Isao

List of Publications by Year
in descending order

24 papers	248 citations	1040056 9 h-index	940533 16 g-index
24 all docs	24 docs citations	24 times ranked	394 citing authors

#	Article	IF	Citations
1	Detailed characterization of oxide-ion and proton transport numbers in Srâ€“Ti layered perovskites using an improved electromotive force method. Journal of Materials Research, 2022, 37, 470-478.	2.6	1
2	Influences of Hydrationâ€Dehydration on Local Structure in Layered Perovskite LaSr ₃ Fe ₃ O ₁₀. ChemistrySelect, 2022, 7, .	1.5	0
3	OHâ^' ion transport in hydrated layered perovskite LaSr3Fe3O8(OH)2â^™xH2O in the middle temperature range. Materials Research Bulletin, 2021, 136, 111132.	5.2	2
4	Chemical stability and oxygen transport properties of La1â^'xCaxFe1â^'yByO3â^'Î´ (with Bâ€‰=â€‰Co, Ni, Mg) perovskite membranes. Journal of Materials Research, 2021, 36, 1241-1249.	2.6	6
5	La0.65Ca0.35FeO3-Î´ as a novel Sr- and Co-free cathode material for solid oxide fuel cells. Journal of Power Sources, 2020, 448, 227426.	7.8	24
6	Crystal structures and proton transport properties of Sr2(Ti1-M)O4- (M = Fe, Al). Solid State Sciences, 2020, 108, 106407.	3.2	4
7	Crystalline phases and oxygen permeation properties of mixed conductive (La, Ca)FeO3-. Journal of the European Ceramic Society, 2019, 39, 1082-1092.	5.7	23
8	Oxide Ion Conduction and Surface Exchange Reactions of Mixed Conductive La_{0.65}Ca_{0.35}FeO_{3â^'Î´} Based on Oxygen Permeation Study. Chemistry of Materials, 2019, 31, 10135-10142.	6.7	8
9	Oxygen permeation properties of mixed conductive Sm0.5Ca0.5FeO3. Solid State Ionics, 2018, 317, 83-88.	2.7	2
10	Preparation and hydrogen permeation properties of Pdâ€“Al₂O₃ matrix composites. Journal of the Ceramic Society of Japan, 2018, 126, 573-578.	1.1	2
11	Crystal structure and microwave dielectric properties of Î±-(Ca1-Sr) SiO3 (x= 1 and 0.8) ring silicates for millimeter-wave applications. Materials Research Bulletin, 2017, 96, 115-120.	5.2	6
12	Weak ferromagnetic ordering in brownmillerite Ca₂Fe₂O₅ and its effect on electric field gradients. Physical Chemistry Chemical Physics, 2017, 19, 31194-31201.	2.8	20
13	Dependence of power density on anode functional layer thickness in anode-supported solid oxide fuel cells. Ionics, 2017, 23, 427-433.	2.4	8
14	Crystal structure and oxygen permeation properties of Sm_{1−}_xCa_xFeO₃ (x =) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	2
15	Low-temperature sintering and microwave dielectric properties of Al2TeO6â€“TeO2 ceramics. Journal of Alloys and Compounds, 2015, 640, 383-387.	5.5	10
16	Oxygen permeation and oxide ion conductivity of Ta-substituted (La, Sr)CoO3-. Solid State Ionics, 2014, 262, 664-667.	2.7	3
17	Oxygen vacancy formation and the ion migration mechanism in layered perovskite (Sr,La)₃Fe₂O_{7â^'Î´}. Physical Chemistry Chemical Physics, 2014, 16, 10875-10882.	2.8	43
18	Annealing effect on temperature coefficient of resistivity in La1â^'xSrxMnO3 ceramics. Journal of the European Ceramic Society, 2013, 33, 985-990.	5.7	5

#	ARTICLE	IF	CITATIONS
19	Distribution change of oxygen vacancies in layered perovskite type(Sr, La)+1Fe O3+1 (n=3). Journal of Solid State Chemistry, 2013, 207, 184-189.	2.9	14
20	Magnetic field dependence of piezoelectric resonance frequency in CoFe2O4â€“BaTiO3 composites. Journal of Magnetism and Magnetic Materials, 2012, 324, 2368-2372.	2.3	12
21	Precursor phenomenon on ferroelectric transition in multiferroic YMn2O5. Journal of the European Ceramic Society, 2010, 30, 255-258.	5.7	9
22	Microwave dielectric properties of NaxNd(2-x)/3TiO3 solid solutions. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 2582-2585.	3.0	3
23	Microwave dielectric properties of tungstenbronze type like (Ba1â˜'Î±SrÎ±)6â˜'3xR8+2xTi18O54 (R=Sm, Nd) solid solutions. Journal of the European Ceramic Society, 2007, 27, 3059-3062.	5.7	18
24	Oxygen permeability of nanocrystalline Ce0.8Gd0.2O1.9â€“CoFe2O4 mixed-conductive films. Journal of Membrane Science, 2006, 286, 180-184.	8.2	23