

N Sundaraganesan

List of Publications by Year in descending order

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102
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4,257
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101543

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102
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3276
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformational analysis, molecular structure, spectroscopic, NBO, reactivity descriptors, wavefunction and molecular docking investigations of 5,6-dimethoxy-1-indanone: A potential anti Alzheimer's agent. <i>Heliyon</i> , 2022, 8, e08821.	3.2	7
2	FT-IR, FT-Raman, UV-Visible, NMR, DFT and molecular docking investigation of 1-(phenyl (piperidin-1-yl)) Tj ETQq000 rgBTj3/Overlock	2.0	0
3	Synthesis, Characterization, Spectroscopic, DFT and Molecular Docking Studies of 3-(3,4-Dihydroxyphenyl)-1-Phenyl-3-(Phenylamino)Propan-1-One. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-21.	2.6	1
4	Synthesis, molecular structure, quantum chemical analysis, spectroscopic and molecular docking studies of N-(Morpholinomethyl) succinimide using DFT method. <i>Journal of Molecular Structure</i> , 2019, 1175, 609-623.	3.6	10
5	Pharmacophore based virtual screening, molecular docking and density functional theory approaches to discover the potent beta-amyloid precursor protein (B-APP) inhibitor. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
6	Synthesis, spectroscopic, computational and molecular docking studies of 1-(pyridin-2-yl amino)methyl naphthalene-2-ol. <i>Journal of Molecular Structure</i> , 2019, 1197, 417-429.	3.6	6
7	Spectra, electronic structure and molecular docking investigations on 3-(phenyl(p-tolylamino)methyl)naphthalen-2-ol " An experimental and computational approach. <i>Journal of Molecular Structure</i> , 2017, 1135, 53-66.	3.6	11
8	Vibrational and structural observations upon 3-((1H-benzo[d]imidazol-1-yl)methyl)naphthalen-2-ol from spectral and DFT computing approaches. <i>Journal of Molecular Structure</i> , 2016, 1112, 33-44.	3.6	9
9	Synthesis and spectroscopic characterization on 4-(2,5-di-2-thienyl-1H-pyrrol-1-yl) benzoic acid: A DFT approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 8-17.	3.9	12
10	Structural and vibrational spectroscopic analysis of anticancer drug mitotane using DFT method; a comparative study of its parent structure. <i>Journal of Molecular Structure</i> , 2015, 1086, 73-85.	3.6	0
11	FT-IR, FT-Raman, dispersive Raman, NMR spectroscopic studies and NBO analysis of 2-Bromo-1H-Benzimidazol by density functional method. <i>Journal of Molecular Structure</i> , 2015, 1081, 506-518.	3.6	21
12	Synthesis, structural and spectral analysis of (E)-N ² -(4-Methoxybenzylidene)pyridine-3-carbohydrazide dihydrate by density functional theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 1123-1136.	3.9	11
13	Spectroscopic and molecular structure investigations of 9-vinylcarbazole by DFT and ab initio method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 690-699.	3.9	10
14	Spectral and structural studies of the anti-cancer drug Flutamide by density functional theoretical method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 604-613.	3.9	25
15	Spectral analysis, vibrational assignments, NBO analysis, NMR, UV-Vis, hyperpolarizability analysis of 2-aminofluorene by Density Functional Theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 211-221.	3.9	10
16	The spectroscopic (FT-IR, FT-Raman, UV and NMR) first order hyperpolarizability and HOMO-LUMO analysis of dansyl chloride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 234-244.	3.9	18
17	Molecular structure, vibrational spectra, NMR and UV spectral analysis of sulfamethoxazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 1-10.	3.9	37
18	Molecular structure and vibrational spectra of alpha-benzoinoxime by density functional method. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2014, 116, 187-195.	0.6	3

