Hiroshi Kaneko

List of Publications by Year
in descending order

10	360	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A-site substitution effect of perovskite-type cobalt and manganese oxides on two-step water splitting reaction for solar hydrogen production. AIP Conference Proceedings, 2017, , .	0.4	2
2	O2-releasing reactivity of ceria-based reactive ceramics on irradiation of artificial concentrated solar beam for solar hydrogen production. International Journal of Hydrogen Energy, 2014, 39, 11880-11888.	7.1	8
3	Solar Hydrogen Productivity of Ceriaâ€“Scandia Solid Solution Using Two-Step Water-Splitting Cycle. Journal of Solar Energy Engineering, Transactions of the ASME, 2013, 135, .	1.8	20
4	Solar hydrogen production using Ce1â˜'Li O2â˜' solid solutions via a thermochemical, two-step water-splitting cycle. Journal of Solid State Chemistry, 2012, 194, 343-351.	2.9	41
5	Intermediate formation in the reduction of Ni-ferrite with irradiation of high-flux infrared beam up to 1823K. Journal of Physics and Chemistry of Solids, 2012, 73, 63-72.	4.0	10
6	Solar thermochemical process for hydrogen production via two-step water splitting cycle based on Ce1â˜'xPrxO2â˜'Î´ redox reaction. Thermochimica Acta, 2012, 532, 134-138.	2.7	34
7	Two-Step Water Splitting Process With Solid Solution of YSZ and Ni-Ferrite for Solar Hydrogen Production (ISEC 2005-76151). Journal of Solar Energy Engineering, Transactions of the ASME, 2008, 130, .	1.8	26
8	Rotary-Type Solar Reactor for Solar Hydrogen Production with Two-step Water Splitting Process. Energy & Fuels, 2007, 21, 2287-2293.	5.1	129
9	Oxygen-releasing step of ZnFe2O4/(ZnO+Fe3O4)-system in air using concentrated solar energy for solar hydrogen production. Solar Energy, 2005, 78, 616-622.	6.1	70
10	Study on solid-state chemistry of the ZnO/Fe3O4/H2O system for H2 production at 973?1073 K. Solid State Ionics, 2004, 172, 121-124.	2.7	20