

# Sai Preeti Gouripeddi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8763224/publications.pdf>

Version: 2024-02-01

15  
papers

57  
citations

1937685

4  
h-index

1720034

7  
g-index

15  
all docs

15  
docs citations

15  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the isotropic-biaxial nematic transition always exist? A new topology for the biaxial nematic phase diagram. <i>Soft Matter</i> , 2011, 7, 11483.	2.7	19
2	Flip & Pair – a strategy to augment a blended course with active-learning components: effects on engagement and learning. <i>Smart Learning Environments</i> , 2020, 7, .	7.6	7
3	Anchoring transition and influence of director fluctuations in liquid crystal droplets. <i>Liquid Crystals</i> , 2009, 36, 1379-1388.	2.2	5
4	On Defects in Biaxial Nematic Films with Random Planar Surface Alignment: A Monte Carlo Study. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 573, 10-17.	0.9	5
5	Director structures with dominant in-plane alignment in hybrid planar films of biaxial nematic liquid crystals: A Monte Carlo study. <i>Computational Materials Science</i> , 2016, 118, 224-235.	3.0	4
6	Toward Machine Learning and Big Data Approaches for Learning Analytics. , 2019, , .		4
7	Hybrid Nematic Films: A Detailed Monte Carlo Investigation. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 500, 118-131.	0.9	3
8	LATTICE SPIN SIMULATIONS OF TOPOLOGICAL DEFECTS IN BIAXIAL NEMATIC FILMS WITH HOMEOTROPIC SURFACE ALIGNMENT. <i>International Journal of Modern Physics C</i> , 2013, 24, 1350026.	1.7	3
9	Enhancement in Critical Thinking Skills Using the Peer Instruction Methodology. , 2018, , .		3
10	Monte Carlo study of radial and axial ordering in cylindrical films of liquid crystal. <i>Computational Materials Science</i> , 2008, 44, 180-184.	3.0	2
11	Collaborative Learning in Engineering Physics Tutorials. , 2018, , .		1
12	Tutorials in Engineering Physics Using Cooperative Learning: A Reflective Introspection. , 2018, , .		1
13	Anchoring Transitions in Biaxial Nematic Droplets: A Monte Carlo Study. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 545, 230/[1454]-241/[1465].	0.9	0
14	Peer Instruction - Implementation and Assessment of Learning. , 2018, , .		0
15	Implementing Inquiry Based Collaborative Learning in Solid State Physics Course. , 2019, , .		0