

# Anurag Pandey

## List of Publications by Year in descending order

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14  
papers

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#	ARTICLE	IF	CITATIONS
1	Upconversion based temperature sensing ability of Er <sup>3+</sup> +Yb <sup>3+</sup> codoped SrWO <sub>4</sub> : An optical heating phosphor. Sensors and Actuators B: Chemical, 2015, 209, 352-358.	7.8	355
2	Improved luminescence and temperature sensing performance of Ho <sup>3+</sup> +Yb <sup>3+</sup> +Zn <sup>2+</sup> :Y <sub>2</sub> O <sub>3</sub> phosphor. Dalton Transactions, 2013, 42, 11005.	3.3	215
3	Er <sup>3+</sup> -Yb <sup>3+</sup> and Eu <sup>3+</sup> -Er <sup>3+</sup> -Yb <sup>3+</sup> codoped Y <sub>2</sub> O <sub>3</sub> phosphors as optical heater. Sensors and Actuators B: Chemical, 2014, 190, 512-515.	7.8	89
4	Enriched green upconversion emission in combustion synthesized Y <sub>2</sub> O <sub>3</sub> :Ho <sup>3+</sup> +Yb <sup>3+</sup> phosphor. Materials Chemistry and Physics, 2013, 139, 483-488.	4.0	81
5	Photoluminescence study of Y <sub>2</sub> O <sub>3</sub> :Er <sup>3+</sup> -Eu <sup>3+</sup> -Yb <sup>3+</sup> phosphor for lighting and sensing applications. Journal of Applied Physics, 2013, 113, .	2.5	70
6	Simultaneous influence of Zn <sup>2+</sup> /Mg <sup>2+</sup> on the luminescent behaviour of La <sub>2</sub> O <sub>3</sub> :Tm <sup>3+</sup> +Yb <sup>3+</sup> phosphors. RSC Advances, 2014, 4, 21844-21851.	3.6	67
7	Optical thermometry using FIR of two close lying levels of different ions in Y <sub>2</sub> O <sub>3</sub> :Ho <sup>3+</sup> +Tm <sup>3+</sup> +Yb <sup>3+</sup> phosphor. Applied Physics B: Lasers and Optics, 2013, 113, 221-225.	2.2	50
8	Green upconversion emission in Nd <sup>3+</sup> +Yb <sup>3+</sup> +Zn <sup>2+</sup> :Y <sub>2</sub> O <sub>3</sub> phosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 99, 288-291.	3.9	49
9	The Er <sup>3+</sup> +Yb <sup>3+</sup> codoped La <sub>2</sub> O <sub>3</sub> phosphor in finger print detection and optical heating. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 508-513.	3.9	46
10	Colour emission tunability in Ho <sup>3+</sup> +Tm <sup>3+</sup> +Yb <sup>3+</sup> co-doped Y <sub>2</sub> O <sub>3</sub> upconverted phosphor. Applied Physics B: Lasers and Optics, 2012, 109, 611-616.	2.2	42
11	Influence of Li <sup>+</sup> codoping on visible emission of Y <sub>2</sub> O <sub>3</sub> :Tb <sup>3+</sup> , Yb <sup>3+</sup> phosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 619-623.	3.9	38
12	Synthesis and Characterization of Sm <sup>3+</sup> +Yb <sup>3+</sup> Codoped Y <sub>2</sub> O <sub>3</sub> Phosphor. Journal of Display Technology, 2013, 9, 989-994.	1.2	8
13	Photon Upconversion in Lanthanide-Activated Inorganic Luminescent Materials. Advances in Chemical and Materials Engineering Book Series, 0, , 86-116.	0.3	2
14	Effect of codoping of Zn <sup>2+</sup> ion on the upconversion of Er <sup>3+</sup> -Yb <sup>3+</sup> codoped Y <sub>2</sub> O <sub>3</sub> phosphor. , 2013, , .		0