

# Yoshiyuki Inaguma

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

809  
citations

840585

11  
h-index

610775

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25  
all docs

25  
docs citations

25  
times ranked

1255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploratory Synthesis for Complex Metal Fluorides Using Solid-State Fluorine Sources. <i>Inorganic Chemistry</i> , 2022, 61, 1728-1734.	1.9	3
2	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
3	High-Pressure Synthesis of Trigonal $\text{LiFe}_{2}\text{F}_{6}$ : New Iron Fluoride with $\text{Li}^{+}$ Tunnels as a Potential Cathode for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8248-8255.	1.5	1
4	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
5	A bifunctional lead-iron oxyfluoride, $\text{PbFeO}_{2}\text{F}$ , 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
6	Synthesis, band structure and photocatalytic properties of $\text{Sillarsite Aurivillius oxychlorides BaBi}_{5}\text{Ti}_{3}\text{O}_{14}\text{Cl}$ , $\text{Ba}_{2}\text{Bi}_{5}\text{Ti}_{4}\text{O}_{17}\text{Cl}$ 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, 8332-8340.	5.2	22
7	A Bifunctional Lead-iron Oxyfluoride, $\text{PbFeO}_{2}\text{F}$ , That Drives Photoelectrochemical and Electrochemical Water Oxidation. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 1736-1736.	0.0	0
8	Mechanochemical synthesis of cobalt/copper fluorophosphate generates a multifunctional electrocatalyst. <i>Chemical Communications</i> , 2020, 56, 9276-9279.	2.2	5
9	Cation- and anion-ordered rutile-type derivative $\text{LiTeO}_{3}(\text{OH})$ . <i>Chemical Communications</i> , 2020, 56, 10042-10045.	2.2	2
10	Synthesis of the perovskite-type oxyfluoride $\text{AgTiO}_{2}\text{F}$ : an approach adopting the HSAB principle. <i>Dalton Transactions</i> , 2020, 49, 6957-6963.	1.6	10
11	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
12	Modulating the Structure and Magnetic Properties of $\mu\text{-Fe}_{2}\text{O}_{3}$ Nanoparticles via Electrochemical $\text{Li}^{+}$ Insertion. <i>Inorganic Chemistry</i> , 2020, 59, 4357-4365.	1.9	4
13	Preparation and luminescence properties of Pr, Al doped $\text{SrTiO}_{3}$ thin films. <i>Ferroelectrics</i> , 2019, 539, 153-158.	0.3	1
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	Synthesis of gallium oxynitride nanoparticles through hydrothermal reaction in the presence of acetylene black and their photocatalytic $\text{NO}_{x}$ decomposition. <i>Nanoscale</i> , 2018, 10, 1837-1844.	2.8	41
16	High-Pressure Synthesis, Crystal Structure, Chemical Bonding, and Ferroelectricity of $\text{LiNbO}_{3}$ -Type $\text{LiSbO}_{3}$ . <i>Inorganic Chemistry</i> , 2018, 57, 15462-15473.	1.9	19
17	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>ETQq1</i> 1.0, 784314 rgBT /Oe	1.3	1
18	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

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19	Dielectric properties of a polar ZnSnO <sub>3</sub> with LiNbO <sub>3</sub> -type structure. Journal of Solid State Chemistry, 2012, 195, 115-119.	1.4	41
20	Temperature dependence of luminescence properties of praseodymium-doped perovskite CaTiO <sub>3</sub> :Pr <sup>3+</sup> . Thermochimica Acta, 2012, 532, 168-171.	1.2	33
21	An Approach to Control of Band Gap Energy and Photoluminescence upon Band Gap Excitation in Pr <sup>3+</sup> -Doped Perovskites La <sub>1/3</sub> MO <sub>3</sub> (M = Nb, Ta):Pr <sup>3+</sup> . Inorganic Chemistry, 2011, 50, 5389-5395.	1.9	42
22	Synthesis, Structural Transformation, Thermal Stability, Valence State, and Magnetic and Electronic Properties of PbNiO <sub>3</sub> with Perovskite- and LiNbO <sub>3</sub> -Type Structures. Journal of the American Chemical Society, 2011, 133, 16920-16929.	6.6	99
23	High-Pressure Synthesis, Structure, and Characterization of a Post-perovskite CaPtO <sub>3</sub> with CaIrO <sub>3</sub> -Type Structure. Inorganic Chemistry, 2008, 47, 1868-1870.	1.9	45
24	A Polar Oxide ZnSnO <sub>3</sub> with a LiNbO <sub>3</sub> -Type Structure. Journal of the American Chemical Society, 2008, 130, 6704-6705.	6.6	266
25	Synthesis and lithium ion conductivity of cubic deficient perovskites SrLi <sub>2</sub> TiTaO and the La-doped compounds. Solid State Ionics, 2004, 174, 19-26.	1.3	18