

Akira Kondo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9591299/publications.pdf>

Version: 2024-02-01

48
papers

319
citations

840776

11
h-index

940533

16
g-index

51
all docs

51
docs citations

51
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid synthesis of LiNi _{0.5} Mn _{1.5} O ₄ by mechanical process and post-annealing. Materials Letters, 2014, 132, 218-220.	2.6	25
2	Smart Powder Processing for Advanced Materials. KONA Powder and Particle Journal, 2009, 27, 130-143.	1.7	24
3	One-step mechanical synthesis of the nanocomposite granule of LiMnPO ₄ nanoparticles and carbon. Advanced Powder Technology, 2013, 24, 829-832.	4.1	24
4	One-pot mechanical synthesis of the nanocomposite granule of LiCoO ₂ nanoparticles. Advanced Powder Technology, 2014, 25, 1280-1284.	4.1	20
5	Effect of ball collision direction on a wet mechanochemical reaction. Scientific Reports, 2021, 11, 210.	3.3	18
6	Wet Mechanical Route To Synthesize Morphology-Controlled NH ₄ MnPO ₄ ·H ₂ O and Its Conversion Reaction into LiMnPO ₄ . ACS Omega, 2019, 4, 5690-5695.	3.5	17
7	Development of Light Weight Materials with Low Thermal Conductivity by Making Use of Waste FRP. Journal of the Society of Powder Technology, Japan, 2010, 47, 768-772.	0.1	15
8	Effect of carbon addition on one-step mechanical synthesis of LiCoPO ₄ /C composite granules and their powder characteristics. Ceramics International, 2017, 43, 938-943.	4.8	14
9	One-pot Mechanical Synthesis of LiCoO ₂ from Li ₂ O Powder. Journal of the Society of Powder Technology, Japan, 2014, 51, 131-135.	0.1	13
10	Effect of flux powder addition on the synthesis of YAG phosphor by mechanical method. Advanced Powder Technology, 2018, 29, 457-461.	4.1	11
11	Smart Mechanical Powder Processing for Producing Carbon Nanotube Reinforced Aluminum Matrix Composites. KONA Powder and Particle Journal, 2022, 39, 219-229.	1.7	11
12	Effect of BaF ₂ powder addition on the synthesis of YAG phosphor by mechanical method. Advanced Powder Technology, 2017, 28, 50-54.	4.1	10
13	Bulk-type all-solid-state batteries with mechanically prepared LiCoPO ₄ composite cathodes. Journal of Solid State Electrochemistry, 2019, 23, 1297-1302.	2.5	10
14	Thermoresponsive gelling behavior of concentrated alumina suspensions containing poly(acrylic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	9.4	9
15	Powder Processing Issues for High Quality Advanced Ceramics. KONA Powder and Particle Journal, 2010, 28, 143-154.	1.7	8
16	Development of Low-platinum Catalyst for Fuel Cells by Mechano-chemical Method. Journal of the Society of Powder Technology, Japan, 2011, 48, 364-369.	0.1	8
17	Fabrication and modelling of Si ₃ N ₄ ceramics with radial grain alignment generated through centripetal sinter-forging. Journal of Materials Science and Technology, 2022, 126, 1-14.	10.7	8
18	Effect of mechanical processing on thermal and mechanical properties of fibrous fumed alumina compacts. Journal of Asian Ceramic Societies, 2018, 6, 156-161.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Separation Characteristics of a Multi-stage VIS Impactor for PM10/PM2.5 Mass Concentration Measurement in a Stack of a Stationary Source. Journal of the Society of Powder Technology, Japan, 2009, 46, 467-475.	0.1	5
20	Synthesis Process of the Lanthanum Manganite Powders by Mechanical Method. Journal of the Society of Powder Technology, Japan, 2012, 49, 745-749.	0.1	5
21	Novel Recycling Process of Waste FRP for Advanced Materials. Ceramic Transactions, 0, , 229-235.	0.1	5
22	Encapsulation of Protein-Loaded Hydroxyapatite Granules with Poly (lactic-co-glycolic acid). Journal of the Ceramic Society of Japan, 2007, 115, 745-747.	1.1	4
23	Evaluation of Particles Released from Single-wall Carbon Nanotube/Polymer Composites with or Without Thermal Aging by an Accelerated Abrasion Test. Journal of Occupational and Environmental Hygiene, 2014, 11, 658-664.	1.0	4
24	The Synthesis of YAG:Ce ³⁺ Phosphor by Mechanical Method. Journal of the Society of Powder Technology, Japan, 2017, 54, 32-36.	0.1	4
