

Yan-hui Li

List of Publications by Year in descending order

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18
papers

408
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid thermal annealing of ITO films. <i>Applied Surface Science</i> , 2011, 257, 7061-7064.	6.1	92
2	Effect of Cu layer thickness on the structural, optical and electrical properties of AZO/Cu/AZO tri-layer films. <i>Vacuum</i> , 2010, 85, 39-44.	3.5	58
3	Structural, optical and electrical properties of AZO/Cu/AZO tri-layer films prepared by radio frequency magnetron sputtering and ion-beam sputtering. <i>Vacuum</i> , 2008, 83, 257-260.	3.5	40
4	Phase properties of Bloch surface waves and their sensing applications. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	37
5	Phase-sensitive Bloch surface wave sensor based on variable angle spectroscopic ellipsometry. <i>Optics Express</i> , 2014, 22, 21403.	3.4	37
6	Structural and optical properties of zinc nitride films prepared by rf magnetron sputtering. <i>Applied Surface Science</i> , 2009, 255, 3544-3547.	6.1	35
7	Effect of GZO thickness and annealing temperature on the structural, electrical and optical properties of GZO/Ag/GZO sandwich films. <i>Current Applied Physics</i> , 2010, 10, 452-456.	2.4	27
8	Structural, electrical and optical properties of ITO films with a thin TiO ₂ seed layer prepared by RF magnetron sputtering. <i>Vacuum</i> , 2009, 83, 1091-1094.	3.5	16
9	How does the multiple constituent affect the carrier generation and charge transport in multicomponent TCOs of In ^z Zn ^x Sn oxide. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7727-7737.	5.5	15
10	DFT Simulations of the Vibrational Spectrum and Hydrogen Bonds of Ice XIV. <i>Molecules</i> , 2018, 23, 1781.	3.8	15
11	Molecular and electronic structures of Mn-doped tris-8-hydroxyquinolate gallium: DFT calculation and experiment. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 43, 1470-1474.	2.7	10
12	The enhanced conductivity and stability of AZO thin films with a TiO ₂ buffer layer. <i>Physica B: Condensed Matter</i> , 2012, 407, 4518-4522.	2.7	8
13	Geometric, electronic and optical properties of zinc/tin codoped In ₂ O ₃ modulated by the bixbyite/corundum phase transition. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 065105.	2.8	6
14	Multichannel unidirectional perfect absorbers on sandwich structures with truncated symmetric photonic crystals. <i>AIP Advances</i> , 2018, 8, 055214.	1.3	4
15	The preparation and characteristics research of high mobility amorphous indium gallium zinc oxide thin-film transistors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013, 62, 077302.	0.5	4
16	Reconstruction of refractive index profiles of 3 ⁺ MeV O ²⁺ ion-implanted MgO-doped LiNbO ₃ using wet etching and ellipsometry. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 065302.	2.8	2
17	Broad flattop transparent photonic band in truncated photonic crystals composed of the symmetric unit cell. , 2010, , .		1
18	Multiple and broadband near-perfect absorption in heterostructures containing transparent conducting oxides. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	1