Atsushi Inoishi

List of Publications by Year
in descending order

33 papers	486 citations	759233 12 h-index	713466 21 g-index
36 all docs	36 docs citations	36 times ranked	549 citing authors

#	Article	IF	Citations
1	Effect of Na₃BO₃ Addition into Na₃V₂(PO₄)₃ Single-Phase All-Solid-State Batteries (Vol. 89, No. 3, 244â€“249). Electrochemistry, 2022, 90, 019001-019001.	1.4	0
2	Development of electrically conductive ZrO2-CaO-Fe2O3-V2O5 glass and glass-ceramics as a new cathode active material for Na-ion batteries with high performance. Journal of Alloys and Compounds, 2022, 899, 163309.	5.5	4
3	High capacity all-solid-state lithium battery enabled by <i>in situ</i> formation of an ionic conduction path by lithiation of MgH₂. RSC Advances, 2022, 12, 10749-10754.	3.6	10
4	A Bicontinuous Nanostructure Induced in Lithiated Iron Fluoride Electrodes of Lithium-ion Batteries Investigated by Small-Angle X-ray Scattering. Electrochemistry, 2022, 90, 077007-077007.	1.4	2
5	Eldfellite-type cathode material, NaV(SO₄)₂, for Na-ion batteries. Materials Advances, 2022, 3, 6993-7001.	5.4	1
6	An Allâ€Solidâ€State Bromideâ€Ion Battery. ChemElectroChem, 2021, 8, 246-249.	3.4	2
7	Characteristics of YCoO₃-type perovskite oxide and application as an SOFC cathode. Journal of Materials Chemistry A, 2021, 9, 3584-3588.	10.3	12
8	Effect of Na₃BO₃ Addition into Na₃V₂(PO₄)₃ Single-Phase All-Solid-State Batteries. Electrochemistry, 2021, 89, 244-249.	1.4	4
9	Allâ€Solidâ€State Chlorideâ€Ion Battery with Inorganic Solid Electrolyte. ChemElectroChem, 2021, 8, 4441-4444.	3.4	12
10	The <i>in situ</i> formation of an electrolyte <i>via</i> the lithiation of Mg(BH₄)₂ in an all-solid-state lithium battery. Chemical Communications, 2021, 57, 2605-2608.	4.1	6
11	Exploring Factors Limiting Three-Na⁺ Extraction from Na₃V₂(PO₄)₃. Electrochemistry, 2020, 88, 457-462.	1.4	14
12	Effect of Li₃BO₃ addition to NASICON-type single-phase all-solid-state lithium battery based on Li_{1.5}Cr_{0.5}Ti_{1.5}(PO₄)₃. Journal of the Ceramic Society of Japan, 2019, 127, 18-21.	1.1	4
13	A single-phase all-solid-state lithium battery based on Li_{1.5}Cr_{0.5}Ti_{1.5}(PO₄)₃ for high rate capability and low temperature operation. Chemical Communications, 2018, 54, 3178-3181.	4.1	14
14	Electrochemical Performance and Thermal Stability of Iron Oxyfluoride (FeOF) for Sodium-Ion Batteries. Batteries, 2018, 4, 68.	4.5	4
15	Singleâ€phase Allâ€solidâ€state Silver Battery using Ag_{1.5}Cr_{0.5}Ti_{1.5}(PO₄)₃ as Anode, Cathode, and Electrolyte. ChemistrySelect, 2018, 3, 9965-9968.	1.5	3
16	Evaluation of isotope diffusion coefficient and surface exchange coefficient of ScSZ series oxide by oxygen isotope exchange method. Solid State Ionics, 2017, 301, 156-162.	2.7	7
17	A Singleâ€Phase, Allâ€Solidâ€State Sodium Battery Using Na_{3â^’}<i>_x</i>V_{2â^’}<i>_x</i>Zr<i>_x</i>(PO₄)<sub>3</su as the Cathode, Anode, and Electrolyte. Advanced Materials Interfaces, 2017, 4, 1600942.	3.7	41
18	Singleâ€Phase Allâ€Solidâ€State Lithiumâ€Ion Battery Using Li₃V₂(PO₄)₃ as the Cathode, Anode, and Electrolyte. ChemistrySelect, 2017, 2, 7925-7929.	1.5	12

#	Article	IF	Citations
19	Improvement in the Energy Density of Na₃V₂(PO₄)₃ by Mg Substitution. ChemElectroChem, 2017, 4, 2755-2759.	3.4	46
20	Proton-Driven Intercalation and Ion Substitution Utilizing Solid-State Electrochemical Reaction. Journal of the American Chemical Society, 2017, 139, 17987-17993.	13.7	13
21	Discharge Performance of Solidâ€State Oxygen Shuttle Metalâ€"Air Battery Using Caâ€Stabilized ZrO₂ Electrolyte. ChemSusChem, 2015, 8, 1264-1269.	6.8	9
22	A dense La(Sr)Fe(Mn)O_{3âˆ’Î´} nano-film anode for intermediate-temperature solid oxide fuel cells. Journal of Materials Chemistry A, 2015, 3, 3586-3593.	10.3	7
23	Lithium-Air Oxygen Shuttle Battery with a ZrO2-Based Ion-Conducting Oxide Electrolyte. ChemPlusChem, 2015, 80, 256-256.	2.8	0
24	Lithiumâ€"Air Oxygen Shuttle Battery with a ZrO₂â€Based Ionâ€Conducting Oxide Electrolyte. ChemPlusChem, 2015, 80, 359-362.	2.8	4
25	Effect of Ni/Fe ratio on the performance and stability of the Fe-air rechargeable battery using a La0.9Sr0.1Ga0.8Mg0.2O3 electrolyte. International Journal of Hydrogen Energy, 2014, 39, 21352-21357.	7.1	6
26	Double Columnar Structure with a Nanogradient Composite for Increased Oxygen Diffusivity and Reduction Activity. Advanced Energy Materials, 2014, 4, 1400783.	19.5	11
27	Improved cycle stability of Feâ€"air solid state oxide rechargeable battery using LaGaO3-based oxide ion conductor. Journal of Power Sources, 2014, 262, 310-315.	7.8	26
28	A rechargeable Siâ€"air solid state oxygen shuttle battery incorporating an oxide ion conductor. Journal of Materials Chemistry A, 2013, 1, 15212.	10.3	25
29	Oxidation rate of Fe and electrochemical performance of Feâ€"air solid oxide rechargeable battery using LaGaO3 based oxide ion conductor. RSC Advances, 2013, 3, 8820.	3.6	25
30	Feâ€"air rechargeable battery using oxide ion conducting electrolyte of Y2O3 stabilized ZrO2. Journal of Power Sources, 2013, 229, 12-15.	7.8	41
31	Niâ€"Feâ€"Ce(Mn,Fe)O2 cermet anode for rechargeable Feâ€"Air battery using LaGaO3 oxide ion conductor as electrolyte. RSC Advances, 2013, 3, 3024.	3.6	31
32	Mgâ€"air oxygen shuttle batteries using a ZrO2-based oxide ion-conducting electrolyte. Chemical Communications, 2013, 49, 4691.	4.1	35
33	High capacity of an Feâ€"air rechargeable battery using LaGaO3-based oxide ion conductor as an electrolyte. Physical Chemistry Chemical Physics, 2012, 14, 12818.	2.8	55