

# Punam L Silwal

## List of Publications by Year in descending order

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9  
papers

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1306789

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citing authors

#	ARTICLE	IF	CITATIONS
1	Probing optical band gaps at nanoscale from tetrahedral cation vacancy defects and variation of cation ordering in NiCo <sub>2</sub> O <sub>4</sub> epitaxial thin films. Journal Physics D: Applied Physics, 2011, 14, 052001.	1.3	40
2	Epitaxial strain effect on transport properties in Ca <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> O <sub>10</sub> films. Applied Physics Letters, 2012, 100, 032902.	1.1	11
3	Effect of growth temperature on the terahertz-frequency conductivity of the epitaxial transparent conducting spinel NiCo <sub>2</sub> O <sub>4</sub> films. AIP Advances, 2013, 3, .	0.6	20
4	Thickness dependent structural, magnetic, and electronic properties of the epitaxial films of transparent conducting oxide NiCo <sub>2</sub> O <sub>4</sub> . Journal of Applied Physics, 2013, 114, .	1.1	49
5	Coherent in-plane tensile strain in perovskite Ba <sub>0.8</sub> Sr <sub>0.2</sub> TiO <sub>3</sub> films on spinel MgAl <sub>2</sub> O <sub>4</sub> substrates. Applied Physics Letters, 2012, 100, 032902.	1.5	2
6	Metal insulator transition with ferrimagnetic order in epitaxial thin films of spinel NiCo <sub>2</sub> O <sub>4</sub> . Applied Physics Letters, 2012, 100, .	1.5	79
7	Itinerant ferromagnetism and geometrically suppressed metal-insulator transition in epitaxial thin films of Ca <sub>2</sub> RuO <sub>4</sub> . Applied Physics Letters, 2012, 100, 052401.	1.5	15
8	Modulations in structural and ferroelectric properties due to tensile strain in BiFeO <sub>3</sub> films on MgAl <sub>2</sub> O <sub>4</sub> substrates induced by thermal-expansion. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 685-688.	1.7	2
9	Role of spinel substrate in the morphology of BiFeO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> epitaxial nanocomposite films. Applied Physics Letters, 2011, 99, .	1.5	10