

Mineo Sato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2725016/publications.pdf>

Version: 2024-02-01

52
papers

781
citations

623734

14
h-index

526287

27
g-index

52
all docs

52
docs citations

52
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel green-emitting copper-doped Cs ₂ ZnCl ₄ ; synthesized via low-temperature solid-state reaction using a small amount of water. Journal of the Ceramic Society of Japan, 2022, 130, 458-463.	1.1	2
2	Afterglow improvement of high concentration Dy ³⁺ ; co-doped SrAl ₂ O ₄ :Eu ²⁺ ; phosphor prepared by H ₃ BO ₃ ; free synthesis using melt quenching method. Journal of the Ceramic Society of Japan, 2021, 129, 372-376.	1.1	5
3	Porous Lanthanide Metal-Organic Frameworks Using Pyridine-2,4-dicarboxylic Acid as a Linker: Structure, Gas Adsorption, and Luminescence Studies. Inorganic Chemistry, 2021, 60, 17810-17823.	4.0	3
4	Luminescence enhancement of LiSrPO ₄ :Eu ²⁺ phosphor by Mg ²⁺ ion addition. Materials Research Innovations, 2019, 23, 359-362.	2.3	6
5	Single Crystal Growth and Crystal Structure Analysis of Novel Orange-Red Emission Pure Nitride CaAl ₂ Si ₄ N ₈ :Eu ²⁺ Phosphor. ACS Omega, 2019, 4, 9939-9945.	3.5	13
6	Tubular Titanates: Alkali-Metal Ion-Exchange Features and Carbon Dioxide Adsorption at Room Temperature. Industrial & Engineering Chemistry Research, 2019, 58, 5168-5174.	3.7	10
7	Bluish-White Luminescence in Rare-Earth-Free Vanadate Garnet Phosphors: Structural Characterization of LiCa ₃ MV ₃ O ₁₂ (M = Zn and Mg). Inorganic Chemistry, 2018, 57, 857-866.	4.0	80
8	Nanophosphors synthesized by the water-assisted solid-state reaction (WASSR) method: Luminescence properties and reaction mechanism of the WASSR method. Applied Spectroscopy Reviews, 2018, 53, 177-194.	6.7	9
9	Synthesis of Na ₂ :FePO ₄ :F using polytetrafluoroethylene. Journal of the Ceramic Society of Japan, 2018, 126, 336-340.	1.1	5
10	Structure of triaquatris(1,1,1-trifluoro-4-oxopentan-2-olato)cerium(III) as a possible fluorescent compound. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 229-232.	0.5	0
11	Determination of the crystal structure and photoluminescence properties of NaEu _{1-x} Gd _x (MoO ₄) ₂ phosphor synthesized by a water-assisted low-temperature synthesis technique. RSC Advances, 2017, 7, 25089-25094.	3.6	9
12	Unusual, broad red emission of novel Ce ³⁺ -activated Sr ₃ Sc ₄ O ₉ phosphors under visible-light excitation. Journal of Materials Chemistry C, 2017, 5, 9472-9478.	5.5	67
13	On the possibility of polystyrene-derived carbon coating for NASICON-type Na ₃ V ₂ (PO ₄) ₃ composites as cathode materials for sodium-ion batteries. Journal of the Ceramic Society of Japan, 2017, 125, 322-325.	1.1	1
14	Improvement in Electrochemical Performance of LiCoPO ₄ /C Using Furnace Blacks with High Surface Areas as a Carbon-based Composite Material. Electrochemistry, 2017, 85, 643-646.	1.4	6
15	Synthesis of Li ₂ :SiO ₃ ; using novel water-assisted solid state reaction method. Journal of the Ceramic Society of Japan, 2017, 125, 472-475.	1.1	10
16	A new lanthanum(III) complex containing acetylacetonate and 1 <i>H</i> -imidazole. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1739-1742.	0.5	2
17	Abnormal improvement in emission of lanthanum oxysulfide phosphor La ₂ O ₂ S:Tb ³⁺ synthesized by a novel method, thermal decomposition in eutectic molten salt. Ceramics International, 2016, 42, 10389-10392.	4.8	4
18	Material Exhibiting Efficient CO ₂ Adsorption at Room Temperature for Concentrations Lower Than 1000 ppm: Elucidation of the State of Barium Ion Exchanged in an MFI-Type Zeolite. ACS Applied Materials & Interfaces, 2016, 8, 8821-8833.	8.0	15

