

Andrea Edit Pap

List of Publications by Year in descending order

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papers

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citations

1040056

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times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-structured WO ₃ layers sensitized with ALD Pt for quick detection of H ₂ S. Journal of Materials Science: Materials in Electronics, 2017, 28, 17148-17155.	2.2	2
2	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
3	Fine-tuning of gas sensitivity by modification of nano-crystalline WO ₃ layer morphology. Sensors and Actuators B: Chemical, 2015, 221, 281-289.	7.8	24
4	Thermo-mechanical design and characterization of low dissipation micro-hotplates operated above 500°C. Microelectronics Journal, 2014, 45, 1822-1828.	2.0	17
5	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
6	Probing Patterned Wafer Structures by Means of Grazing Incidence X-ray Fluorescence Analysis. ECS Transactions, 2009, 25, 441-451.	0.5	6
7	Optical properties of porous silicon. Part III: Comparison of experimental and theoretical results. Optical Materials, 2006, 28, 506-513.	3.6	81
8	Origin and FEM-assisted evaluation of residual stress in thermally oxidized porous silicon. Computational Materials Science, 2005, 34, 123-128.	3.0	4
9	Optical properties of porous silicon.. Optical Materials, 2004, 25, 251-255.	3.6	26
10	Optical properties of porous silicon.. Optical Materials, 2004, 25, 257-260.	3.6	28
11	Thermal Oxidation of Porous Silicon: A Study on Reaction Kinetics. Journal of Physical Chemistry B, 2004, 108, 12744-12747.	2.6	60
12	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