

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