Mustafa Senyel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11285180/publications.pdf

Version: 2024-02-01

43	396	840776 11	888059 17
papers	citations	h-index	g-index

43	43	43	300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FT-IR and NMR investigation of 1-phenylpiperazine: A combined experimental and theoretical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 793-801.	3.9	52
2	Computational study on favipiravir adsorption onto undoped- and silicon-decorated C60 fullerenes. Journal of Theoretical and Computational Chemistry, 2017, 16, 1750011.	1.8	25
3	Vibrational spectroscopic investigation and conformational analysis of 1-heptylamine: A comparative density functional study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 668-680.	3.9	22
4	Theoretical and experimental vibrational spectroscopic study of 3-piperidino-propylamine. Journal of Molecular Structure, 2009, 923, 120-126.	3.6	19
5	Vibrational spectroscopic study on some Hofmann type clathrates: M(1-Phenylpiperazine)2Ni(CN)4Â·2G (M=Ni, Co and Cd; G=aniline). Journal of Molecular Structure, 2009, 919, 41-46.	3.6	19
6	4-Mercaptophenylboronic acid: Conformation, FT-IR, Raman, OH stretching and theoretical studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 144, 131-138.	3.9	19
7	FT-IR spectroscopic investigation of some Hofmann type complexes: M(1-phenylpiperazine)2Ni(CN)4 (M=Ni, Co, Cd, Pd or Mn). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 367-375.	3.9	16
8	Conformational analysis and vibrational spectroscopic investigation of 3-phenylpropylamine. Vibrational Spectroscopy, 2009, 50, 277-284.	2.2	15
9	1H, 13C, 15N NMR and nJ(C, H) coupling constants investigation of 3-piperidino-propylamine: A combined experimental and theoretical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 830-834.	3.9	14
10	FT-IR and Raman spectroscopic and quantum chemical investigations of some metal halide complexes of 1-phenylpiperazine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 88, 144-155.	3.9	13
11	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 175-180.	1.6	12
12	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 45, 129-137.	1.6	11
13	Vibrational spectra, DFT calculations, conformational stabilities and assignments of the fundamentals of the 1-butylpiperazine. Journal of Molecular Structure, 2016, 1122, 324-330.	3.6	10
14	FT-IR Spectroscopic Study on Some 4-(3-Cyclohexen-1-yl)pyridine Metal(II) Tetracyanonickelate Complexes. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2005, 60, 532-536.	1.5	9
15	Vibrational spectroscopic and thermal studies of some 3-phenylpropylamine complexes. Vibrational Spectroscopy, 2009, 51, 299-307.	2.2	9
16	Vibrational investigation of 1-cyclopentylpiperazine: A combined experimental and theoretical study. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1654-1661.	5.1	9
17	One dimensional coordination polymers: Synthesis, crystal structures and spectroscopic properties. Journal of Molecular Structure, 2016, 1123, 327-334.	3.6	9
18	Syntheses, structural characterization and spectroscopic studies of cadmium(II)-metal(II) cyanide complexes with 4-(2-aminoethyl)pyridine. Journal of Molecular Structure, 2017, 1130, 80-88.	3.6	9

