

# Gaurav Shukla

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

160  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence of N <sub>2</sub> pressure on the crystal structure and surface quality of AlN thin films deposited via pulsed laser deposition technique at room temperature. Applied Surface Science, 2008, 255, 2057-2062.	6.1	33
2	ZnO/MgZnO p-n junction light-emitting diodes fabricated on sapphire substrates by pulsed laser deposition technique. Journal Physics D: Applied Physics, 2009, 42, 075105.	2.8	26
3	Magnetic and optical properties of epitaxial n-type Cu-doped ZnO thin films deposited on sapphire substrates. Applied Physics A: Materials Science and Processing, 2009, 97, 115-118.	2.3	24
4	Optical emission spectroscopic studies on laser ablated TiO <sub>2</sub> plasma. Applied Surface Science, 2009, 255, 8730-8737.	6.1	19
5	Spectroscopic studies of laser ablated ZnO plasma and correlation with pulsed laser deposited ZnO thin film properties. Laser and Particle Beams, 2010, 28, 149-155.	1.0	16
6	Zn <sub>{1-x}</sub> Mg <sub>{x}</sub> O Homo Junction-Based Ultraviolet Photodetector. IEEE Photonics Technology Letters, 2009, 21, 887-889.	2.5	15
7	Effect of annealing and O <sub>2</sub> pressure on structural and optical properties of pulsed laser deposited TiO <sub>2</sub> thin films. Journal of Alloys and Compounds, 2010, 489, 246-251.	5.5	15
8	Effect of substrate annealing on the quality of pulsed laser deposited Zn <sub>1-x</sub> Mg <sub>x</sub> O thin films. Applied Surface Science, 2009, 255, 7017-7020.	6.1	6
9	Effect of Mg doping and substrate temperature on the properties of pulsed laser deposited epitaxial Zn <sub>1-x</sub> Mg <sub>x</sub> O thin films. Applied Physics A: Materials Science and Processing, 2009, 96, 713-719.	2.3	4
10	Effect of Annealing on Structural and Optical Properties of Pulsed Laser Deposited Titanium Dioxide Thin Films. Advanced Materials Research, 2009, 67, 65-70.	0.3	2
11	EFFECT OF PRE-HEATING AND SEED LAYER ON HYDROTHERMAL GROWTH AND OPTICAL PROPERTIES OF ZINC OXIDE NANORODS. International Journal of Nanoscience, 2011, 10, 845-849.	0.7	0