25	Solution-Based Approach for the Continuous Fabrication of Thin Lithium-Ion Battery Electrodes by Wet Mechanochemical Synthesis and Electrophoretic Deposition. Advanced Engineering Materials, 2021, 23, 2100524.	3.5	4
26	Correlation between Grinding Results in a Tumbling Ball Mill with Liquid Media and the Analysis of Ball Motions Using DEM Simulation. Journal of the Society of Powder Technology, Japan, 2019, 56, 148-155.	0.1	4
27	Effect of Temperature History on the Thermal and Mechanical Properties of Fibrous Fumed Alumina Compacts. Journal of the Society of Powder Technology, Japan, 2020, 57, 612-618.	0.1	4
28	Rapid synthesis of YAG phosphor by facile mechanical method. International Journal of Applied Ceramic Technology, 2022, 19, 681-687.	2.1	3
29	Relationship between Grinding Results in a Planetary Ball Mill with Liquid Media and the Distribution of Ball Impact Energy Calculated by DEM Simulation. Journal of the Society of Powder Technology, Japan, 2020, 57, 176-183.	0.1	3
30	Development of Recycling Process for Waste FRP Mortar Pipe. Journal of the Society of Powder Technology, Japan, 2012, 49, 827-831.	0.1	2
31	Development of Simple Method to Measure Thermal Conductivity of Thermal Insulations. Journal of the Society of Powder Technology, Japan, 2019, 56, 74-80.	0.1	2
32	Measurement Method of Thermal Conductivity in Ununiformed Temperature Field. Netsu Bussei, 2017, 31, 166-173.	0.1	2
33	Correlation between Grinding Results in a Tumbling Ball Mill with Liquid Media and the Distribution of Ball Impact Energy Calculated by DEM Simulation. Journal of the Society of Powder Technology, Japan, 2019, 56, 608-614.	0.1	2
34	High Performance Thermal Insulators Developed by using Particle Bonding and its Application for Material Recycling. Journal of Smart Processing, 2014, 3, 30-34.	0.1	2
35	Thermoreversible Gelling Slurry for Solid Freeforming Fabrication. IOP Conference Series: Materials Science and Engineering, 2011, 18, 072012.	0.6	1
36	Effect of Grinding Method on the Recycling of Waste Flexible Printed Circuits. Journal of the Society of Powder Technology, Japan, 2011, 48, 750-754.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Effect of Heating Temperature on the Battery Performances of LiCoO_2 Granules Synthesized by Mechanical Method. Journal of the Society of Powder Technology, Japan, 2015, 52, 634-640.	0.1	1
38	Specific Heat Capacity Measurement for Porous Composite Material with Glass Fiber/Fumed Silica Nanoparticles. Journal of the Society of Powder Technology, Japan, 2018, 55, 147-152.	0.1	1
39	Direct Filament Formation of Biological Carbon Nanotube Suspensions. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2012, 2012, 000132-000135.	0.2	1
40	Smart Powder Processing for Excellent Advanced Materials and Its Applications. KONA Powder and Particle Journal, 2023, 40, 14-28.	1.7	1
41	Effect of Heat Processing on the Thermal and Mechanical Properties of Fibrous Fumed Alumina Compacts. Journal of the Society of Powder Technology, Japan, 2021, 58, 596-602.	0.1	1
42	Evaluation of Composite Cathode Materials for Solid Oxide Fuel Cells Made by Using High Rotation Shearing Mixer. Journal of the Society of Powder Technology, Japan, 2012, 49, 594-598.	0.1	0
43	Effect of Moisture on the Thermal Conductivity of Hydrophilic Fumed Silica Thermal Insulation Compact. Journal of the Society of Powder Technology, Japan, 2018, 55, 153-157.	0.1	0
44	Evaluation of YAG:Ce^{3+} Phosphor Properties Synthesized by Mechanical Method. Journal of the Society of Powder Technology, Japan, 2019, 56, 142-147.	0.1	0
45	Thermal Diffusivity Measurement for Thermal Insulator Composite Material with Silica Nanoparticles/Glass Fiber by the Laser Flash Method. Journal of the Society of Powder Technology, Japan, 2019, 56, 123-129.	0.1	0
46	Measurement Method of Thermal Conductivity in Non-uniform and High Temperature Field. Netsu Bussei, 2020, 34, 137-146.	0.1	0
47	Control of Biofilm Formation Using Hydrophilic Nanoparticles. Journal of the Society of Powder Technology, Japan, 2020, 57, 588-592.	0.1	0
48	Effect of Heating Temperature on the Thermal and Mechanical Properties of Fibrous Fumed Silica Compacts. Journal of the Society of Powder Technology, Japan, 2022, 59, 152-159.	0.1	0