthesis and crystallographic studies of garnet-related lithium-ion conductors Li6CaLa2Ta2O12 and Li6BaLa2Ta2O12. Solid State Ionics, 2009, 180, 602-606.	1.3	60
13	Sulfur-tolerant Pd-Pt/Yb-USY zeolite catalysts used to reformulate diesel oils. Applied Catalysis A: General, 2001, 207, 303-307.	2.2	57
14	Lithium ion insertion and extraction reactions with Hollandite-type manganese dioxide free from any stabilizing cations in its tunnel cavity. Journal of Solid State Chemistry, 2005, 178, 2741-2750.	1.4	52
15	Ion-Exchange Synthesis, Crystal Structure, and Electrochemical Properties of Li₂Ti₆O₁₃. Chemistry of Materials, 2011, 23, 2344-2352.	3.2	51
16	Soft-Chemical Synthesis and Electrochemical Property of H2Ti12O25 as a Negative Electrode Material for Rechargeable Lithium-Ion Batteries. Journal of the Electrochemical Society, 2011, 158, A546.	1.3	49
17	Single-crystal synthesis, structure refinement and electrical properties of Li_{0.5}CoO₂. Journal of Physics Condensed Matter, 2007, 19, 436202.	0.7	47
18	Synthesis, crystal structure and conductive properties of garnet-type lithium ion conductor Al-free Li_{7−}<i>_x</i>La₃Zr<sub>2&minus (0 ≤ <i>x</i> ≤ 0.6). Journal of the Ceramic Society of Japan, 2016, 124, 678-683.		

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19	A single-crystal study of the electrochemically Li-ion intercalated spinel-type Li4Ti5O12. Solid State Ionics, 2009, 180, 631-635.	1.3	46
20	Microwave synthesis, characterization, and electrochemical properties of Î±-Fe2O3 nanoparticles. Solid State Ionics, 2011, 192, 293-297.	1.3	43
21	Single-Crystal Synthesis and Structure Refinement of Na_{0.44}MnO₂. Solid State Phenomena, 0, 170, 198-202.	0.3	36
22	Ion-Exchange Synthesis, Crystal Structure, and Physical Properties of Hydrogen Titanium Oxide H2Ti3O7. Inorganic Chemistry, 2013, 52, 13861-13864.	1.9	35
23	Sulfur-tolerant Pdâ€“Pt/Al2O3â€“B2O3 catalyst for aromatic hydrogenation. Applied Catalysis A: General, 1999, 185, L199-L201.	2.2	32
24	High-pressure synthesis and crystal structure analysis of NaMn2O4 with the calcium ferrite-type structure. Journal of Solid State Chemistry, 2006, 179, 169-174.	1.4	30
25	Single-crystal X-ray structure analysis of the low temperature form of LiMn2O4. Solid State Ionics, 2004, 172, 491-494.	1.3	25
26	Lithium insertion and extraction properties of hollandite-type KxTiO2 with different K content in the tunnel space. Solid State Ionics, 2013, 243, 22-29.	1.3	25
27	Single Crystal Synthesis of Cubic Garnet Related-Type Li₇La₃Zr₂O₁₂ by a Self-Flux Method. Key Engineering Materials, 0, 485, 99-102.	0.4	24
28	Synthesis and lithium ion insertion/extraction properties of hollandite-type MnO2 prepared by acid digestion of Mn2O3. Solid State Ionics, 2009, 180, 616-620.	1.3	23
29	Synthesis and Electrochemical Properties of Li[sub 0.44]MnO[sub 2] as a Novel 4â€‚V Cathode Material. Electrochemical and Solid-State Letters, 2005, 8, A554.	2.2	22
30	Synthesis, Structural Change upon Heating, and Electronic Structure of Ramsdellite-Type TiO2. Chemistry of Materials, 2006, 18, 748-752.	3.2	20
31	Synthesis and electrochemical properties of a porous titania fabricated from exfoliated nanosheets. Journal of Power Sources, 2011, 196, 7006-7010.	4.0	18
32	Synthesis, crystal structure, and electrochemical properties of hollandite-type K0.008TiO2. Solid State Ionics, 2012, 225, 502-505.	1.3	18
33	Single-crystal synthesis and structure refinement of Li2MoO3. Journal of Physics and Chemistry of Solids, 2008, 69, 1518-1520.	1.9	17
34	Structural and electrochemical properties of Li0.44+xMn1â^'yTiyO2 as a novel 4V positive electrode material. Journal of Power Sources, 2007, 174, 1218-1223.	4.0	16
