Kazuya Sasaki

List of Publications by Year
in descending order

18 papers	239 citations	1307594 7 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	197 citing authors

#	Article	IF	Citations
1	Energy balance of lithium recovery by electrodialysis using La0.57Li0.29TiO3 electrolyte. Fusion Engineering and Design, 2021, 170, 112500.	1.9	6
2	Temperature effect on lithium isotope separation by electrodialysis using La0.57Li0.29TiO3 electrolyte. Fusion Engineering and Design, 2021, 171, 112577.	1.9	4
3	Dense-film preparation of zirconium oxide by self-oxidation in air. Fusion Engineering and Design, 2021, 171, 112793.	1.9	0
4	Occupied Electronic States of Li in Li, Li₂O₂, and Li₂O Analyzed by Soft X-ray Emission Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 9256-9260.	3.1	4
5	Li vaporization property of Li8ZrO6 and Li5AlO4 as tritium breeders. Fusion Engineering and Design, 2018, 136, 869-873.	1.9	11
6	Lithium isotope enrichment by electrochemical pumping using solid lithium electrolytes. Journal of the Ceramic Society of Japan, 2018, 126, 331-335.	1.1	13
7	Chemical compatibility of Sr₂MgMoO_{6â^'Î´} with representative electrolyte materials and interlayer materials for solid oxide fuel cells. Journal of the Ceramic Society of Japan, 2018, 126, 482-487.	1.1	6
8	Li vaporization properties of candidate materials for tritium breeder with high Li density. Fusion Engineering and Design, 2017, 124, 762-766.	1.9	7
9	Electrical conductivity of Sr₂MgMoO_{6−δ} for solid oxide fuel cell anodes. Journal of the Ceramic Society of Japan, 2017, 125, 487-493.	1.1	5
10	Synthesis of high-purity Li8ZrO6 powder by solid state reaction under hydrogen atmosphere. Fusion Engineering and Design, 2016, 109-111, 1739-1743.	1.9	8
11	Effects of microwave irradiation heating in the homogeneous precipitation method using the reductant generated by hydrolysis of urea in an autoclave under high pressure. Journal of the Ceramic Society of Japan, 2015, 123, 359-362.	1.1	2
12	Li vaporization property of two-phase material of Li2TiO3 and Li2SiO3 for tritium breeder. Fusion Engineering and Design, 2015, 98-99, 1859-1863.	1.9	12
13	Lightning Protection of the Mt. Fuji Weather Station. IEEJ Transactions on Fundamentals and Materials, 2012, 132, 984-992.	0.2	2
14	Development of advanced tritium breeding material with added lithium for ITER-TBM. Journal of Nuclear Materials, 2011, 417, 684-687.	2.7	52
15	Effect of the Y₂O₃ Concentration in YSZ on the Thermophysical Property as a Thermal Shielding Material. International Journal of Applied Ceramic Technology, 2010, 7, 518-527.	2.1	10
16	New synthesis method of advanced lithium titanate with Li4TiO4 additives for ITER-TBM. Fusion Engineering and Design, 2009, 84, 956-959.	1.9	47
17	Microstructure Control of Sintered Porous Yttriaâ€Stabilized Zirconia as a Durable Thermal Shielding Material. International Journal of Applied Ceramic Technology, 2009, 6, 362-372.	2.1	5
18	Hydrogen separation from syngas using high-temperature proton conductors. Ionics, 2007, 13, 93-99.	2.4	42