

# Abhilasha Singh

## List of Publications by Year in descending order

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8  
papers

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citations

1684188

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h-index

1588992

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g-index

8  
all docs

8  
docs citations

8  
times ranked

34  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase transitions in ferroelectric liquid crystals. Phase Transitions, 2008, 81, 815-855.	1.3	12
2	Thermodynamic model for the description of smectic C* and smectic A $\leftrightarrow$ smectic C* phase transition properties. Phase Transitions, 2010, 83, 205-222.	1.3	12
3	Application of a generalised thermodynamic model to study of the ferroelectric properties of DOBAMBC and DOBA $\leftrightarrow$ EMPC. Liquid Crystals, 2008, 35, 727-736.	2.2	9
4	EFFECT OF PRESSURE ON SPONTANEOUS POLARIZATION AND TILT ANGLE IN FERROELECTRIC LIQUID CRYSTAL DOBAMBC. International Journal of Modern Physics B, 2009, 23, 2139-2148.	2.0	8
5	Electro-optic switching and memory effect in suspension of ferroelectric liquid crystal and iron oxide nanoparticles. Materials Research Express, 2019, 6, 1050d2.	1.6	8
6	Thermodynamic model for the electro-optical and structural properties of Sm C <sup>*</sup> <sub>A</sub> phase in antiferroelectric liquid crystal MHPOBC. Journal of Materials Chemistry, 2011, 21, 1991-1996.	6.7	5
7	Application of thermodynamic model to study the ferroelectric properties of biphenyl alkyloxy benzoate homologous series of SSFLC. Phase Transitions, 2019, 92, 816-823.	1.3	2
8	Phase transition properties of ferroelectric and antiferroelectric liquid crystals. Philosophical Magazine, 2021, 101, 1490-1509.	1.6	1