

Sankar Selvaraj

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Multi-spectroscopic (FT-IR, FT-Raman, ¹ H NMR and ¹³ C NMR) investigations on syringaldehyde. Journal of Molecular Structure, 2021, 1229, 129490.	3.6	19
2	Spectroscopic and structural investigations on modafinil by FT-IR, FT-Raman, NMR, UV-Vis and DFT methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 224, 117449.	3.9	22
3	Experimental and theoretical investigations on electronic structure of 5-(hydroxymethyl)-2-furaldehyde: An antisickling agent identified from terminalia bellirica. Chemical Data Collections, 2020, 29, 100498.	2.3	13
4	Spectroscopic and quantum chemical investigations on structural isomers of dihydroxybenzene. Journal of Molecular Structure, 2019, 1196, 291-305.	3.6	13
5	Experimental and theoretical analyzes on structural and spectroscopic properties of monomer and dimeric form of (S)-Piperidine-2-Carboxylic acid: An attempt on medicinal plant. Vibrational Spectroscopy, 2019, 100, 30-39.	2.2	15
6	Vibrational and electronic spectral analysis of thymol an isomer of carvacrol isolated from Trachyspermum ammi seed: A combined experimental and theoretical study. Chemical Data Collections, 2018, 15-16, 10-31.	2.3	29
7	Vibrational (FT-IR and FT-Raman), electronic (UV-Vis) and quantum chemical investigations on pyrogallol: A study on benzenetriol dimers. Vibrational Spectroscopy, 2018, 95, 16-22.	2.2	42
8	Electronic structure, vibrational (FT-IR and FT-Raman), UV-Vis and NMR analysis of 5-(4-(2-(5-ethylpyridin-2-yl) ethoxy) benzyl) thiazolidine-2,4-dione by quantum chemical method. Chemical Data Collections, 2018, 17-18, 263-275.	2.3	11
9	A combined experimental and theoretical study on 4-hydroxy carbazole by FT-IR, FT-Raman, NMR, UV-Vis and quantum chemical investigations. Chemical Data Collections, 2018, 17-18, 302-311.	2.3	15
10	Experimental and theoretical investigations on spectroscopic properties of tropicamide. Journal of Molecular Structure, 2018, 1173, 52-62.	3.6	26
11	Vibrational (FT-IR and FT-Raman), electronic (UV-Vis), NMR (¹ H and ¹³ C) spectra and molecular docking analyses of anticancer molecule 4-hydroxy-3-methoxycinnamaldehyde. Journal of Molecular Structure, 2018, 1173, 307-320.	3.6	31