

Yoshiyuki Inaguma

List of Publications by Year in descending order

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all docs

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docs citations

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times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	A Polar Oxide ZnSnO_3 with a LiNbO_3 -Type Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 6704-6705.	6.6	266
2	A rechargeable lithium-air battery using a lithium ion-conducting lanthanum lithium titanate ceramics as an electrolyte separator. <i>Journal of Power Sources</i> , 2013, 228, 250-255.	4.0	129
3	Synthesis, Structural Transformation, Thermal Stability, Valence State, and Magnetic and Electronic Properties of PbNiO_3 with Perovskite- and LiNbO_3 -Type Structures. <i>Journal of the American Chemical Society</i> , 2011, 133, 16920-16929.	6.6	99
4	High-Pressure Synthesis, Structure, and Characterization of a Post-perovskite CaPtO_3 with CaIrO_3 -Type Structure. <i>Inorganic Chemistry</i> , 2008, 47, 1868-1870.	1.9	45
5	An Approach to Control of Band Gap Energy and Photoluminescence upon Band Gap Excitation in Pr^{3+} -Doped Perovskites $\text{La}_{1/3}\text{MO}_3$ (M = Nb, Ta): Pr^{3+} . <i>Inorganic Chemistry</i> , 2011, 50, 5389-5395.	1.9	42
6	Dielectric properties of a polar ZnSnO_3 with LiNbO_3 -type structure. <i>Journal of Solid State Chemistry</i> , 2012, 195, 115-119.	1.4	41
7	Synthesis of gallium oxynitride nanoparticles through hydrothermal reaction in the presence of acetylene black and their photocatalytic NO_x decomposition. <i>Nanoscale</i> , 2018, 10, 1837-1844.	2.8	41
8	Temperature dependence of luminescence properties of praseodymium-doped perovskite $\text{CaTiO}_3:\text{Pr}^{3+}$. <i>Thermochimica Acta</i> , 2012, 532, 168-171.	1.2	33
9	Synthesis, band structure and photocatalytic properties of SrLa_2O_7 Aurivillius oxychlorides $\text{BaBi}_5\text{Ti}_3\text{O}_{14}\text{Cl}$, $\text{Ba}_2\text{Bi}_5\text{Ti}_4\text{O}_{17}\text{Cl}$ and $\text{Ba}_3\text{Bi}_5\text{Ti}_5\text{O}_{20}\text{Cl}$ with triple-, quadruple- and quintuple perovskite layers. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6332-6340.	5.2	22
10	High-Pressure Synthesis, Crystal Structure, Chemical Bonding, and Ferroelectricity of LiNbO_3 -Type LiSbO_3 . <i>Inorganic Chemistry</i> , 2018, 57, 15462-15473.	1.9	19
11	Synthesis and lithium ion conductivity of cubic deficient perovskites $\text{SrLi}_2\text{TiTaO}$ and the La-doped compounds. <i>Solid State Ionics</i> , 2004, 174, 19-26.	1.3	18
12	Synthesis of the perovskite-type oxyfluoride AgTiO_2F : an approach adopting the HSAB principle. <i>Dalton Transactions</i> , 2020, 49, 6957-6963.	1.6	10
13	High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{NaRMn}_2\text{Ti}_4\text{O}_{12}$ with R = Sm, Eu, Gd, Dy, Ho, Y. <i>Inorganic Chemistry</i> , 2020, 59, 9065-9076.	1.9	10
14	Effect of lithium isotopes on the phase transition in NASICON-type lithium-ion conductor $\text{LiZr}_2(\text{PO}_4)_3$. <i>Solid State Ionics</i> , 2018, 321, 29-33.	1.3	7
15	Ferrimagnetic and relaxor ferroelectric properties of $\text{R}_2\text{MnMn}(\text{MnTi}_3)\text{O}_{12}$ perovskites with R = Nd, Eu, and Gd. <i>Journal of Materials Chemistry C</i> , 2021, 9, 947-956.	2.7	6
16	Mechanochemical synthesis of cobalt/copper fluorophosphate generates a multifunctional electrocatalyst. <i>Chemical Communications</i> , 2020, 56, 9276-9279.	2.2	5
17	Modulating the Structure and Magnetic Properties of $\mu\text{-Fe}_2\text{O}_3$ Nanoparticles via Electrochemical Li^+ Insertion. <i>Inorganic Chemistry</i> , 2020, 59, 4357-4365.	1.9	4
18	Exploratory Synthesis for Complex Metal Fluorides Using Solid-State Fluorine Sources. <i>Inorganic Chemistry</i> , 2022, 61, 1728-1734.	1.9	3

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19	Cation- and anion-ordered rutile-type derivative $\text{LiTeO}_3(\text{OH})$. <i>Chemical Communications</i> , 2020, 56, 10042-10045.	2.2	2
20	A bifunctional lead-iron oxyfluoride, PbFeO_2F , that functions as a visible-light-responsive photoanode and an electrocatalyst for water oxidation. <i>RSC Advances</i> , 2021, 11, 25616-25623.	1.7	2
21	A two-dimensional perovskite oxyfluoride $\text{Pb}_3\text{Fe}_2\text{O}_5\text{F}_2$ as a catalyst for electrochemical oxidation of water to oxygen. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2423-2427.	2.5	2
22	Synthesis, structure and ionic conductivities of novel Li-ion conductor $\text{A}_3\text{LiTa}_6\text{ZrSi}_4\text{O}_{26}$ (A= Sr and Tj). <i>ETQq0</i> 0.0,rgBT /Oylock 10	1.3	1
23	Preparation and luminescence properties of Pr, Al doped SrTiO_3 thin films. <i>Ferroelectrics</i> , 2019, 539, 153-158.	0.3	1
24	High-Pressure Synthesis of Trigonal LiFe_2F_6 : New Iron Fluoride with Li^{+} Tunnels as a Potential Cathode for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8248-8255.	1.5	1
25	A Bifunctional Lead-iron Oxyfluoride, PbFeO_2F , That Drives Photoelectrochemical and Electrochemical Water Oxidation. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 1736-1736.	0.0	0