Kosuke Beppu

List of Publications by Year
in descending order

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18 papers	245 citations	1040056 9 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	237 citing authors

#	Article	IF	Citations
1	Oxygen storage capacity of Sr₃Fe₂O_{7â˜Î´} having high structural stability. Journal of Materials Chemistry A, 2015, 3, 13540-13545.	10.3	43
2	Role of lattice oxygen and oxygen vacancy sites in platinum group metal catalysts supported on Sr₃Fe₂O_{7â˜Î´} for NO-selective reduction. Catalysis Science and Technology, 2018, 8, 147-153.	4.1	29
3	Enhanced oxygen-release/storage properties of Pd-loaded Sr₃Fe₂O_{7â˜Î´}. Physical Chemistry Chemical Physics, 2017, 19, 14107-14113.	2.8	27
4	Oxygen Storage Property and Chemical Stability of SrFe_{1â€“x}Ti_xO_{3â˜Î´} with Robust Perovskite Structure. Journal of Physical Chemistry C, 2017, 121, 19358-19364.	3.1	26
5	Striking Oxygen-Release/Storage Properties of Fe-Site-Substituted Sr₃Fe₂O_{7â˜Î´}. Journal of Physical Chemistry C, 2018, 122, 11186-11193.	3.1	21
6	Physical and chemical aspects at the interface and in the bulk of CuInSe₂-based thin-film photovoltaics. Physical Chemistry Chemical Physics, 2022, 24, 1262-1285.	2.8	21
7	Pd/SrFe_{1â€“x}Ti_xO_{3â˜Î´} as Environmental Catalyst: Purification of Automotive Exhaust Gases. ACS Applied Materials & Interfaces, 2018, 10, 22182-22189.	8.0	13
8	Efficient oxygen storage property of Srâ€“Fe mixed oxide as automotive catalyst support. Journal of Materials Chemistry A, 2019, 7, 1013-1021.	10.3	12
9	Fabrication of an antiferroelectric NaNbO₃-CaZrO₃ film on a (001)SrTiO₃ substrate by pulsed laser deposition. Japanese Journal of Applied Physics, 2019, 58, SLLB05.	1.5	9
10	Energy storage properties of antiferroelectric 0.92NaNbO3-0.08SrZrO3 film on (001)SrTiO3 substrate. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126690.	2.1	9
11	Real-time observation of the effect of oxygen storage materials on Pd-based three-way catalysts under ideal automobile exhaust conditions: an operando study. Catalysis Science and Technology, 2021, 11, 6182-6190.	4.1	9
12	Strong Metalâ€“Support Interaction in Pd/Ca2AlMnO5+Î´: Catalytic NO Reduction over Mn-Doped CaO Shell. ACS Catalysis, 2021, 11, 7996-8003.	11.2	9
13	Effect of cesium for Cu(In,Ga)Se2 and Cu(In,Ga)(S,Se)2 films studied by depth-resolved XAFS. Applied Physics Letters, 2020, 117, .	3.3	6
14	Fabrication of antiferroelectric NaNbO₃-CaSnO₃ film by pulsed laser deposition. Japanese Journal of Applied Physics, 2021, 60, SFFB01.	1.5	5
15	Crystallographic and optical properties of wide bandgap photovoltaic semiconductor system, Cu(Al,In)Se₂. Japanese Journal of Applied Physics, 2022, 61, SC1080.	1.5	4
16	Structural analysis of Cu(In,Ga)Se₂ thin-films by depth-resolved XAFS. Japanese Journal of Applied Physics, 2019, 58, 105502.	1.5	2
17	Fabrication of NaNbO3-(Ca0.5Sr0.5)ZrO3 antiferroelectric thin film by pulsed laser deposition. , 2021, , .		0
18	Dynamic behavior of Pd/Ca2AlMnO5+Î´ for purifying automotive exhaust gases under fluctuating oxygen concentration. Catalysis Today, 2022, , .	4.4	0