

Kazuya Sasaki

List of Publications by Year in descending order

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papers

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1307594

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20
all docs

20
docs citations

20
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of advanced tritium breeding material with added lithium for ITER-TBM. Journal of Nuclear Materials, 2011, 417, 684-687.	2.7	52
2	New synthesis method of advanced lithium titanate with Li ₄ TiO ₄ additives for ITER-TBM. Fusion Engineering and Design, 2009, 84, 956-959.	1.9	47
3	Hydrogen separation from syngas using high-temperature proton conductors. Ionics, 2007, 13, 93-99.	2.4	42
4	Lithium isotope enrichment by electrochemical pumping using solid lithium electrolytes. Journal of the Ceramic Society of Japan, 2018, 126, 331-335.	1.1	13
5	Li vaporization property of two-phase material of Li ₂ TiO ₃ and Li ₂ SiO ₃ for tritium breeder. Fusion Engineering and Design, 2015, 98-99, 1859-1863.	1.9	12
6	Li vaporization property of Li ₈ ZrO ₆ and Li ₅ AlO ₄ as tritium breeders. Fusion Engineering and Design, 2018, 136, 869-873.	1.9	11
7	Effect of the Y ₂ O ₃ 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
8	Synthesis of high-purity Li ₈ ZrO ₆ powder by solid state reaction under hydrogen atmosphere. Fusion Engineering and Design, 2016, 109-111, 1739-1743.	1.9	8
9	Li vaporization properties of candidate materials for tritium breeder with high Li density. Fusion Engineering and Design, 2017, 124, 762-766.	1.9	7
10	Chemical compatibility of Sr ₂ MgMoO ₆ 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
11	Energy balance of lithium recovery by electro dialysis using La _{0.57} Li _{0.29} TiO ₃ electrolyte. Fusion Engineering and Design, 2021, 170, 112500.	1.9	6
12	Microstructure Control of Sintered Porous Yttria-Stabilized Zirconia as a Durable Thermal Shielding Material. International Journal of Applied Ceramic Technology, 2009, 6, 362-372.	2.1	5
13	Electrical conductivity of Sr ₂ MgMoO ₆ for solid oxide fuel cell anodes. Journal of the Ceramic Society of Japan, 2017, 125, 487-493.	1.1	5
14	Occupied Electronic States of Li in Li ₂ O, and Li ₂ O Analyzed by Soft X-ray Emission Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 9256-9260.	3.1	4
15	Temperature effect on lithium isotope separation by electro dialysis using La _{0.57} Li _{0.29} TiO ₃ electrolyte. Fusion Engineering and Design, 2021, 171, 112577.	1.9	4
16	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
17	Lightning Protection of the Mt. Fuji Weather Station. IEEJ Transactions on Fundamentals and Materials, 2012, 132, 984-992.	0.2	2
18	Dense-film preparation of zirconium oxide by self-oxidation in air. Fusion Engineering and Design, 2021, 171, 112793.	1.9	0