Eiji Kobayashi

List of Publications by Year
in descending order

10	356	1040018 9	1372553 10
papers	citations	h-index	g-index

10	10	10	383
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cerium oxide and hydrogen co-doped indium oxide films for high-efficiency silicon heterojunction solar cells. Solar Energy Materials and Solar Cells, 2016, 149, 75-80.	6.2	92
2	Light-induced performance increase of silicon heterojunction solar cells. Applied Physics Letters, 2016, 109, .	3.3	67
3	Increasing the efficiency of silicon heterojunction solar cells and modules by light soaking. Solar Energy Materials and Solar Cells, 2017, 173, 43-49.	6.2	65
4	High efficiency heterojunction solar cells on n-type kerfless mono crystalline silicon wafers by epitaxial growth. Applied Physics Letters, 2015, 106, .	3.3	32
5	High-mobility transparent conductive thin films of cerium-doped hydrogenated indium oxide. Applied Physics Express, 2015, 8, 015505.	2.4	27
6	Light-induced performance increase of carbon-based perovskite solar module for 20-year stability. Cell Reports Physical Science, 2021, 2, 100648.	5.6	25
7	Heterojunction solar cells with 23% efficiency onn-type epitaxial kerfless silicon wafers. Progress in Photovoltaics: Research and Applications, 2016, 24, 1295-1303.	8.1	15
8	Amorphous gallium oxide grown by low-temperature PECVD. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2018, 36, 021518.	2.1	13
9	Function of Porous Carbon Electrode during the Fabrication of Multiporous-Layered-Electrode Perovskite Solar Cells. Photonics, 2020, 7, 133.	2.0	11
10	Activation of Weak Monochromic Photocurrents by White Light Irradiation for Accurate IPCE Measurements of Carbon-Based Multi-Porous-Layered-Electrode Perovskite Solar Cells. Electrochemistry, 2020, 88, 418-422.	1.4	9