

Mohammed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9535077/publications.pdf>

Version: 2024-02-01

17
papers

406
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium nitride, TiXN(1 \hat{a} ~X), coatings deposited by HiPIMS for corrosion resistance and wear protection properties. Applied Surface Science, 2022, 574, 151635.	6.1	31
2	Magnetron sputtered titanium carbide-based coatings: A review of science and technology. Vacuum, 2022, 197, 110853.	3.5	21
3	Influence of Annealing Temperature on the Microstructure and Hardness of TiN Coatings Deposited by High-Power Impulse Magnetron Sputtering. Journal of Materials Engineering and Performance, 2022, 31, 5593-5601.	2.5	4
4	Comparative Study on the Influence of Reactive Gas Flow Rate on the Growth and Properties of P-doped TiAlN Coatings Prepared by DcMS and HiPIMS. Journal of Bio- and Tribo-Corrosion, 2022, 8, .	2.6	6
5	Effect of doping on the phase stability and photophysical properties of CsPbl ₂ Br perovskite thin films. RSC Advances, 2021, 11, 1440-1449.	3.6	12
6	Effect of 6-Aminohexanoic Acid Released from Its Aluminum Tri-Polyphosphate Intercalate (ATP-6-AHA) on the Corrosion Protection Mechanism of Steel in 3.5% Sodium Chloride Solution. Corrosion and Materials Degradation, 2021, 2, 666-677.	2.4	3
7	Design of hard coatings deposited by HiPIMS and dcMS. Materials Letters, 2020, 280, 128540.	2.6	41
8	The effect of magnetic field configuration on structural and mechanical properties of TiN coatings deposited by HiPIMS and dcMS. Surface and Coatings Technology, 2020, 404, 126572.	4.8	23
9	Phosphorus Containing Coatings: Technologies and Applications. ChemistrySelect, 2020, 5, 6570-6584.	1.5	2
10	Towards industrialization of perovskite solar cells using slot die coating. Journal of Materials Chemistry C, 2020, 8, 6124-6135.	5.5	44
11	Emerging opportunities for 2D-black phosphorus as a carrier transporting material in perovskite solar cells. Materials Letters, 2020, 276, 128234.	2.6	6
12	Insights into photovoltaic properties of ternary organic solar cells from phase diagrams. Science and Technology of Advanced Materials, 2018, 19, 669-682.	6.1	13
13	Ternary semitransparent organic solar cells with a laminated top electrode. Science and Technology of Advanced Materials, 2017, 18, 68-75.	6.1	19
14	Why perovskite solar cells with high efficiency show small IV-curve hysteresis. Solar Energy Materials and Solar Cells, 2017, 169, 159-166.	6.2	54
15	Flexible NIR-transparent perovskite solar cells for all-thin-film tandem photovoltaic devices. Journal of Materials Chemistry A, 2017, 5, 13639-13647.	10.3	68
16	A transparent, solvent-free laminated top electrode for perovskite solar cells. Science and Technology of Advanced Materials, 2016, 17, 260-266.	6.1	44
17	Cyanine tandem and triple-junction solar cells. Organic Electronics, 2016, 30, 191-199.	2.6	15