Etem Kose

List of Publications by Year
in descending order

26	610	706676 14	651938 25
papers	citations	h-index	g-index

26	26	26	689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FTâ€Raman, FTâ€IR spectra and DFT calculations on monomeric and dimeric structures of 5â€fluoroâ€and 5â€chloroâ€salicylic acid. Journal of Raman Spectroscopy, 2010, 41, 1085-1097.	1.2	77
2	Synthesis, analysis of spectroscopic and nonlinear optical properties of the novel compound: (S)-N-benzyl-1-phenyl-5-(thiophen-3-yl)-4-pentyn-2-amine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 556-567.	2.0	59
3	NMR, UV, FT-IR, FT-Raman spectra and molecular structure (monomeric and dimeric structures) investigation of nicotinic acid N-oxide: A combined experimental and theoretical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 145-154.	2.0	56
4	Molecular structure investigation and spectroscopic studies on 2,3-difluorophenylboronic acid: A combined experimental and theoretical analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 892-908.	2.0	48
5	Monomeric and dimeric structures analysis and spectroscopic characterization of 3,5-difluorophenylboronic acid with experimental (FT-IR, FT-Raman, 1H and 13C NMR, UV) techniques and quantum chemical calculations. Journal of Molecular Structure, 2014, 1058, 79-96.	1.8	48
6	Molecular structure (monomeric and dimeric structure) and HOMOâ€“LUMO analysis of 2-aminonicotinic acid: A comparison of calculated spectroscopic properties with FT-IR and UVâ€“vis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 91, 83-96.	2.0	42
7	DFT calculations and experimental FT-IR, FT-Raman, NMR, UVâ€“Vis spectral studies of 3-fluorophenylboronic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 306-320.	2.0	33
8	Spectroscopic (NMR, UV, FT-IR and FT-Raman) analysis and theoretical investigation of nicotinamide N-oxide with density functional theory. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 250-258.	2.0	32
9	Conformational, electronic, and spectroscopic characterization of isophthalic acid (monomer and) Tj ETQq1 1 0.784314 rgBT /Overlock Biomolecular Spectroscopy, 2016, 165, 33-46.	2.0	32
10	Synthesis, spectroscopic characterization and quantum chemical computational studies of (S)-N-benzyl-1-phenyl-5-(pyridin-2-yl)-pent-4-yn-2-amine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 435-448.	2.0	28
11	FT-IR, FT-Raman, NMR and UVâ€“Vis spectra and DFT calculations of 5-bromo-2-ethoxyphenylboronic acid (monomer and dimer structures). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 1315-1333.	2.0	24
12	Experimental (FT-IR, FT-Raman, UVâ€“Vis, 1H and 13CNMR) and computational (density functional theory) studies on 3-bromophenylboronic acid. Journal of Molecular Structure, 2014, 1076, 358-372.	1.8	21
13	The structural and spectroscopic investigation of 2-chloro-3-methylquinoline by DFT method and UVâ€“Vis, NMR and vibrational spectral techniques combined with molecular docking analysis. Journal of Molecular Structure, 2018, 1163, 147-160.	1.8	21
14	FT-IR and FT-Raman, NMR and UV spectroscopic investigation and hybrid computational (HF and DFT) analysis on the molecular structure of mesitylene. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 622-634.	2.0	20
15	Spectral investigations of 2,5-difluoroaniline by using mass, electronic absorption, NMR, and vibrational spectra. Journal of Molecular Structure, 2016, 1123, 284-299.	1.8	12
16	The spectroscopic (FT-IR, FT-Raman, dispersive Raman and NMR) study of ethyl-6-chloronicotinate molecule by combined density functional theory. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 754-770.	2.0	11
17	The spectroscopic and quantum chemical studies of 3,4-difluoroaniline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 143, 265-280.	2.0	10
18	Anionic dependency of electronic and nonlinear optical properties of ionic liquids. Journal of Molecular Liquids, 2022, 345, 117030.	2.3	10

#	Article	IF	Citations
19	Determination of structural and vibrational spectroscopic features of neutral and anion forms of dinicotinic acid by using NMR, infrared and Raman experimental methods combined with DFT and HF. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 38-45.	2.0	7
20	The detailed electronic structure, spectroscopic features, and reactivity of dimethylanisoles. Journal of Molecular Structure, 2021, 1227, 129517.	1.8	4
21	Structural, theoretical and third order nonlinear optical properties of (E)-Nâ€™-(4-chlorobenzylidene)-4-fluorobenzohydrazide monohydrate. Molecular Crystals and Liquid Crystals, 2021, 725, 66-80.	0.4	4
22	Investigation of the interionic interactions and spectroscopic features of 1-Octyl-3-methylimidazolium chloride, tetrafluoroborate, and hexafluorophosphate ionic liquids: An experimental survey and DFT modeling. Journal of Molecular Structure, 2022, 1261, 132912.	1.8	4
23	Structural, spectral, experimental, and theoretical investigations of (E)-4-fluoro-Nâ€²-(pyridin-2-ylmethylene)benzohydrazide monohydrate. Research on Chemical Intermediates, 2021, 47, 2469.	1.3	3
24	The investigation of fluorine substitution in difluoroanilines with focus on 2,6-difluoroaniline by spectroscopic methods, density functional theory approach, and molecular docking. Journal of Molecular Structure, 2019, 1196, 201-214.	1.8	2
25	Crystal Structure, Experimental and DFT of (Z)-4-((4-Fluorophenyl)amino)pent-3-en-2-one. Asian Journal of Chemistry, 2021, 33, 1638-1644.	0.1	1
26	THE SPECTROSCOPIC ANALYSIS OF 2,4'-DIBROMOACETOPHENONE MOLECULEBY USING QUANTUM CHEMICAL CALCULATIONS. Anadolu University Journal of Sciences & Technology, 2016, 17, 677-677.	0.2	1