

Ravindra Kumar Gupta

List of Publications by Citations

Source: <https://exaly.com/author-pdf/889868/ravindra-kumar-gupta-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

574
citations

15
h-index

22
g-index

22
ext. papers

660
ext. citations

4.7
avg, IF

4.26
L-index

#	Paper	IF	Citations
22	Columnar self-assembly of star-shaped luminescent oxadiazole and thiadiazole derivatives. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2940-2952	7.1	73
21	Perylene-Based Liquid Crystals as Materials for Organic Electronics Applications. <i>Langmuir</i> , 2019 , 35, 2455-2479	4	48
20	Perylo[1,12-b,c,d] Thiophene Tetraesters: A New Class of Luminescent Columnar Liquid Crystals. <i>Langmuir</i> , 2015 , 31, 8092-100	4	44
19	Aromatic Driven supergelation, aggregation induced emission and columnar self-assembly of star-shaped 1,2,4-oxadiazole derivatives. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6546-6561	7.1	44
18	Star-shaped fluorescent liquid crystals derived from s-triazine and 1,3,4-oxadiazole moieties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6117-6130	7.1	41
17	Electroluminescent room temperature columnar liquid crystals based on bay-annulated perylene tetraesters. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1767-1781	7.1	38
16	Self-assembly of luminescent N-annulated perylene tetraesters into fluid columnar phases. <i>Soft Matter</i> , 2015 , 11, 3629-36	3.6	36
15	Effect of regioisomerism on the self-assembly and photophysical behavior of 1,3,4-thiadiazole-based polycatenars. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8166-8182	7.1	34
14	Columnar Self-Assembly of Electron-Deficient Dendronized Bay-Annulated Perylene Bisimides. <i>Chemistry - A European Journal</i> , 2018 , 24, 3566-3575	4.8	31
13	A sensitive and selective sensor for picric acid detection with a fluorescence switching response. <i>New Journal of Chemistry</i> , 2018 , 42, 5382-5394	3.6	29
12	Bay-Annulated Perylene Tetraesters: A New Class of Discotic Liquid Crystals. <i>ChemPhysChem</i> , 2016 , 17, 859-72	3.2	25
11	A Perylene-Triazine-Based Star-Shaped Green Light Emitter for Organic Light Emitting Diodes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1608-1613	3.2	24
10	Heteroatom Bay-Annulated Perylene Bisimides: New Materials for Organic Field Effect Transistors. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 1378-1386	4	21
9	Room temperature columnar liquid crystalline self-assembly of acidochromic, luminescent, star-shaped molecules with cyanovinylene chromophores. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1844-1852	7.1	18
8	Columnar self-assembly of luminescent bent-shaped hexacatenars with a central pyridine core connected with substituted 1,3,4-oxadiazole and thiadiazoles. <i>New Journal of Chemistry</i> , 2018 , 42, 3781-3798	3.6	16
7	Nonsymmetrical cholesterol dimers constituting regioisomeric oxadiazole and thiadiazole cores: an investigation of the structure-property correlation. <i>New Journal of Chemistry</i> , 2017 , 41, 879-888	3.6	14
6	Synthesis and self-assembly of aroylhydrazone based polycatenars: A structure-property correlation. <i>Journal of Molecular Liquids</i> , 2019 , 284, 282-290	6	11

5	First Example of White Organic Electroluminescence Utilizing Perylene Ester Imides. <i>ChemistrySelect</i> , 2018 , 3, 5123-5129	1.8	11
4	Microwave-Assisted Method for the Synthesis of Perylene Ester Imides as a Gateway Toward Unsymmetrical Perylene Bisimides. <i>Journal of Organic Chemistry</i> , 2018 , 83, 6290-6300	4.2	10
3	Room temperature helical fluids in single-component systems. <i>Journal of Molecular Liquids</i> , 2019 , 275, 849-858	6	4
2	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	3.4	1
1	Metal-free C _H functionalization of pyrrolidine to pyrrolinium-based room temperature ionic liquid crystals. <i>New Journal of Chemistry</i> , 2021 , 45, 8064-8071	3.6	1