

# Yanwen Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

205  
citations

1163117

8  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	The optoelectronic properties improvement of double perovskites Cs <sub>2</sub> SnI <sub>6</sub> by anionic doping (F <sup>-</sup> ). Scientific Reports, 2022, 12, 935.	3.3	10
2	A novel criterion to identify coatings' adhesion. Surface Engineering, 2022, 38, 375-382.	2.2	2
3	DLC (H) coated 13Cr SMSS by high-pulsed power CVD technique. Surface Engineering, 2021, 37, 1012-1019.	2.2	4
4	Optoelectronic properties improvement of double perovskites Cs <sub>2</sub> Sn(Pb)I <sub>6</sub> by the hydrothermal method. Nano Select, 2021, 2, 1525-1532.	3.7	1
5	Interfacial Chemical Effects of Amorphous Zinc Oxide/Graphene. Materials, 2021, 14, 2481.	2.9	3
6	Interface construction for charge transportation of ZnO/graphene multilayer films. Functional Materials Letters, 2021, 14, 2150027.	1.2	0
7	Structure related corrosion behavior of DLC films in high Cl <sup>-</sup> environment. Corrosion Reviews, 2021, 39, 465-476.	2.0	3
8	ZnO/Ag/graphene transparent conductive oxide film with ultrathin Ag layer. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2021, 39, .	1.2	1
9	Effects of silicon on microstructure and corrosion resistance of diamond-like-carbon film prepared on 2024 aluminum alloy by plasma-enhanced chemical vapor deposition. Diamond and Related Materials, 2020, 110, 108144.	3.9	33
10	Enhancement of the switchable diode effect by the surface hydroxylation of ferroelectric oxide thin films. AIP Advances, 2020, 10, .	1.3	1
11	Influence of Charge Carriers Concentration and Mobility on the Gas Sensing Behavior of Tin Dioxide Thin Films. Coatings, 2019, 9, 591.	2.6	31
12	Local stress enhanced photocurrent of visible light photo-detection in Cs <sub>2</sub> AgBiBr <sub>6</sub> single crystal. Applied Physics Letters, 2019, 115, .	3.3	17
13	Gas sensing selectivity of oxygen-regulated SnO <sub>2</sub> films with different microstructure and texture. Journal of Materials Science and Technology, 2019, 35, 2232-2237.	10.7	29
14	Effects of Thermal Treatment on Porous Cerium Titanate Photocatalyst for Ofloxacin Degradation. Journal of Nanoscience and Nanotechnology, 2019, 19, 5264-5270.	0.9	2
15	Effects of Yttrium on the pitting corrosion behavior of 304 stainless steel with coating by laser remelting. Materials Research Express, 2019, 6, 126419.	1.6	3
16	Fluorine ion induced phase evolution of tin-based perovskite thin films: structure and properties. RSC Advances, 2019, 9, 37119-37126.	3.6	15
17	Role of cetyltrimethyl ammonium bromide on sol-gel preparation of porous cerium titanate photocatalyst. Journal of Sol-Gel Science and Technology, 2018, 88, 202-210.	2.4	2
18	Growth of GaN by Vacuum Thermal Evaporation on Flexible Graphene/PET Substrates. Nanoscience and Nanotechnology Letters, 2018, 10, 329-336.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Oxygen-controlled structures and properties of transparent conductive SnO <sub>2</sub> :F films. Journal of Alloys and Compounds, 2017, 695, 765-770.	5.5	15
20	The Influence of Pulse Frequency and Duty on the Deposition Rate in Pulsed Magnetron Sputtering. Plasma Processes and Polymers, 2007, 4, 246-252.	3.0	29