

# Yanwen Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8921688/publications.pdf>

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	Effects of silicon on microstructure and corrosion resistance of diamond-like-carbon film prepared on 2024 aluminum alloy by plasma-enhanced chemical vapor deposition. <i>Diamond and Related Materials</i> , 2020, 110, 108144.	3.9	33
2	Influence of Charge Carriers Concentration and Mobility on the Gas Sensing Behavior of Tin Dioxide Thin Films. <i>Coatings</i> , 2019, 9, 591.	2.6	31
3	The Influence of Pulse Frequency and Duty on the Deposition Rate in Pulsed Magnetron Sputtering. <i>Plasma Processes and Polymers</i> , 2007, 4, 246-252.	3.0	29
4	Gas sensing selectivity of oxygen-regulated SnO <sub>2</sub> films with different microstructure and texture. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2232-2237.	10.7	29
5	Local stress enhanced photocurrent of visible light photo-detection in Cs <sub>2</sub> AgBiBr <sub>6</sub> single crystal. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	17
6	Oxygen-controlled structures and properties of transparent conductive SnO <sub>2</sub> :F films. <i>Journal of Alloys and Compounds</i> , 2017, 695, 765-770.	5.5	15
7	Fluorine ion induced phase evolution of tin-based perovskite thin films: structure and properties. <i>RSC Advances</i> , 2019, 9, 37119-37126.	3.6	15
8	The optoelectronic properties improvement of double perovskites Cs <sub>2</sub> SnI <sub>6</sub> by anionic doping (F <sup>-</sup> ). <i>Scientific Reports</i> , 2022, 12, 935.	3.3	10
9	DLC (H) coated 13Cr SMSS by high-pulsed power CVD technique. <i>Surface Engineering</i> , 2021, 37, 1012-1019.	2.2	4
10	Growth of GaN by Vacuum Thermal Evaporation on Flexible Graphene/PET Substrates. <i>Nanoscience and Nanotechnology Letters</i> , 2018, 10, 329-336.	0.4	4
11	Effects of Yttrium on the pitting corrosion behavior of 304 stainless steel with coating by laser remelting. <i>Materials Research Express</i> , 2019, 6, 126419.	1.6	3
12	Interfacial Chemical Effects of Amorphous Zinc Oxide/Graphene. <i>Materials</i> , 2021, 14, 2481.	2.9	3
13	Structure related corrosion behavior of DLC films in high Cl <sup>-</sup> environment. <i>Corrosion Reviews</i> , 2021, 39, 465-476.	2.0	3
14	Role of cetyltrimethyl ammonium bromide on sol-gel preparation of porous cerium titanate photocatalyst. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 202-210.	2.4	2
15	Effects of Thermal Treatment on Porous Cerium Titanate Photocatalyst for Ofloxacin Degradation. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5264-5270.	0.9	2
16	A novel criterion to identify coatings' adhesion. <i>Surface Engineering</i> , 2022, 38, 375-382.	2.2	2
17	Enhancement of the switchable diode effect by the surface hydroxylation of ferroelectric oxide thin films. <i>AIP Advances</i> , 2020, 10, .	1.3	1
18	Optoelectronic properties improvement of double perovskites Cs <sub>2</sub> Sn(Pb)I <sub>6</sub> by the hydrothermal method. <i>Nano Select</i> , 2021, 2, 1525-1532.	3.7	1

#	ARTICLE	IF	CITATIONS
19	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
20	Interface construction for charge transportation of ZnO/graphene multilayer films. Functional Materials Letters, 2021, 14, 2150027.	1.2	0