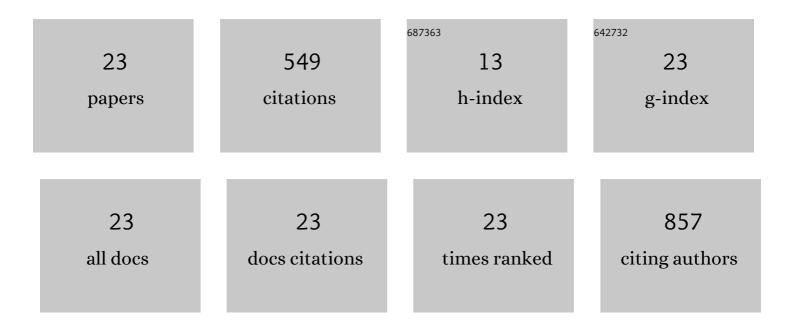
## Weibing Wu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/313777/publications.pdf Version: 2024-02-01



WEIRING WU

#	Article	IF	CITATIONS
1	Epitaxy of Vertical ZnO Nanorod Arrays on Highly (001)-Oriented ZnO Seed Monolayer by a Hydrothermal Route. Crystal Growth and Design, 2008, 8, 4014-4020.	3.0	115
2	A comparative study of catalytic behaviors of Mn, Fe, Co, Ni, Cu and Zn–Based catalysts in steam reforming of methanol, acetic acid and acetone. International Journal of Hydrogen Energy, 2020, 45, 3815-3832.	7.1	78
3	Continuous growth and improved PL property of ZnO nanoarrays with assistance of polyethylenimine. Nanoscale, 2013, 5, 5986.	5.6	52
4	Large Piezoelectric Coefficient in Tbâ€Đoped BiFeO <sub>3</sub> Films. Journal of the American Ceramic Society, 2010, 93, 948-950.	3.8	46
5	Comparative study on aging effect in BiFeO3 thin films substituted at A- and B-sites. Applied Physics Letters, 2011, 99, .	3.3	33
6	Oxidase-Inspired Selective 2e/4e Reduction of Oxygen on Electron-Deficient Cu. ACS Applied Materials & Interfaces, 2020, 12, 4833-4842.	8.0	31
7	Agingâ€Induced Double Ferroelectric Hysteresis Loops and Asymmetric Coercivity in Asâ€Deposited BiFe <sub>0.95</sub> Zn <sub>0.05</sub> O <sub>3</sub> Thin Film. Journal of the American Ceramic Society, 2009, 92, 1610-1612.	3.8	28
8	Improved photocatalytic efficiency and stability of CdS/ZnO shell/core nanoarrays with high coverage and enhanced interface combination. International Journal of Hydrogen Energy, 2017, 42, 848-857.	7.1	25
9	Enhanced ferroelectric properties of predominantly (100)-oriented CaBi4Ti4O15 thin films on Ptâ^•Tiâ^•SiO2â^•Si substrates. Journal of Applied Physics, 2008, 103, 056109.	2.5	21
10	Orientation growth and electrical property of CuSCN films associated with the surface states. CrystEngComm, 2012, 14, 6750.	2.6	20
11	Electrodeposition of wurtzite CdTe and the potential dependence of the phase structure. Materials Letters, 2016, 166, 85-88.	2.6	16
12	Lowâ€Temperature Fabrication and Enhanced Ferro―and Piezoelectric Properties of Bi <sub>3.7</sub> Nd <sub>0.3</sub> Ti <sub>3</sub> O <sub>12</sub> Films on Indium TinOxide/Glass Substrates. Journal of the American Ceramic Society, 2009, 92, 1556-1559.	3.8	15
13	CdCl 2 -assisting heat-treatment: Enhanced photoelectrocatalytic hydrogen generation and stability of CdS/ZnO nanoheterojunction arrays. International Journal of Hydrogen Energy, 2018, 43, 9969-9977.	7.1	15
14	Structural modulation of CdS/ZnO nanoheterojunction arrays for full solar water splitting and their related degradation mechanisms. Catalysis Science and Technology, 2018, 8, 5280-5287.	4.1	11
15	A coaxial three-layer (Ni, Fe)O <sub>x</sub> H <sub>y</sub> /Ni/Cu mesh electrode: excellent oxygen evolution reaction activity for water electrolysis. Catalysis Science and Technology, 2020, 10, 1803-1808.	4.1	9
16	Resistive switching behavior of Sb2S3 thin film prepared by chemical bath deposition. Materials Science in Semiconductor Processing, 2016, 44, 18-22.	4.0	7
17	Preparation and ferroelectric properties of (124)-oriented SrBi4Ti4O15 ferroelectric thin film on (110)-oriented LaNiO3 electrode. Journal of Materials Science: Materials in Electronics, 2008, 19, 1031-1034.	2.2	6
18	Orientational growth and resistive switching behavior of anatase TiO2 thin films. Materials Chemistry and Physics, 2015, 156, 76-81.	4.0	6

WEIBING WU

#	Article	IF	CITATIONS
19	Statistical mechanical origin of hysteresis in ferroelectrics. Journal of Applied Physics, 2012, 112, 034113.	2.5	4
20	Alkaline electrolyte: toward high-quality CdTe films with the assistance of strong complexing agent and organic base. CrystEngComm, 2018, 20, 8-11.	2.6	4
21	Thickness effects of Bi3.5Nd0.5Ti3O12 buffer layers on structure and electrical properties of BiFeO3 films. Journal of Materials Science, 2009, 44, 3556-3560.	3.7	3
22	Preparation and ferroelectric properties of predominantly (100)-oriented SrBi4Ti4O15 ferroelectric thin film on Pt(111)/TiO2/SiO2/Si(100) substrate. Journal of Materials Science: Materials in Electronics, 2009, 20, 113-116.	2.2	2
23	Structure and property of CdS thin films with different residual chlorine content. Materials Research Express, 2016, 3, 106404.	1.6	2