

Research publications of Dr. N.L.Tarwal (14)

A) Research publications without peer review process

Sr. No.	Title of Research Paper	Authors	Name of Journal and details	Impact factor
1	Quaternary Co _{1-x} Y _y Zn _x Cd _y S thin films: A facile synthesis approach and its aptness for the applications in micro-devices	S.S. Kamble, A.Sikora, S.L.Deshmukh, G.T.Chavan, V.S.Karande, S.T.Pawar, N.L. Tarwal , L.P.Deshmukh,	Materials Letters 167(2016) 61–64 http://dx.doi.org/10.1016/j.matlet.2016.01.001	2.269
2	Studies on the Zn _x Co _{1-x} S thin films: A facile synthesis process and characteristic properties	S.S. Kamble, D.P. Dubal, N.L. Tarwal , A. Sikora, J.H. Jang, L.P. Deshmukh	Journal of Alloys and Compounds 656 (2016) 590-597	2.407
3	Structural and Magnetic Properties of Ni _{0.8} Co _{0.2-2x} Cu _x Mn _x Fe ₂ O ₄ Spinel Ferrites Prepared via Solution Combustion Route	P.S.Jadhav, N.L. Tarwal , V.R.Puri	Journal of Magnetism and Magnetic Materials 385 (2015) 160-165	1.892
4	Graphene Oxide-Phosphor Hybrid Nanoscrolls with High Luminescent Quantum Yield: Synthesis, Structural and X-ray Absorption Studies	Rani, J.R.; Oh, Se-I; Woo, Jeong-Min; Tarwal, N. L. ; Kim, Hyun-Woong; Mun, Bongjin; Lee, Sungbae; Kim, Ki-jeong; Jang, Jae-	ACS Appl. Mater. Interfaces 2015, 7, 5693–5700	5.90

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5	Pulsed electrodeposition of Cu ₂ ZnSnS ₄ thin films: Effects of pulse potentials	K.V. Gurav, Y.K. Kim, S.W. Shin, M.P. Suryawanshi, N.L. Tarwal , U.V. Ghorpade, S.M. Pawar, S.A. Vanalakar, I.Y. Kim, J.H. Yun, P.S. Patil, J.H. Kim,	Materials Letter, 228(8) (2014) 817-827	2.269
6	Photoluminescence quenching of a CdS nanoparticles/ZnO nanorods core-shell heterogeneous film and its improved photovoltaic performance	SA Vanalakar, SS Mali, MP Suryawanshi, NL Tarwal , PR Jadhav, ...	Optical Materials 37 (2014) 766-772	2.086
7	Thickness dependent Photoelectrochemical performance of Chemo synthesized nanostructured CdS thin films	S.A.Vanalkar, S.S.Mali, M.P.Suryavanshi, N.L.Tarwal , G.L.Agwane, P.S.Patil, J.H.Kim	Zeitschrift fur Physikalische Chemie, 228(8) (2014) 817-827	1.178
8	Dielectric and Magnetic Properties of Co Substituted Ni-Cd-Ferrite Prepared By Solution Combustion Method	N. D. Patil, N. B. Velhal, N. L. Tarwal , Vijaya R. Puri	International Journal of Engineering and Innovative Technology (IJEIT) 3 (2014) 73-77	1.913
9	Gas sensing performance of the spray deposited Cd-ZnO thin films	N.L. Tarwal , A.R. Patil, N.S. Harale, A.V. Rajgure, S.S. Suryavanshi, W.R. Bae, P.S. Patil, J.H.	Journal of Alloys and Compounds 598 (2014) 282-288 http://dx.doi.org/10.10	2.407

		Kim, J.H. Jang,	16/j.jallcom.2014.01.200	
10	Structure, X-ray photoelectron spectroscopy and photoluminescence investigations of the spray deposited cobalt doped ZnO thin films	N.L. Tarwal , K.V. Gurav, T. Premkumar, Y.K. Jeong, H.S. Shim, I.Y. Kim, J.H. Kim, J.H. Jang, P.S. Patil	Journal of Analytical and Applied Pyrolysis 106 (2014) 26–32 http://dx.doi.org/10.1016/j.jaap.2013.12.005	3.561
11	Photoluminescence and photoelectrochemical properties of the spray deposited copper doped zinc oxide thin films	N.L. Tarwal , K.V. Gurav, S.H. Mujawar, S.B. Sadale, K.W. Nam, W.R. Bae, A.V. Moholkar, J.H. Kim, P.S. Patil, J.H. Jang	Ceramics International 40 (6),2014 7669-7677 http://dx.doi.org/10.1016/j.ceramint.2013.12.108	2.11
12	Electrochromic performance of the mixed V ₂ O ₅ -WO ₃ thin films synthesized by pulsed spray pyrolysis technique	C.E. Patil, N.L. Tarwal , P.R. Jadhav, P.S. Shinde, H.P. Deshmukh, M.M. Karanjkar, A.V. Moholkar, M.G. Gang, J.H. Kim, P.S. Patil	Current Applied Physics 14 (2014) 389-395 http://dx.doi.org/10.1016/j.cap.2013.12.014	1.999
13	Gas sensing performance of hydrothermally grown CeO ₂ -ZnO composites	A.V. Rajgure, N.L. Tarwal , J.Y. Patil, L.P. Chikhale, R.C. Pawar, C.S. Lee, I.S. Mulla, S.S. Suryavanshi	Ceramics International 40 (2014) 5837–5842. http://dx.doi.org/10.1016/j.ceramint.2013.11.025	2.110
14	NanocrystallineCe doped CoFe ₂ O ₄ as an acetone gas sensor	M.S. Khandekar, N.L. Tarwal , I.S. Mulla, S.S. Suryavanshi	Ceramics International 40 (2014) 447-452.	2.110

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