

# Ruei-Sung Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4778330/publications.pdf>

Version: 2024-02-01

15  
papers

211  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of p-type transparent conductive CuCrO <sub>2</sub> thin films. Applied Surface Science, 2013, 282, 92-97.	6.1	52
2	Structure, composition and properties of p-type CuCrO <sub>2</sub> thin films. Ceramics International, 2014, 40, 8211-8217.	4.8	22
3	Formation and characterization of p-type semiconductor CuCrO <sub>2</sub> thin films prepared by a sol-gel method. Ceramics International, 2015, 41, 9383-9391.	4.8	22
4	Structural and optoelectronic properties of p-type semiconductor CuAlO <sub>2</sub> thin films. Thin Solid Films, 2012, 526, 103-108.	1.8	20
5	Phase Transformation and Optoelectronic Properties of p-Type CuAlO <sub>2</sub> Thin Films. Journal of the Electrochemical Society, 2007, 154, H838.	2.9	18
6	Effects of annealing on the optical and electrical properties of sputter-deposited CuGaO <sub>2</sub> thin films. Thin Solid Films, 2018, 646, 143-149.	1.8	18
7	Structure and optoelectronic properties of multi-element oxide thin film. Applied Surface Science, 2011, 257, 6073-6078.	6.1	14
8	Influences of oxygen incorporation on the structural and optoelectronic properties of Cu <sub>2</sub> ZnSnS <sub>4</sub> thin films. Applied Surface Science, 2016, 364, 909-916.	6.1	12
9	Synthesis and Optoelectronic Properties of CuFeO <sub>2</sub> Semiconductor Thin Films. ECS Journal of Solid State Science and Technology, 2016, 5, P646-P652.	1.8	10
10	Synthesis and Characteristics of Zn-Doped CuCrO <sub>2</sub> Transparent Conductive Thin Films. Coatings, 2019, 9, 321.	2.6	5
11	Effects of Mg doping on structural and optoelectronic properties of p-type semiconductor CuCrO <sub>2</sub> thin films. Materials Science in Semiconductor Processing, 2022, 139, 106346.	4.0	5
12	Effects of Ni doping on the structural, photoelectric, and antibacterial properties of ZnCo <sub>2</sub> O <sub>4</sub> thin films. Journal of Sol-Gel Science and Technology, 2021, 97, 441-451.	2.4	4
13	Investigation of physical and antibacterial characteristics of ZnCo <sub>2</sub> O <sub>4</sub> semiconductor films. Journal of Materials Science: Materials in Electronics, 2022, 33, 2173-2182.	2.2	4
14	Plasma Annealing Effects on the Material Characteristics of Sputtering Deposited CuCrO <sub>2</sub> Thin Films. ECS Journal of Solid State Science and Technology, 2016, 5, P641-P645.	1.8	3
15	Anisotropic Relaxation Behavior of Compressive Residual Stress in Delafossite CuAlO <sub>2</sub> . Journal of the Electrochemical Society, 2007, 154, H1014.	2.9	2