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19	FT-IR, FT-Raman spectra, density functional computations of the vibrational spectra, molecular geometry, conformational stability and some molecular properties of 1-Bromo-2,3-dimethoxynaphthalene. <i>Journal of Molecular Structure</i> , 2014, 1074, 51-61.	3.6	6
20	FT-IR, FT-Raman, NMR spectra, density functional computations of the vibrational assignments (for) of Molecular Structure, 2014, 1063, 192-202.	3.6	19
21	Synthesis, structural, spectral (FTIR, FT-Raman, UV, NMR), NBO and first order hyperpolarizability analysis of N-phenylbenzenesulfonamide by density functional theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 417-431.	3.9	47
22	Spectroscopic (FTIR, FT-Raman, NMR and UV) and molecular structure investigations of 1,5-diphenylpenta-2,4-dien-1-one: a combined experimental and theoretical approach. <i>Molecular Simulation</i> , 2013, 39, 330-349.	2.0	6
23	The infrared, Raman, NMR and UV spectra, ab initio calculations and spectral assignments of 2-amino-4-chloro-6-methoxypyrimidine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 451-459.	3.9	9
24	Molecular structure, vibrational spectra and first-order hyperpolarisability analysis of 2-amino-6-nitrobenzothiazole by DFT method. <i>Molecular Simulation</i> , 2013, 39, 1052-1064.	2.0	6
25	Structural, vibrational, electronic and NMR spectral analysis of 3-chloro-6-methoxypyridazine by DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 110, 36-45.	3.9	5
26	Experimental and theoretical spectroscopic studies of anticancer drug rosmarinic acid using HF and density functional theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 340-351.	3.9	18
27	Vibrational spectra, UV and NMR, first order hyperpolarizability and HOMO-LUMO analysis of 2-amino-4-chloro-6-methylpyrimidine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 811-824.	3.9	9
28	The spectroscopic (FTIR, FT-Raman, UV and NMR), first-order hyperpolarizability and HOMO-LUMO analysis of 4-amino-5-chloro-2-methoxybenzoic acid. <i>Journal of Molecular Structure</i> , 2012, 1024, 1-12.	3.6	41
29	Molecular structure and vibrational spectra of Irinotecan: A density functional theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 1-6.	3.9	22
30	Spectroscopic (FTIR, FT-Raman, NMR and UV) and molecular structure investigations of 1,5-diphenylpenta-1,4-dien-3-one: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2012, 1030, 191-203.	3.6	47
31	Molecular structure and spectroscopic (FT-IR, FT-Raman, ¹³ C, ¹ H NMR and UV) studies of 3,4-dihydroxy-phenylalanine using density functional theory. <i>Molecular Simulation</i> , 2012, 38, 987-1000.	2.0	9
32	FT-IR, FT-Raman, NMR and UV-vis spectra, vibrational assignments and DFT calculations of 4-butyl benzoic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 85, 179-189.	3.9	105
33	Molecular structure and vibrational spectroscopic studies of Chrysin using HF and Density Functional Theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 87, 67-76.	3.9	33
34	The spectroscopic (FTIR, FT-Raman, NMR and UV), first-order hyperpolarizability and HOMO-LUMO analysis of methylboronic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 92, 67-77.	3.9	43
35	Structural, vibrational (FT-IR and FT-Raman) and UV-vis spectral analysis of 1-phenyl-3-(1,2,3-thiadiazol-5-yl)urea by DFT method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 331-340.	3.9	12
36	The spectroscopic properties of anticancer drug Apigenin investigated by using DFT calculations, FT-IR, FT-Raman and NMR analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 86-99.	3.9	30

