

Articole științifice apărute în reviste de specialitate cotate ISI

2012

1. CHAI, G.Y.; LUPAN, O.; RUSU, E.V.; STRATAN, G.I.; URSAKI, V.V.; SONTEA, V.; KHALLAF, H.; CHOW, L. **Functionalized individual ZnO microwire for natural gas detection.** *Sensors and Actuators: A. Physical*, 176, pp. 64-71. ISSN: 0924-4247. doi: 10.1016/j.sna.2012.01.012. (I.F.: 2.009).
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3. KHALLAF, H.; CHEN, C.T.; CHANG, L.B.; LUPAN, O.; DUTTA, A.; HEINRICH, H.; HAQUE, F.; CHOW, L. **Chemical bath deposition of SnO₂ and Cd₂SnO₄ thin films.** *Applied Surface Science*, 2012, 258 (16), pp. 6069-6074. ISSN: 0169-4332. doi: 10.1016/j.apsusc.2012.03.004. (I.F.: 2.103).
4. LUPAN, O.; CHOW, L.; PAUPOURÉ, T.; ONO, L.K.; ROLDAN CUENYA, B.; CHAI, G. **Highly sensitive and selective hydrogen single-nanowire nanosensor.** *Sensors and Actuators, B: Chemical*, 2012, 173, pp. 772-780. ISSN: 09254005 <http://dx.doi.org.scopeesprx.elsevier.com/10.1016/j.snb.2012.07.111> (I.F.: 3.898).
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7. PAUPOURÉ, T.; LUPAN, O.; VIANA, B. **Tunable electroluminescence from low-threshold voltage LED structure based on electrodeposited Zn_{1-x}Cd_xO - nanorods/p-GaN heterojunction,** *Physica Status Solidi (A) Applications and Materials Science*, 2012, 209(2), pp. 359-363. Online ISSN: 1862-6319. DOI: 10.1002/pssa.201127215 (IF 1.463).
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