#	ARTICLE	IF	CITATIONS
19	Synthesis Processing for Phosphor Materials. Journal of Smart Processing, 2016, 5, 350-357.	0.1	0
20	Novel green-emitting Ho ³⁺ -doped scandate phosphors. Journal of the Ceramic Society of Japan, 2015, 123, 880-883.	1.1	5
21	Electrochemical Properties of LiFePO ₄ Cathode Materials Coated with Newly Developed Carbon Black. Electrochemistry, 2015, 83, 858-860.	1.4	7
22	Viscosity analysis of alkali metal carbonate molten salts at high temperature. Journal of the Ceramic Society of Japan, 2015, 123, 355-358.	1.1	19
23	Synthesis and Luminescent Properties of Novel Ca ₃ Y ₃ Ge ₂ BO ₁₃ :Ln ³⁺ (Ln ³⁺ = Tb ³⁺ and Eu ³⁺) phosphors. Journal of the Ceramic Society of Japan, 2015, 123, 507-511.	1.1	3
24	Improvement of High Rate Performances for Ti-Doped Li ₃ V ₂ (PO ₄) ₃ Cathode Materials. Electrochemistry, 2015, 83, 828-830.	1.4	6
25	Possibility of Copper-Ion-Exchanged MFI-Type Zeolite as C-H Bond Activation Material for Propane and the Driving Force for Activation. Journal of Physical Chemistry C, 2015, 119, 21483-21496.	3.1	12
26	Synthesis of blue-emitting (K ^x Nax)Mg ₄ (PO ₄) ₃ :Eu ²⁺ phosphors. Journal of Information Display, 2014, 15, 53-57.	4.0	4
27	Synthesis of Eu ²⁺ -activated RbBaScSiO glass phosphors using melt synthesis technique. Journal of the Ceramic Society of Japan, 2014, 122, 452-455.	1.1	3
28	Novel Reddish Yellow-emitting Ce ³⁺ -Doped Ba ₃ Sc ₄ O ₉ Phosphors for Blue-light-based White LEDs. Chemistry Letters, 2014, 43, 828-830.	1.3	23
29	Novel Deep Red Emitting Phosphors Ca ₁₄ Zn ₆ M ₁₀₀ 35:Mn ⁴⁺ (M = Al ³⁺ and Ga ³⁺). Chemistry Letters, 2014, 43, 1213-1215.	1.3	79
30	Combinatorial synthesis of phosphors using arc-imaging furnace. Science and Technology of Advanced Materials, 2011, 12, 054205.	6.1	6
31	Crystal Growth of Silicate Phosphors from the Vapor Phase. IEICE Transactions on Electronics, 2011, E94-C, 1745-1748.	0.6	1
32	Synthesis of Eu ²⁺ -doped A-site and oxygen-deficient perovskite related host for photoluminescent materials. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2728-2730.	0.8	1
33	Hydrothermal Reaction by Microwave Heating for Synthesis of LiFePO ₄ as Cathode Material. Transactions of the Materials Research Society of Japan, 2010, 35, 397-400.	0.2	1
34	Metastable Sr _{0.5} TaO ₃ Perovskite Oxides Prepared by Nanosheet Processing. European Journal of Inorganic Chemistry, 2008, 2008, 5471-5475.	2.0	38
35	Solid Chemical Reaction by Microwave Heating for the Synthesis of LiFePO ₄ Cathode Material. Journal of the Ceramic Society of Japan, 2007, 115, 450-454.	1.3	5
36	Phase Transition of Ln ₃ IrO ₇ (Ln=Pr, Nd, Sm, Eu) and its Low-Temperature Structure. Journal of the Ceramic Society of Japan, 2007, 115, 577-581.	1.1	12

