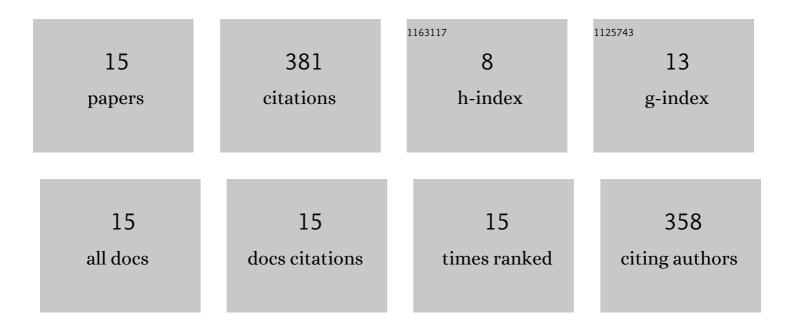
Ayaka Kanai

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 _{1â^'x} Ag _x) Tj ETQq1 1 0.7843 | 14 _{.rg} 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 ₂ SnS ₃ thin films and solar cells. Japanese Journal of Applied Physics, 2021, 60, 015504. | 1.5 | 12 |
| 5 | Sulfurization of Cu ₂ (Sn,Ge)S ₃ 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 ₂ SnS ₃ 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 ₂ (Sn _{1â^'<i>x</i>} Ge _{<i>x</i>})S ₃ 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 ₂ SnS ₃ 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 ₂ SnS ₃ 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 ₂ SnS ₃ -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 ₂ SnS ₃ (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 |