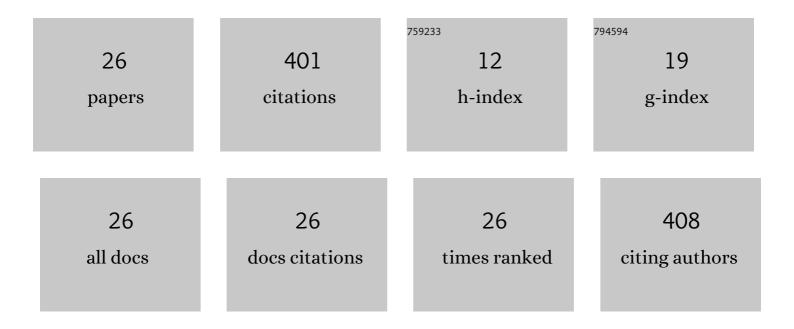
Manoj Kumar Paul

List of Publications by Year in descending order

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MANOLKIIMAR PALIL

#	Article	IF	CITATIONS
1	Low-temperature nematic phase in azo functionalised reactive hockey stick mesogens possessing lateral methyl group. Dyes and Pigments, 2020, 173, 107233.	3.7	4
2	Chiral domain formation and spontaneous de-racemization in the Dark Conglomerate phase of a bent-core liquid crystal. Journal of Molecular Liquids, 2020, 315, 113706.	4.9	1
3	Mesomorphic and photophysical behaviour of 1,3,4-oxadiazole based hockey stick reactive mesogens. Liquid Crystals, 2019, 46, 386-396.	2.2	19
4	Polar Switching and Cybotactic Nematic Ordering in 1,3,4-Thiadiazole-Based Short-Core Hockey Stick-Shaped Fluorescent Liquid Crystals. ACS Omega, 2019, 4, 7711-7722.	3.5	16
5	Molecular structure, chemical reactivity, nonlinear optical activity and vibrational spectroscopic density functional theory and experimental approach. Journal of Molecular Structure, 2018, 1160, 167-176.	3.6	19
6	Unsymmetrical achiral four ring hockey stick shaped mesogens based on 1,3,4-oxadiazole: Photophysical, mesogenic and DFT studies. Journal of Molecular Liquids, 2017, 241, 881-896.	4.9	9
7	Hockey-stick-shaped mesogens based on 1,3,4-thiadiazole: synthesis, mesomorphism, photophysical and DFT studies. Liquid Crystals, 2017, 44, 2203-2221.	2.2	31
8	Low-temperature nematic phase in asymmetrical 1,3,4-oxadiazole bent-core liquid crystals possessing lateral methoxy group. Liquid Crystals, 2017, 44, 1739-1750.	2.2	13
9	Influence of polar substituent on central bending unit of bent core mesogens: Synthesis, photophysical, mesomorphism and DFT studies. Journal of Molecular Structure, 2016, 1119, 177-187.	3.6	3
10	Design, synthesis and mesomorphic behaviour of a four-ring achiral bent-core liquid crystal in the nematic phase. RSC Advances, 2016, 6, 43069-43079.	3.6	8
11	Effect of methoxy group instead of polar group in the nematic phase of four-ring bent-core liquid crystals. RSC Advances, 2015, 5, 7001-7006.	3.6	14
12	Emissive bis-salicylaldiminato Schiff base ligands and their zinc(II) complexes: Synthesis, photophysical properties, mesomorphism and DFT studies. Journal of Molecular Structure, 2015, 1081, 316-328.	3.6	29
13	Electro-optic and molecular relaxation behaviour of fluoro substituted achiral unsymmetrical four-ring bent-core mesogen. Liquid Crystals, 2014, 41, 635-641.	2.2	10
14	Synthesis, mesomorphic, photophysical and computational studies of new achiral four-ring unsymmetrical bent-core mesogens and their Copper(II) complexes. Liquid Crystals, 2014, 41, 1367-1381.	2.2	6
15	Bent shaped H-bonded mesogens derived from 1, 5-bis (4-hydroxyphenyl) penta-1, 4-dien-3-one: Synthesis, photophysical, mesomorphism and computational studies. Journal of Molecular Liquids, 2014, 197, 226-235.	4.9	13
16	Synthesis and mesomorphic behaviour of achiral four-ring unsymmetrical bent-core liquid crystals: Nematic phases. Journal of Molecular Structure, 2013, 1049, 78-89.	3.6	20
17	Layer thinning transition in an achiral four-ring hockey stick shaped liquid crystal. Phase Transitions, 2012, 85, 1070-1078.	1.3	8
18	Synthesis and properties of copper (II), oxovanadium (IV) and gadolinium (III) complexes derived from polar Schiff's bases. Journal of Molecular Structure, 2011, 1002, 135-144.	3.6	4

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#	Article	IF	CITATIONS
19	Fluorescent lanthanide complexes of Schiff base ligands possessing <i>N</i> -aryl moiety: influence of chain length on crossover (calamitic to discotic) phase behaviour. Liquid Crystals, 2010, 37, 1393-1410.	2.2	20
20	Four-ring achiral unsymmetrical bent core molecules forming strongly fluorescent smectic liquid crystals with spontaneous polar and chiral ordered B7 and B1 phases. Journal of Materials Chemistry, 2010, 20, 7332.	6.7	63
21	Mononuclear and binuclear complexes of salicylidene Schiff bases: synthesis and mesogenic properties. Liquid Crystals, 2009, 36, 409-423.	2.2	11
22	Mesomorphism of a banana mesogen: influence of a fluoro substituent in the central core. Liquid Crystals, 2009, 36, 977-987.	2.2	11
23	Novel chiral filament in an achiral W-shaped liquid crystalline compound. Journal of Materials Chemistry, 2005, 15, 4688.	6.7	21
24	A novel smectic liquid crystalline phase exhibited by W-shaped molecules. Journal of Materials Chemistry, 2003, 13, 2880.	6.7	25
25	The synthesis of liquid crystalline lanthanide complexes of Schiff's base ligands: N -(4- n) Tj ETQq1 1 0.784314 rg	BT/Overlo 2.2	ock 10 Tf 50

Coumarin based emissive rod shaped new schiff base mesogens and their zinc(II) complexes: synthesis, photophysical, mesomorphism, gelation and DFT studies. Liquid Crystals, 0, , 1-18.