35	Structure and electron density analysis of Na0.74CoO2 by single-crystal X-ray diffraction. Solid State Ionics, 2004, 172, 505-508.	1.3	15
36	A Low-Temperature Synthetic Route and Electrochemical Properties of Micrometer-Sized LiNi[sub 0.5]Mn[sub 1.5]O[sub 4] Single Crystals. Electrochemical and Solid-State Letters, 2006, 9, A203.	2.2	15

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37	Suppression of superconductivity in Li(Ti1â^'xVx)2O4. Journal of Physics and Chemistry of Solids, 1996, 57, 1615-1620.	1.9	14
38	Resistance anomaly in CuIr2Te4. Journal of Physics and Chemistry of Solids, 1999, 60, 163-165.	1.9	14
39	Characterization and Electrochemical Property of Î±-Fe2O3Nanoparticles Prepared by Microwave Heating. Chemistry Letters, 2007, 36, 568-569.	0.7	14
40	A Chemical Potential Diagram and an In-situ X-ray Diffraction Analysis of a Vâ€"Mgâ€"O Catalyst Used in the Oxidative Dehydrogenation of n-Butane. Catalysis Letters, 2009, 127, 63-69.	1.4	13
41	Direct Observation of the Bulk Degradation of Li[sub 1.1]Mn[sub 1.9]O[sub 4] Single Crystals after High-Temperature Storage. Electrochemical and Solid-State Letters, 2005, 8, A361.	2.2	12
42	Single Crystal Growth of CaMn2O4 and CaMn3O6 in Molten CaCl2. Chemistry Letters, 2008, 37, 978-979.	0.7	12
43	Synthesis and crystallographic studies of garnet-type AgCa2Co2V3O12 and AgCa2Ni2V3O12. Journal of Physics and Chemistry of Solids, 2005, 66, 103-107.	1.9	11
44	Synthesis, characterization, and electrochemical properties of a thin flake titania fabricated from exfoliated nanosheets. Journal of Physics and Chemistry of Solids, 2008, 69, 1447-1449.	1.9	11
45	Electrical Conductivities of Na[sub 0.44]Mn[sub 1â^'x]Ti[sub x]O[sub 2]. Electrochemical and Solid-State Letters, 2009, 12, F35.	2.2	11
46	Superconductivity and metal-insulator transition in Cu(Ir1â^'x Rh x)2S4. European Physical Journal D, 1996, 46, 2425-2426.	0.4	10
47	Superconductivity in SrTa2S5. Journal of Low Temperature Physics, 1996, 105, 1511-1516.	0.6	10
48	Synthesis and structure analysis of a new sodium iron titanate Na2+xFexTi4?xO9 with x=0.65. Solid State Ionics, 2004, 172, 495-497.	1.3	10
49	Microwave Synthesis and Electrochemical Properties of Ultrafine SnO2 Nanoparticles. Chemistry Letters, 2011, 40, 414-416.	0.7	10
50	Synthesis, crystal structure, and electrochemical properties of hollandite-type K Ti1â^'Mn O2. Solid State Ionics, 2014, 262, 14-17.	1.3	10
51	X-ray absorption spectroscopic analysis of CuIr2S4. Journal of Alloys and Compounds, 2009, 480, 120-122.	2.8	9
52	Structural and electrochemical properties of hydrogen titanium oxides. Solid State Ionics, 2013, 252, 109-115.	1.3	9
53	Resistance Anomaly in Quasi-One-Dimensional Sulfide BaNbS3+Î´. Journal of Solid State Chemistry, 1999, 142, 57-62.	1.4	8
54	Single-crystal synthesis, structure analysis, and physical properties of the calcium ferrite-type NaxTi2O4 with 0.558<x<1. Journal of Solid State Chemistry, 2007, 180, 1020-1027.	1.4	8

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55	Single-crystal synthesis and structure refinement of the LiCoO2â€“LiAlO2 solid-solution compounds: LiAl0.32Co0.68O2 and LiAl0.71Co0.29O2. Journal of Solid State Chemistry, 2005, 178, 3667-3671.	1.4	7
56	Crystal growth and structural properties of the spinel-type Li1+xMn2â^'xO4 (x=0.10, 0.14). Solid State Ionics, 2006, 177, 691-695.	1.3	7
57	Growth of Flexible and Transparent Thin-Film-Like LiCoO₂ Crystals in High-Temperature Molten Chlorides. Crystal Growth and Design, 2007, 7, 2491-2494.	1.4	7
58	Electrochemical Properties of Fe₂O₃/Ga₂O₃ Composite Electrodes for Lithium-Ion Batteries. Key Engineering Materials, 0, 566, 119-122.	0.4	7