#	ARTICLE	IF	CITATIONS
37	Removal of Fluoride from Aqueous Solution by Ettringite. Journal of the Ceramic Society of Japan, 2006, 114, 729-732.	1.3	10
38	Powder Neutron Diffraction Study of Layered Perovskite, $\text{KCa}_2\text{Nb}_3\text{O}_{10}$. Journal of the Ceramic Society of Japan, 2006, 114, 795-797.	1.3	17
39	Possibility of Superconductivity in a Layered Perovskite Niobate, $\text{KCa}_2\text{Nb}_3\text{O}_{10}$, Synthesized by an Ion Exchange Reaction. Journal of the Ceramic Society of Japan, 2006, 114, 861-865.	1.3	2
40	Development of an Open-Ended Coaxial Line Probe for Measurement of Dielectric Properties of Inorganic Materials at High Temperature. Journal of the American Ceramic Society, 2006, 89, 2638-2640.	3.8	2
41	Synthesis of Phosphor Materials Using Silica Sand. Journal of the Ceramic Society of Japan, 2005, 113, 442-445.	1.3	1
42	Sol-Gel Synthesis of Long Persistent Phosphor $\text{Sr}_2\text{MgSi}_2\text{O}_7$: Eu, Dy Thin Film. Journal of the Ceramic Society of Japan, 2005, 113, 484-487.	1.3	8
43	Photocatalytic water splitting on hydrated layered perovskite tantalate $\text{A}_2\text{SrTa}_2\text{O}_7 \cdot n\text{H}_2\text{O}$ ($\text{A} = \text{H, K, and Ti}$). <i>ETQq</i> 1 10.78431 2.8 104		
44	Synthesis of Phosphor Materials Using Natural Ore "Serpentine".. Journal of the Ceramic Society of Japan, 2003, 111, 151-154.	1.3	4
45	Synthesis and Characterization of New Long Persistent Phosphor.. Journal of the Ceramic Society of Japan, 2002, 110, 283-288.	1.3	23
46	Trivalent Ionic Conductivity of Perovskite-Type $\text{Y}_{1-x}\text{Ta}_x\text{O}_{10}$ (Ta) and $\text{Y}_{1-x}\text{Nb}_x\text{O}_{10}$ (Nb) Electrochemistry, 2000, 68, 504-506.		
47	CO_2 Gas Sensor Using the Potassium Ionic Conductor $\text{K}_2\text{O-Sm}_2\text{O}_3-6\text{SiO}_2$. Journal of the Ceramic Society of Japan, 1997, 105, 255-257.	1.3	1
48	Structure Determination of New Layered Perovskite Compound, $\text{NaLaTa}_2\text{O}_7$, Synthesized by Ion-Exchange Reaction. Journal of the Ceramic Society of Japan, 1997, 105, 482-485.	1.3	23
49	New Layered Perovskite Compounds, LiLaTiO_4 and LiEuTiO_4 . Journal of the Ceramic Society of Japan, 1996, 104, 140-142.	1.3	24
50	Photostimulated Luminescence and Structural Characterization of $\text{Ba}_5(\text{PO}_4)_3\text{Cl} \cdot \text{Eu}_2\text{O}_3$. Journal of the Electrochemical Society, 1994, 141, 1851-1855.	2.9	47
51	Crystal Structure and Ionic Conductivity of a Layered Perovskite, $\text{NaLaTa}_2\text{O}_7$. Journal of the Ceramic Society of Japan, 1994, 102, 737-741.	1.3	27
52	Structural Characterization and Ion Conductivity of $\text{M}\text{Ca}_2\text{NaNb}_4\text{O}_{13}$ ($\text{M} = \text{Rb, Na}$) with Four Units of Perovskite Layer. Journal of the Ceramic Society of Japan, 1993, 101, 980-984.	1.3	11