

Daisuke Urushihara

List of Publications by Year in descending order

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papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	Local structural analysis of $\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$ multiferroic material using X-ray fluorescence holography. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 100601.	1.5	17
2	Temperature-induced changes of the electrical and mechanical properties of aerosol-deposited BaTiO_3 thick films for energy storage applications. <i>Journal of the American Ceramic Society</i> , 2022, 105, 4108-4121.	3.8	15
3	Discovery of the High-Pressure Phase of $\text{Ba}_3\text{W}_2\text{O}_9$ and Determination of Its Crystal Structure. <i>Inorganic Chemistry</i> , 2017, 56, 13007-13013.	4.0	7
4	Improved room-temperature magnetoelectric effect and crystal structure in polycrystalline $\text{BaSrCo}_2\text{Fe}_{11}\text{AlO}_{22}$. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	7
5	Ordinary and extraordinary structural phase transitions in the perovskite-related layered compound $\text{Sr}_3\text{W}_2\text{O}_9$. <i>Physical Review B</i> , 2019, 99, .	3.2	6
6	Observation of Ferrochiral Transition Induced by an Antiferroaxial Ordering of Antipolar Structural Units in $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. <i>Journal of the American Chemical Society</i> , 2021, 143, 3638-3646.	13.7	6
7	Flux growth of doped lanthanum silicate oxyapatite crystals with hexagonal tabular morphology. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 143-149.	1.1	5
8	Synthesis, Structure, and Anomalous Magnetic Ordering of the Spin-1/2 Coupled Square Tetramer System $\text{K}(\text{NbO})\text{Cu}_4(\text{PO}_4)_4$. <i>Inorganic Chemistry</i> , 2020, 59, 10986-10995.	4.0	5
9	Crystal Structure and Photoluminescence Properties of an Incommensurate Phase in EuO - and P_2O_5 -Doped Ca_2SiO_4 . <i>Inorganic Chemistry</i> , 2019, 58, 6155-6160.	4.0	4
10	Structural Transition with a Sharp Change in the Electrical Resistivity and Spin-Orbit Mott Insulating State in a Rhenium Oxide, $\text{Sr}_3\text{Re}_2\text{O}_9$. <i>Inorganic Chemistry</i> , 2021, 60, 507-514.	4.0	4
11	Templated grain growth of textured lanthanum silicate oxyapatite ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2020, 128, 954-961.	1.1	4
12	High-pressure synthesis and crystal structure of the strontium tungstate $\text{Sr}_3\text{W}_2\text{O}_9$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 120-124.	0.5	3
13	Average and Local Crystal Structures of Multiferroic $\text{Eu}^{1-x}\text{Y}_x\text{MnO}_3$ ($x = 0.2$ and 0.4). <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 2000334.	1.5	3
14	Synthesis and structural characterization of U-phase, $[\text{3Ca}_2\text{Al}(\text{OH})_6][\text{Na}(\text{H}_2\text{O})_6(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}]$ layered double hydroxide. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122730.	2.9	3
15	Crystal Structure and Cation Distribution of the X-type Hexaferrite $\text{Sr}_2\text{Co}_2\text{Fe}_{28}\text{O}_{46}$. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 034601.	1.6	2
16	Discovery of Fast Calcium-Ion Conduction in Grossite-Type Compounds CaAl_4O_7 and CaGa_4O_7 by Bond Valence Screening Method. <i>ACS Applied Energy Materials</i> , 2022, 5, 3227-3234.	5.1	2
17	Grain-oriented polycrystalline sodium titanate formed by reactive diffusion between solid Al_2TiO_5 and liquid [25 mol % Na_2O and 75 mol % TiO_2]. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 150-157.	1.1	1
18	Octahedral Tilting and Modulation Structure in Perovskite-Related Compound $\text{La}_{1/3}\text{NbO}_3$. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, .	1.5	1

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19	Unique octahedral rotation pattern in the oxygen-deficient Ruddlesden-Popper compound $Gd_3Ba_2Fe_4O_{12}$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 286-290.	0.5	0