

# Ikhtisham Mehmood

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

171  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	New physical insight into crystal structure, luminescence and optical properties of YPO <sub>4</sub> :Dy <sup>3+</sup> -Eu <sup>3+</sup> -Tb <sup>3+</sup> single-phase white-light-emitting phosphors. Journal of Alloys and Compounds, 2020, 817, 152687.	5.5	53
2	Highly selective ethanol sensing properties of hydrothermally synthesized cerium orthovanadate (CeVO <sub>4</sub> ) nanorods. Materials Letters, 2015, 154, 144-147.	2.6	24
3	Enhanced ultra-stable n-propylamine sensing behavior of V <sub>2</sub> O <sub>5</sub> /In <sub>2</sub> O <sub>3</sub> core-shell nanorods. RSC Advances, 2015, 5, 54412-54419.	3.6	21
4	Broad band white-light-emitting Y <sub>5</sub> Si <sub>3</sub> O <sub>12</sub> N:Ce <sup>3+</sup> /Dy <sup>3+</sup> oxonitridosilicate phosphors for solid state lighting applications. Journal of Luminescence, 2021, 229, 117687.	3.1	17
5	Mn doped CdS passivated CuInSe <sub>2</sub> quantum dot sensitized solar cells with remarkably enhanced photovoltaic efficiency. RSC Advances, 2017, 7, 33106-33112.	3.6	16
6	Investigation of silver doped CdS co-sensitized TiO <sub>2</sub> /ClSe/Ag-CdS heterostructure for improved optoelectronic properties. Optical Materials, 2021, 111, 110645.	3.6	12
7	Temperature sensing performance of ScVO <sub>4</sub> : Eu <sup>3+</sup> phosphors by employing ground state thermal coupling approach. Journal of Alloys and Compounds, 2022, 906, 164340.	5.5	12
8	Development of narrow band emitting phosphors for backlighting displays and solid state lighting using a clean and green energy technology. Journal of Luminescence, 2022, 243, 118650.	3.1	11
9	Effect of Mg-doped CdS co-sensitization on performance of CuInSe <sub>2</sub> quantum dot sensitized solar cells. Journal of Physics and Chemistry of Solids, 2021, , 110502.	4.0	3
10	Significant SRS sensing behavior of hydrothermally silver decorated sandwiched-like vanadia (Ag-V <sub>2</sub> O <sub>5</sub> ) nanosheets toward ethanol. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2