59	Synthesis and crystallographic studies of garnet-type AgCa2Mn2V3O12 and NaPb2Mn2V3O12. Journal of Physics and Chemistry of Solids, 2008, 69, 1740-1746.	1.9	6
60	Synthesis and Electrochemical Properties of Hollandite-Type K<i>_X</i>TiO₂. Key Engineering Materials, 0, 485, 123-126.	0.4	6
61	A New Strontium Vanadium Sulfide, SrV2S5. Journal of Solid State Chemistry, 1996, 126, 189-194.	1.4	5
62	Evidence for Superconductivity in SrTa2S5and Metallic Characteristics of SrNb2S5. Journal of Solid State Chemistry, 1998, 135, 325-328.	1.4	5
63	Microwave Synthesis of Fe₂O₃/SnO₂ Nanocomposites and Its Lithium Storage Performance. Chemistry Letters, 2017, 46, 886-888.	0.7	5
64	Superconductivity in CuRh2(S1â^'xTex)4. Journal of Physics and Chemistry of Solids, 1996, 57, 1635-1639.	1.9	4
65	High pressure synthesis and magnetic properties of CaFe₂O₄-type NaMn₂O₄and LiMn₂O₄. Journal of Physics: Conference Series, 2009, 150, 042210.	0.3	4
66	Synthesis, structure and physical properties of reduced barium titanate Ba2Ti13O22. Journal of Solid State Chemistry, 2011, 184, 3117-3120.	1.4	4
67	Lithium Insertionâ€“Deinsertion Reactions of Ultrafine SnO2 Nanoparticles Synthesized by Microwave Heating. Chemistry Letters, 2012, 41, 850-852.	0.7	4
68	Synthesis and Electrochemical Properties of Porous Titania Prepared by Spray-drying of Titania Nanosheets. Chemistry Letters, 2012, 41, 1515-1517.	0.7	4
69	Soft chemical synthesis and electrochemical properties of Li0.90Mn0.90Ti0.10O2 with the Na0.44MnO2-type tunnel structure. Journal of Power Sources, 2013, 244, 382-388.	4.0	4
70	A novel synthetic route of micrometer-sized LiCoMnO4 as 5â€¯V cathode material for advanced lithium ion batteries. Solid State Ionics, 2019, 333, 9-15.	1.3	4
71	Superconductivity in Li(Ti1â^'xVx)2O4. Physica C: Superconductivity and Its Applications, 1996, 263, 523-525.	0.6	3
72	Preparation and Characterization of Pd Nanoparticles by Sonochemical Reduction of [Pd(NH3)4]2+in the Presence of 1-Propanol. Chemistry Letters, 2005, 34, 1658-1659.	0.7	2

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73	Microwave Synthesis of Nano-Sized SnO₂ for Lithium-Ion Batteries. Key Engineering Materials, 0, 485, 127-130.	0.4	2
74	Synthesis and Electrochemical Properties of Ca-Substituted Li_{0.44}MnO₂. Electrochemical and Solid-State Letters, 2011, 14, A100-A103.	2.2	2
75	Synthesis and Electrochemical Properties of Porous Titania Fabricated from Nanosheets. Key Engineering Materials, 0, 566, 111-114.	0.4	2
76	Electrochemical Properties of Titanium Oxides with Disordered Layer Stacking through Flocculation of Exfoliated Titania Nanosheets. Journal of the Electrochemical Society, 2019, 166, A5301-A5307.	1.3	2
77	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
78	Synthesis and Crystal Structure of Cubic Perovskite-type BaMoxTi1â^'xO3 with x â‰ˆ 0.175. Chemistry Letters, 2011, 40, 524-526.	0.7	1
79	Microwave Synthesis of SnO₂/Fe₂O₃ Nanocomposites for Lithium-Ion Batteries. Key Engineering Materials, 0, 566, 103-106.	0.4	1
80	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
81	Probing giant reduction of Tc in the Li(Ti1â^'xVx)2O4 spinel system. Applied Superconductivity, 1997, 5, 101-106.	0.5	0
82	Influence of Calcining Temperature on Synthesis of Bi_{2-x}Pb_xSr₂Ca₂Cu₃O₁₀ Superconductor. Journal of the Ceramic Society of Japan, 1998, 106, 1201-1205.	1.3	0
83	Control of pore structures of titanias and titania/aluminas using complexing agents. Studies in Surface Science and Catalysis, 2000, , 723-729.	1.5	0
84	Structural Reinvestigation of Alkali Hexatitanate. Solid State Phenomena, 2011, 170, 208-212.	0.3	0