

# Venu Kannappan

## List of Publications by Year in descending order

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25  
papers

255  
citations

933447

10  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasonic investigation of molecular interaction of thyroxine and anti-tuberculosis drugs and DFT studies. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100203.	2.8	0
2	Ultrasonic and DFT studies of aliphatic amine $\pi$ -Cyclic ether interactions in n-hexane solvent at 303.15K. <i>Journal of Molecular Liquids</i> , 2020, 297, 111906.	4.9	4
3	DFT investigation of role of N $\pi$ -O and N $\pi$ - $\pi$ interactions in the stabilization of the hydrogen bonded complexes of anisole with aromatic amines. <i>Heliyon</i> , 2019, 5, e02155.	3.2	15
4	Investigation of steric effect in the formation of hydrogen-bonded complexes of isomeric chlorophenols with N,N-dimethylaniline. <i>Journal of Molecular Liquids</i> , 2017, 244, 405-414.	4.9	2
5	Structural Analysis and Reactivity of Tetramethylcopper(III) Complex towards Nitrogen Donor Ligands by Density Functional Theory. <i>Advances in Chemistry</i> , 2016, 2016, 1-8.	1.1	0
6	DFT analysis and spectral characteristics of Celecoxib a potent COX-2 inhibitor. <i>Journal of Molecular Structure</i> , 2016, 1121, 16-25.	3.6	18
7	Investigation of molecular interaction between cefpodoxime acid and human mixtard insulin by ultrasonic and spectral methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 237-245.	2.8	2
8	Assessment of non-covalent interaction between insulin and some antibiotics in aqueous solution through ultrasonic studies and in silico docking analysis. <i>Journal of Molecular Liquids</i> , 2016, 224, 1131-1141.	4.9	2
9	Ultrasonic and spectral studies on charge transfer complexes of anisole and certain aromatic amines. <i>Chemical Physics</i> , 2016, 478, 34-44.	1.9	7
10	Ultrasonic, spectrophotometric and theoretical studies of sigma and PI interactions of iodine with substituted benzene. <i>RSC Advances</i> , 2015, 5, 44873-44885.	3.6	16
11	Determination of thermodynamic properties for protonation equilibrium between isomeric cresols and N,N-dimethylaniline in n-hexane medium. <i>Journal of Molecular Liquids</i> , 2015, 207, 28-38.	4.9	6
12	Acoustical and spectroscopic investigation of charge transfer complexes of certain aromatic compounds with iodine in n-hexane at 303K. <i>Journal of Molecular Liquids</i> , 2014, 196, 404-410.	4.9	29
13	Ultrasonic and spectroscopic investigations of hydrogen bonded complexes of aromatic aldehydes with aniline in n-Hexane at 303.15K. <i>Journal of Molecular Liquids</i> , 2013, 188, 120-125.	4.9	10
14	Hydrogenation of dinitrogen to ammonia in [WF(PH <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> PH <sub>2</sub> ) <sub>2</sub> N <sub>2</sub> ] using H <sub>2</sub> : Insights from DFT calculations. <i>New Journal of Chemistry</i> , 2012, 36, 562.	2.8	14
15	Studies on free energies of solution and its components of thiazole amine derivatives. <i>Journal of Molecular Liquids</i> , 2012, 174, 112-116.	4.9	1
16	Thermodynamic properties of donor-acceptor complexes of tertiary amine with aryl ketones in hexane medium. <i>Thermochimica Acta</i> , 2012, 536, 15-23.	2.7	13
17	Thermo acoustic and spectral investigations of charge transfer interaction between aromatic amine and ketones. <i>Fluid Phase Equilibria</i> , 2011, 307, 113-125.	2.5	15
18	A Simple Approach to the Synthesis of Hexagonal-Shaped Silver Nanoplates. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-5.	2.7	10

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19	Dilute solution viscometric, ultrasonic and refractometric studies of molecular interactions of human mixtard insulin with an antibiotic. Journal of Molecular Liquids, 2010, 154, 69-75.	4.9	7
20	Ultrasonic and spectroscopic investigations of charge-transfer complexes in ternary liquid mixtures. Journal of Molecular Liquids, 2009, 148, 67-72.	4.9	31
21	Ultrasonic method of determination of stability constants of charge transfer complexes of certain carbonyl compounds and diethylamine in <i>n</i> -hexane. Physics and Chemistry of Liquids, 2008, 46, 510-521.	1.2	15
22	Determination of Stability Constants of Charge Transfer Complexes of CycloAlkanones with Tetrachloroethylene in <i>n</i> -Hexane Solutions by Ultrasonic Method. Physics and Chemistry of Liquids, 2003, 41, 133-143.	1.2	10
23	Ultrasonic Studies on Charge Transfer Complexes of Cyclo Alkanones with Chloroform in <i>n</i> -Hexane Solutions. Physics and Chemistry of Liquids, 2002, 40, 507-525.	1.2	24
24	Studies on Biphasic Behaviour of Certain Thermotropic Liquid Crystalline Copolyesters. Molecular Crystals and Liquid Crystals, 1998, 319, 39-49.	0.3	0
25	Structural Effects on the Mesophase Formation of Certain Thermotropic Liquid Crystalline Random Copolyesters. Molecular Crystals and Liquid Crystals, 1996, 287, 1-11.	0.3	4