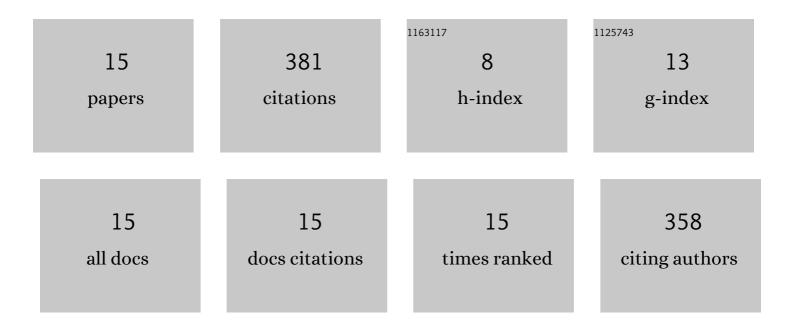
## Ayaka Kanai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of Ag on the carrier lifetime and efficiency of (Cu <sub>1â^'x </sub> Ag <sub>x</sub> ) Tj ETQq1 1 0.7843	14 <sub>.rg</sub> BT /(	Overlock 10 4
2	Impact of Na and/or Sb on the CTS thin films and solar cell performance. Japanese Journal of Applied Physics, 2021, 60, 105506.	1.5	4
3	Na induction effects for J–V properties of Cu2SnS3 (CTS) solar cells and fabrication of a CTS solar cell over-5.2% efficiency. Solar Energy Materials and Solar Cells, 2021, 231, 111315.	6.2	37
4	Emission properties of intrinsic and extrinsic defects in Cu <sub>2</sub> SnS <sub>3</sub> thin films and solar cells. Japanese Journal of Applied Physics, 2021, 60, 015504.	1.5	12
5	Sulfurization of Cu <sub>2</sub> (Sn,Ge)S <sub>3</sub> thin films deposited by co-evaporation. Japanese Journal of Applied Physics, 2020, 59, SCCD01.	1.5	4
6	A comprehensive study on Cu2SnS3 prepared by sulfurization of Cu–Sn sputtered precursor for thin-film solar cell applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 14577-14590.	2.2	8
7	Effect of rapid thermal annealing on sprayed Cu <sub>2</sub> SnS <sub>3</sub> thin films for solar-cell application. Japanese Journal of Applied Physics, 2020, 59, 105503.	1.5	2
8	Role of fluorine in two-dimensional dichalcogenide of SnSe 2. Scientific Reports, 2018, 8, 1645.	3.3	9
9	Cu <sub>2</sub> (Sn <sub>1â^'<i>x</i></sub> Ge <sub><i>x</i></sub> )S <sub>3</sub> solar cells prepared via coâ€evaporation and annealing in germanium sulfide and sulfur vapor. Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, .	0.8	10
10	Annealing temperature dependence of photovoltaic properties of solar cells containing Cu <sub>2</sub> SnS <sub>3</sub> thin films produced by coâ€evaporation. Physica Status Solidi (B): Basic Research, 2015, 252, 1239-1243.	1.5	64
11	Donor-acceptor pair recombination luminescence from monoclinic Cu2SnS3 thin film. Applied Physics Letters, 2015, 107, .	3.3	29
12	Fabrication of Cu <sub>2</sub> SnS <sub>3</sub> thin-film solar cells with power conversion efficiency of over 4%. Japanese Journal of Applied Physics, 2015, 54, 08KC06.	1.5	125
13	Sulfurization temperature dependences of photovoltaic properties in Cu <sub>2</sub> SnS <sub>3</sub> -based thin-film solar cells. Japanese Journal of Applied Physics, 2014, 53, 05FW13.	1.5	72
14	Influence of Sb inclusion on morphologies and carrier concentration properties of CTS thin films grown by sulfurization of Cu-Sn precursors. Japanese Journal of Applied Physics, 0, , .	1.5	1
15	Elucidation of electrical properties of undoped and Sb-induced Cu <sub>2</sub> SnS <sub>3</sub> (CTS) thin films and degradation properties on CTS thin films and solar cells by intentional proton irradiation. Japanese Journal of Applied Physics, 0, , .	1.5	0