#	Article	IF	Citations
19	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 169-174.	1.6	8
20	Interaction between doped C₆₀ fullerenes and piperazine-2,3,5,6-tetraone: DFT simulation. Main Group Metal Chemistry, 2018, 41, 63-66.	1.6	8
21	Experimental and theoretical NMR study of 4-(3-cyclohexen-1-yl)pyridine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 1252-1256.	3.9	7
22	Molecular structure, NMR analyses, density functional theory and ab initio Hartreeâ€“Fock calculations of 3-phenylpropylamine. Comptes Rendus Chimie, 2009, 12, 808-815.	0.5	7
23	Synthesis, spectroscopic, thermal and structural properties of 4-(2-aminoethyl)pyridinium tetracyanometallate(II) complexes. Journal of Molecular Structure, 2017, 1136, 281-287.	3.6	7
24	One-dimensional coordination polymers with 4-(2-aminoethyl)pyridine: Synthesis, crystal structures and spectroscopic properties. Polyhedron, 2017, 123, 56-61.	2.2	6
25	FT-IR Spectroscopic Study on Some Hofmann-Td Type Complexes: Ni(4-Phenylpyridine)2M(CN)4 (M = Cd) Tj ETQq1 1 0.784314 rgBT	1.5	5
26	FTâ€Raman spectroscopic spectra on 3â€phenylpropylamine inclusion compounds. Journal of Raman Spectroscopy, 2011, 42, 558-562.	2.5	5
27	DFT, FT-Raman and FT-IR investigations of 1-cyclobutylpiperazine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 90, 109-117.	3.9	5
28	Density functional theory study on the adsorption of valproic acid to doped fullerenes. Main Group Metal Chemistry, 2018, 41, 67-71.	1.6	5
29	Syntheses, crystal structures, spectroscopic properties and thermal decompositions of one dimensional coordination polymers with 4-(2-aminoethyl)pyridine and cyanide ligands: [M(Î¼-4aepy)2(H2O)2][Mâ€²(CN)4] (MÂ= Cu or Zn, M'Â= Ni or Pd). Journal of Molecular Structure, 2019, 1176, 641-649.	3.6	5
30	1H, 13C NMR and nJCH coupling constants investigation of 4-Phenylpyridine: A combined experimental and theoretical study. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 371, 300-306.	2.1	4
31	The synthesis, molecular structure, FT-IR and XRD spectroscopic investigation of 4-[(2-{[(2-furylmethyl)imino]methyl}-4-methoxyphenoxy)methyl]benzonitrile: A comparative DFT study. Journal of Molecular Structure, 2011, 991, 12-17.	3.6	4
32	Conformation and NH stretching of 1,1-dihalogenoheptan-1-amines [CH3(CH2)5CX2NH2; X=F, Cl or Br]: Halogen and solvent effects. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 171-178.	3.9	4
33	FT-IR spectroscopic investigation of some Hofmann type complexes: M(2-(1-Cyclohexenyl)ethylamine)2Ni(CN)4 (M=Ni, Co). Journal of Molecular Structure, 2008, 892, 311-315.	3.6	3
34	Molecular structure, NMR analyses, density functional theory and ab initio Hartreeâ€“Fock calculations of 4,4â€²-diaminooctafluorobiphenyl. Journal of Molecular Structure, 2008, 891, 151-156.	3.6	3
35	Vibrational spectroscopic and conformational studies of 1-(4-pyridyl)piperazine. Chemical Papers, 2010, 64, .	2.2	3
36	Vibrational spectroscopic investigations of some Hofmann-Td-type complexes: Ni(2-(1-cyclohexenyl)ethylamine)2M(CN)4 (M=Cd or Hg). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 76, 435-438.	3.9	3

#	Article	IF	Citations
37	Vibrational spectroscopic study on some Hofmann-Td type clathrates: Ni(4-phenylpyridine)2M(CN)4Â·2G (M=Cd or Hg, G=1,4-dioxane). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1487-1491.	3.9	3
38	Sensor application of doped C60 fullerenes in detection of 1-(3-trifluoromethylphenyl)piperazine as an alternative to ecstasy. Main Group Metal Chemistry, 2019, 42, 23-27.	1.6	3
39	Synthesis and vibrational spectroscopic analysis of some Hofmann type clathrates. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 82, 383-388.	3.9	2
40	Vibrational spectroscopic study on some Hofmann type clathrates: M(2-(1-cyclohexenyl)ethylamine)2Ni(CN)4Â·2benzene (M=Ni and Cd). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 308-311.	3.9	1
41	Vibrational spectroscopic analysis of some Hofmannâ€“Td type complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 678-682.	3.9	1
42	Crystallographic, vibrational and DFT studies of 1-(2-hydroxy-4,5-dimethylphenyl)ethanone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 762-770.	3.9	1
43	Molecular, vibrational and electronic structure of 4-bromo-2-halogenobenzaldehydes: Halogen and solvent effects. Physical Sciences Reviews, 2017, 2, .	0.8	1