

R Opila

List of Publications by Year in descending order

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16
papers

583
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Carbonyl Groups in the Photoluminescence of Poly(p-phenylenevinylene). Chemistry of Materials, 1994, 6, 1563-1568.	6.7	165
2	Thermal desorption of Xe from the W(110) plane. Surface Science, 1981, 112, 1-22.	1.9	115
3	Thin films and interfaces in microelectronics: composition and chemistry as function of depth. Progress in Surface Science, 2002, 69, 125-163.	8.3	81
4	Photoemission of Xe and Kr adsorbed on the W(110) plane. Surface Science, 1983, 127, 569-597.	1.9	40
5	Adsorption of oxygen on the tungsten (110) plane at low temperatures; Spectroscopic measurements. Surface Science, 1981, 105, 41-47.	1.9	37
6	Understanding tunneling magnetoresistance during thermal annealing in MgO-based junctions with CoFeB electrodes. Physical Review B, 2010, 81, .	3.2	36
7	Adsorption of oxygen on the (110) plane of tungsten at low temperatures. Surface Science, 1981, 105, 48-58.	1.9	26
8	Quantification of trap state densities in GaAs heterostructures grown at varying rates using intensity-dependent time resolved photoluminescence. Applied Physics Letters, 2013, 102, .	3.3	26
9	Light-induced anodisation of silicon for solar cell passivation. Journal of Applied Physics, 2013, 114, .	2.5	15
10	Effects of boron and phosphorus doping on the photoluminescence of self-assembled germanium quantum dots. Applied Physics Letters, 2009, 94, 183103.	3.3	12
11	Wet Etching and Surface Analysis of Chemically Treated InGaN Films. Journal of the Electrochemical Society, 2011, 158, D342.	2.9	10
12	Nondestructive compositional depth profiling using variable kinetic energy hard X-ray photoelectron spectroscopy and maximum entropy regularization. Surface and Interface Analysis, 2014, 46, 407-417.	1.8	10
13	Microstructure, magnetic, and spin-dependent transport properties of (Zn,Cr)Te films fabricated by magnetron sputtering. Physical Review B, 2008, 77, .	3.2	7
14	TOF-SIMS Analysis of InGaN/GaN for Expected Doping Profiles. ECS Journal of Solid State Science and Technology, 2012, 1, P164-P168.	1.8	3
15	In-Situ XPS Study of the Aluminum Poly(p-Phenylenevinylene) Interface. Materials Research Society Symposia Proceedings, 1995, 385, 117.	0.1	0
16	MBE growth and characterization of InAs quantum dots on strained GaAs _{1-x} Sb _x buffer layer for application in high efficiency solar cells. Conference Record of the IEEE Photovoltaic Specialists Conference, 2008, .	0.0	0