Andrea Edit Pap

List of Publications by Year
in descending order

12	322	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical properties of porous silicon. Part III: Comparison of experimental and theoretical results. Optical Materials, 2006, 28, 506-513.	3.6	81
2	Thermal Oxidation of Porous Silicon:Â Study on Reaction Kinetics. Journal of Physical Chemistry B, 2004, 108, 12744-12747.	2.6	60
3	Optical properties of porous silicon.. Optical Materials, 2004, 25, 257-260.	3.6	28
4	Simultaneous chemical silver and palladium deposition on porous silicon; FESEM, TEM, EDX and XRD investigation. Applied Surface Science, 2002, 201, 56-60.	6.1	27
5	Optical properties of porous silicon.. Optical Materials, 2004, 25, 251-255.	3.6	26
6	Reference-free quantification of particle-like surface contaminations by grazing incidence X-ray fluorescence analysis. Journal of Analytical Atomic Spectrometry, 2012, 27, 248-255.	3.0	24
7	Fine-tuning of gas sensitivity by modification of nano-crystalline WO3 layer morphology. Sensors and Actuators B: Chemical, 2015, 221, 281-289.	7.8	24
8	WO 3 nano-rods sensitized with noble metal nano-particles for H 2 S sensing in the ppb range. Materials Research Bulletin, 2016, 84, 480-485.	5.2	23
9	Thermo-mechanical design and characterization of low dissipation micro-hotplates operated above 500Â°C. Microelectronics Journal, 2014, 45, 1822-1828.	2.0	17
10	Probing Patterned Wafer Structures by Means of Grazing Incidence X-ray Fluorescence Analysis. ECS Transactions, 2009, 25, 441-451.	0.5	6
11	Origin and FEM-assisted evaluation of residual stress in thermally oxidized porous silicon. Computational Materials Science, 2005, 34, 123-128.	3.0	4
12	Nano-structured WO3 layers sensitized with ALD Pt for quick detection of H2S. Journal of Materials Science: Materials in Electronics, 2017, 28, 17148-17155.	2.2	2