

Shinji Tamura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9219703/publications.pdf>

Version: 2024-02-01

41
papers

456
citations

840776

11
h-index

713466

21
g-index

41
all docs

41
docs citations

41
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Environmentally Friendly Blue Pigments Based on $\text{Na}_4\text{Cu}(\text{PO}_4)_2$. Chemistry Letters, 2022, 51, 360-363.	1.3	1
2	Improvement of bromide ion conduction in a lanthanum oxybromide-based solid by adjusting the electronegativity of the cation dopant. Materials Letters, 2021, 286, 129211.	2.6	3
3	Low-temperature Operable Catalytic Combustion-type CO Gas Sensors. Bunseki Kagaku, 2021, 70, 327-334.	0.2	0
4	Enhanced ionic conductivity of aluminum tungstate by crystallographic orientation in a strong magnetic field. Journal of the American Ceramic Society, 2021, 104, 6364.	3.8	6
5	Development of novel solid electrolytes and their application to gas sensors. Journal of the Ceramic Society of Japan, 2021, 129, 638-645.	1.1	2
6	Enhancement of bromide ion conductivity in lanthanum oxybromide based solids by doping divalent zinc ion with high electronegativity. Journal of Asian Ceramic Societies, 2020, 8, 925-929.	2.3	4
7	Novel Environment-Friendly Blue Pigments Based on $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. Journal of the Japan Society of Colour Material, 2020, 93, 214-218.	0.1	1
8	Crystal phase control and ionic conductivity of magnesium ion-doped lanthanum oxyfluoride. Journal of the Ceramic Society of Japan, 2020, 128, 863-865.	1.1	6
9	Synthesis and characterization of divalent ion conductors with NASICON-type structures. Journal of Asian Ceramic Societies, 2019, 7, 221-227.	2.3	12
10	Divalent Ni^{2+} cation conduction in NASICON-type solid. Materials Letters, 2019, 234, 261-263.	2.6	6
11	Novel Environmentally-Friendly Inorganic Pigments Based on Oxide. Journal of the Japan Society of Colour Material, 2019, 92, 64-68.	0.1	0
12	Novel $\text{Br}^{\cdot-}$ ion conducting solid electrolyte based on LaOBr . Journal of the Ceramic Society of Japan, 2018, 126, 761-765.	1.1	3
13	Sensitivity enhancement of catalytic combustion-type CO gas sensor using an artificial diamond with Pt-loaded $\text{CeO}_2/\text{ZrO}_2/\text{ZnO}$ based catalyst. Journal of the Ceramic Society of Japan, 2018, 126, 750-754.	1.1	7
14	Novel environment-friendly yellow pigments based on praseodymium(III) tungstate. Ceramics International, 2017, 43, 7366-7368.	4.8	23
15	New Calcium Ion Conducting Solid Electrolyte with NASICON-type Structure. Chemistry Letters, 2017, 46, 1486-1489.	1.3	12
16	A Catalytic Combustion-type Carbon Monoxide Gas Sensor Incorporating an Apatite-type Oxide. ISIJ International, 2016, 56, 1634-1637.	1.4	6
17	Trivalent gallium ion conduction in NASICON-type solid. Journal of Asian Ceramic Societies, 2016, 4, 390-393.	2.3	3
18	Novel environmentally friendly inorganic yellow pigments based on gehlenite-type structure. Ceramics International, 2016, 42, 15104-15106.	4.8	24

