

# Sankar Selvaraj

## List of Publications by Year in descending order

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11  
papers

236  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

147  
citing authors

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