

# Alok K Jha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12111582/publications.pdf>

Version: 2024-02-01

9  
papers

180  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strongly enhanced pinning force density in YBCO/BaTiO <sub>3</sub> nanocomposite superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 810-813.	1.2	40
2	Superconductive REBCO Thin Films and Their Nanocomposites: The Role of Rare-Earth Oxides in Promoting Sustainable Energy. <i>Frontiers in Physics</i> , 2019, 7, .	2.1	40
3	Isotropic enhancement in the critical current density of YBCO thin films incorporating nanoscale Y <sub>2</sub> BaCuO <sub>5</sub> inclusions. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	25
4	Tailoring the vortex pinning strength of YBCO thin films by systematic incorporation of hybrid artificial pinning centers. <i>Superconductor Science and Technology</i> , 2015, 28, 114004.	3.5	21
5	Investigation of flux pinning properties of YBCO:BaZrO <sub>3</sub> composite superconductor from temperature dependent magnetization studies. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2653-2657.	2.3	19
6	Enhanced flux pinning in pulsed laser deposited YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> :BaTiO <sub>3</sub> nanocomposite thin films. <i>Solid State Communications</i> , 2011, 151, 1447-1451.	1.9	16
7	Interface engineering using ferromagnetic nanoparticles for enhancing pinning in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> thin film. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	13
8	Flux pinning characteristics of YBCO:NaNbO <sub>3</sub> by introducing artificial pinning centers with different morphology. <i>Ceramics International</i> , 2021, 47, 34189-34198.	4.8	4
9	Interfaces in REBCO-Based Nanocomposite Thin Films and their Contribution to Vortex Pinning. , 2021, , 205-221.		2