#	ARTICLE	IF	CITATIONS
19	Highly conducting divalent Mg ²⁺ cation solid electrolytes with well-ordered three-dimensional network structure. <i>Journal of Solid State Chemistry</i> , 2016, 235, 7-11.	2.9	38
20	Low-temperature-operative Hydrogen Gas Sensor Employing 10 wt % Pt/Ce _{0.68} Zr _{0.17} Sn _{0.15} O _{2.0} Catalyst. <i>Chemistry Letters</i> , 2015, 44, 437-439.	1.3	0
21	A New Catalytic Combustion-type Carbon Monoxide Gas Sensor Employing Precious Metal-free CO Oxidizing Catalyst. <i>ISIJ International</i> , 2015, 55, 1699-1701.	1.4	11
22	Divalent Sr ²⁺ Cation Conducting Solid Electrolyte with NASICON-type Structure. <i>Electrochemistry</i> , 2014, 82, 830-832.	1.4	0
23	Catalytic combustion-type CO sensor applying Pt loaded CeO ₂ /ZrO ₂ /ZnO solid solution. <i>Journal of the Ceramic Society of Japan</i> , 2014, 122, 601-603.	1.1	8
24	The First Combined Experimental and Theoretical Evaluation of Tetravalent Cation Conduction in a Solid. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4300-4304.	2.0	2
25	Sulfur Dioxide Gas Sensor Based on Tetravalent Zr ⁴⁺ -conducting Solid Electrolyte. <i>Chemistry Letters</i> , 2013, 42, 28-30.	1.3	2
26	Low-temperature-operative Carbon Monoxide Gas Sensor with Novel CO Oxidizing Catalyst. <i>Chemistry Letters</i> , 2013, 42, 441-443.	1.3	17
27	Highly Tetravalent Hafnium Ion Conducting Solids with a NASICON-Type Structure. <i>Electrochemistry</i> , 2012, 80, 743-745.	1.4	2
28	Development of Ammonia Gas Sensors Based on Trivalent Al ³⁺ Cation Conducting Solid Electrolyte. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 634-641.	3.2	2
29	Development of Multivalent Ion Conducting Solid Electrolytes. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 353-362.	3.2	22
30	Highly Water Durable NH ₃ Gas Sensor Based on Al ³⁺ Ion Conducting Solid Electrolyte with NH ₄ ⁺ -Gallate. <i>Electrochemistry</i> , 2011, 79, 450-452.	1.4	4
31	Solid Electrolyte Type NH ₃ Gas Sensor Applicable in a Humid Atmosphere. <i>Electrochemistry</i> , 2010, 78, 126-128.	1.4	10
32	Enhancement of Hf ⁴⁺ Ion Conductivity in a NASICON-Type Solid. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 415-418.	3.2	9
33	The development of novel trivalent ion conducting solids and their application for gas sensors. <i>Journal of Electroceramics</i> , 2010, 24, 331-344.	2.0	4
34	First Discovery of Tetravalent Ti ⁴⁺ Ion Conduction in a Solid. <i>Chemistry of Materials</i> , 2009, 21, 579-581.	6.7	13
35	Electrochemical Single-Crystal Growth of Nonstoichiometric Terbium Oxide. <i>Crystal Growth and Design</i> , 2008, 8, 1035-1038.	3.0	2
36	An extraordinarily high Ba ²⁺ conducting solid. <i>Journal of Materials Chemistry</i> , 2007, 17, 4230.	6.7	2

#	ARTICLE	IF	CITATIONS
37	Novel Li ⁺ Ion-conductive Solid of LiNO ₃ with (Gd _{0.9} La _{0.1}) ₂ O ₃ . <i>Electrochemistry</i> , 2003, 71, 1039-1041.	1.4	3
38	Extraordinary High Trivalent Al ³⁺ Ion Conduction in Solids. <i>Chemistry of Materials</i> , 2002, 14, 4481-4483.	6.7	50
39	Ion Conducting Behavior in (Lu ^x Mx) ₂ (WO ₄) ₃ Solid Solutions (M = Sm, Ho, Er) with the Sc ₂ (WO ₄) ₃ Type Structure. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 105-109.	2.0	8
40	Ceramics Sinterability Enhancement at Ambient Pressure by Boron Oxide Addition. <i>Advanced Materials</i> , 1999, 11, 64-66.	21.0	13
41	Trivalent Al ³⁺ Ion Conduction in Aluminum Tungstate Solid. <i>Chemistry of Materials</i> , 1997, 9, 1649-1654.	6.7	115