

# Geetha G Nair

## List of Publications by Year in descending order

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27  
papers

523  
citations

759233

12  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Mie resonance in a low refractive index colloidal metamaterial aided by nematic liquid crystal. <i>Journal of Molecular Liquids</i> , 2022, 346, 117116.	4.9	1
2	Enhanced thermal stability and monodomain growth in a 3D soft photonic crystal aided by graphene substrate. <i>Journal of Molecular Liquids</i> , 2021, 325, 115059.	4.9	7
3	Photo-tunable epsilon-near-zero behavior in a self-assembled liquid crystal nanoparticle hybrid material. <i>Nanoscale Advances</i> , 2021, 3, 2508-2515.	4.6	11
4	ITO-free large area PDLC smart windows: a cost-effective fabrication using spray coated SnO <sub>2</sub> on an invisible Al mesh. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23157-23168.	10.3	26
5	Effect of Photonic Band Gap on Photoluminescence in a Dye-Doped Blue Phase Liquid Crystal. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11582-11590.	2.6	7
6	Tuning of Photonic band gap via combined effect of electric and optical fields in a blue phase liquid crystal composite. <i>Liquid Crystals</i> , 2020, 47, 211-218.	2.2	5
7	Tunable Directional Scattering from High-Refractive-Index Particles Dispersed in an Anisotropic Medium. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18698-18706.	3.1	7
8	Evidence of Tunable Fano Resonance in a Liquid Crystal-Based Colloidal Metamaterial. <i>Advanced Optical Materials</i> , 2020, 8, 1901842.	7.3	18
9	Redox-Triggered Buoyancy and Size Modulation of a Dynamic Covalent Gel. <i>Chemistry of Materials</i> , 2019, 31, 4148-4155.	6.7	15
10	Effect of gelation on the Frank elastic constants in a liquid crystalline mixture exhibiting a twist bend nematic phase. <i>Soft Matter</i> , 2019, 15, 9982-9990.	2.7	12
11	Giant enhancement and facile tuning of photoluminescence in a soft anisotropic magneto-gel. <i>Nanoscale</i> , 2018, 10, 15686-15695.	5.6	11
12	Electrically Tunable Soft Photonic Gel Formed by Blue Phase Liquid Crystal for Switchable Color-Reflecting Mirror. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39569-39575.	8.0	37
13	Optically Biaxial, Reentrant and Frustrated Mesophases in Chiral, Non-symmetric Liquid Crystal Dimers and Binary Mixtures. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2897-2910.	3.3	8
14	Photo-driven change in the polar environment tunes gelation in a nematic liquid crystal. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11313-11320.	5.5	9
15	Effect of Atomic-Scale Differences on the Self-Assembly of Thiophene-Based Polycatenars in Liquid Crystalline and Organogel States. <i>Chemistry - A European Journal</i> , 2016, 22, 17843-17856.	3.3	23
16	Diminished Splay Stiffening in Weak Gels of Calamitic Bent-Core Nematic Composites. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2596-2603.	2.6	1
17	A charge transfer complex nematic liquid crystalline gel with high electrical conductivity. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	8
18	Anchoring Transition Induced by Gelation in a Liquid Crystal System. <i>ChemPhysChem</i> , 2013, 14, 331-337.	2.1	6

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19	Enhanced Frank elasticity and storage modulus in a diamagnetic liquid crystalline ferrogel. <i>Soft Matter</i> , 2011, 7, 10151.	2.7	8
20	Anomalously large bend elastic constant and faster electro-optic response in anisotropic gels formed by a dipeptide. <i>Journal of Applied Physics</i> , 2011, 109, 083537.	2.5	23
21	A new thermotropic reentrant behaviour in a chiral liquid crystal dimer: the occurrence of SmA $\leftrightarrow$ SmAb $\leftrightarrow$ SmA phase sequence. <i>Journal of Materials Chemistry</i> , 2009, 19, 2906.	6.7	26
22	Fast Responding Robust Nematic Liquid Crystalline Gels Formed by a Monodisperse Dipeptide: Electro-Optic and Rheological Studies. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6647-6651.	2.6	27
23	Optically biaxial interdigitated smectic A phase: liquid crystalline dimeric bidentate ligands and their metal complexes. <i>Journal of Materials Chemistry</i> , 2008, 18, 2096.	6.7	30
24	The biaxial smectic (SmAb) phase in nonsymmetric liquid crystal dimers comprising two rodlike anisometric segments: an unusual behavior. <i>Journal of Materials Chemistry</i> , 2006, 16, 4099.	6.7	31
25	A Low-Molar-Mass, Monodisperse, Bent-Rod Dimer Exhibiting Biaxial Nematic and Smectic A Phases. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3429-3432.	13.8	118
26	Opto-dielectric effect on a nematic liquid crystal doped with a photoactive azo mesogen. <i>Journal of Applied Physics</i> , 2000, 87, 2084-2089.	2.5	39
27	Interplay between bulk and molecular viscosity of a soft glassy nematic gel. <i>Liquid Crystals</i> , 0, , 1-11.	2.2	0