

Exploring the novel donor-nanotube archetype as an efficient optical material: asymmetric open-shell carbon nanotubes

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#	ARTICLE	IF	CITATIONS
19	Tuning the charge transfer and optoelectronic properties of tetrathiafulvalene based organic dye-sensitized solar cells: a theoretical approach. <i>RSC Advances</i> , 2021, 11, 39246-39261.	1.7	10
20	Physical-organic aspects along with linear and nonlinear optical properties of benzene sulfonamide compounds: In silico analysis. <i>Journal of Physical Organic Chemistry</i> , 2022, 35, .	0.9	13
21	Covalent-linked porphyrin-based polymer/multi-walled carbon nanotube nanohybrids: Synthesis and enhanced nonlinear optical performance. <i>Optical Materials</i> , 2022, 123, 111913.	1.7	5
22	Influence of electron-donating ability of ligand and pH value on MLCT properties of cyanido-bridged complexes. <i>Inorganic Chemistry Communication</i> , 2022, 140, 109446.	1.8	0
23	Insighting the systematic impact of shape, size and substitution of heteroatoms in quinoidal oligomers to tune their optoelectronic properties. <i>Optical and Quantum Electronics</i> , 2022, 54, .	1.5	5
24	Symmetric vs. asymmetric: Which one is the better molecular configuration for achieving robust NLO response?. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 114, 108209.	1.3	8
25	Ferrocene appended Y-shaped imidazole aldehyde chromophores: Synthesis, the effect of alkyl chain in the second order nonlinear optical properties and theoretical studies. <i>Journal of Molecular Structure</i> , 2022, 1264, 133137.	1.8	4
26	Lanthanum doped corannulenes with enhanced static and dynamic nonlinear optical properties: A first principle study. <i>Physica B: Condensed Matter</i> , 2022, 641, 414088.	1.3	8
27	Investigating the Role of Novel Benzotrithiophene-Based Bat-Shaped Non-Fullerene Acceptors for High Performance Organic Solar Cells. <i>Journal of Computational Biophysics and Chemistry</i> , 2022, 21, 981-998.	1.0	8
28	Third-order nonlinear optical studies of Bis(4-methylbenzylammonium) tetrachloridocuprate metal-organic crystal with optical limiting behavior: Experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , 2022, 1269, 133827.	1.8	6
29	Pyramid-Like Au ₂ -CNC under an External Electric Field: Charge Transfer, UV-Vis Absorption Spectra, and Nonlinear Optical Property. <i>Journal of Physical Chemistry C</i> , 2022, 126, 16236-16242.	1.5	4
30	Synthesis, physico-chemical characterization and quantum chemical studies of 2, 3-dimethyl quinoxalinium-5-sulphosalicylate crystal. <i>Journal of Molecular Structure</i> , 2023, 1285, 135425.	1.8	2
31	Synthesis, Characterization, Crystal Structures, and Supramolecular Assembly of Copper Complexes Derived from Nitroterephthalic Acid along with Hirshfeld Surface Analysis and Quantum Chemical Studies. <i>ACS Omega</i> , 2023, 8, 8530-8540.	1.6	7