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37	Vibrational spectral and quantum chemical investigations of tert-butyl-hydroquinone. Journal of Molecular Structure, 2012, 1012, 168-176.	3.6	17
38	Aggregation properties and structural studies of anticancer drug Irinotecan in DMSO solution based on NMR measurements. Journal of Molecular Structure, 2012, 1013, 26-35.	3.6	7
39	FT-IR, FT-Raman spectra, density functional computations of the vibrational spectra and molecular conformational analysis of 2,5-di-tert-butyl-hydroquinone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 165-174.	3.9	17
40	Molecular structure, vibrational spectroscopic, first-order hyperpolarizability and HOMO, LUMO studies of 2-aminobenzimidazole. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 84, 184-195.	3.9	74
41	The spectroscopic (FT-IR, FT-Raman), NCA, first order hyperpolarizability, NBO analysis, HOMO and LUMO analysis of l-cysteine by ab initio HF and density functional method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1515-1524.	3.9	29
42	Molecular structure, vibrational, UV and NBO analysis of 4-chloro-7-nitrobenzofurazan by DFT calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1162-1170.	3.9	116
43	Synthesis and Raman spectroscopic investigation of a new self-assembly monolayer material 4-((3-methylphenyl)amino)benzoic acid for organic light-emitting devices. Journal of Raman Spectroscopy, 2011, 42, 1682-1689.	3.9	3
44	DFT, FT-Raman, FT-IR and FT-NMR studies of 4-phenylimidazole. Journal of Molecular Structure, 2011, 990, 14-20.	3.6	67
45	Molecular structure and vibrational spectra of 4-phenylsemicarbazide by density functional method. Journal of Molecular Structure, 2011, 994, 379-386.	3.6	23
46	Synthesis, X-ray crystallography characterization, vibrational spectroscopic, molecular electrostatic potential maps, thermodynamic properties studies of N,N-di-(p-thiazole)formamidine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 88-95.	3.9	15
47	Molecular structure, vibrational spectroscopic, first order hyperpolarizability and HOMO-LUMO studies of 7-amino-8-oxo-3-vinyl-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 660-669.	3.9	16
48	Experimental and theoretical investigation of the molecular and electronic structure of anticancer drug camptothecin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1058-1067.	3.9	36
49	FT-IR, FT-Raman spectra, density functional computations of the vibrational spectra and molecular geometry of butylated hydroxy toluene. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 562-569.	3.9	42
50	Molecular structure, vibrational spectra and DFT molecular orbital calculations (TD-DFT and NMR) of the antiproliferative drug Methotrexate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 264-275.	3.9	55
51	Vibrational spectroscopic study and NBO analysis on bis(4-amino-5-mercapto-1,2,4-triazol-3-yl) methane using DFT method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 877-884.	3.9	48
52	Molecular structure, vibrational spectroscopic, first-order hyperpolarizability and HOMO, LUMO studies of 3-hydroxy-2-naphthoic acid hydrazide. Journal of Raman Spectroscopy, 2010, 41, 53-62.	2.5	69
53	Molecular structure, spectroscopic (FTIR, FTIR gas phase, FT-Raman) first-order hyperpolarizability and HOMO-LUMO analysis of 4-methoxy-2-methyl benzoic acid. Journal of Raman Spectroscopy, 2010, 41, 1369-1378.	2.5	68
54	Molecular structure, vibrational spectroscopic studies and NBO analysis of the 3,5-dichlorophenylboronic acid molecule by the density functional method. Journal of Raman Spectroscopy, 2010, 41, 1379-1387.	2.5	28

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55	The spectroscopic (FT-IR, FT-IR gas phase, FT-Raman and UV) and NBO analysis of 4-Hydroxypiperidine by density functional method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 941-952.	3.9	279
56	FT-IR, FT-Raman, NMR spectra and DFT calculations on 4-chloro-N-methylaniline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1523-1529.	3.9	83
57	X-ray crystallography characterization, vibrational spectroscopy, NMR spectra and quantum chemical DFT/HF study of N,N-di(2-methoxyphenyl)formamidine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 182-190.	3.9	27
58	Anharmonic vibrational analysis of 3,4-diaminopyridine and 3-aminopyridine by density functional theory calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 502-512.	3.9	26
59	Molecular structure, anharmonic vibrational frequencies and NBO analysis of naphthalene acetic acid by density functional theory calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 612-619.	3.9	92
60	VIBRATIONAL DYNAMICS AND POTENTIAL ENERGY DISTRIBUTION OF TWO WELL-KNOWN NEUROTRANSMITTER RECEPTORS: TYRAMINE AND DOPAMINE HYDROCHLORIDE. <i>Journal of Theoretical and Computational Chemistry</i> , 2009, 08, 433-450.	1.8	29
61	Molecular structure, spectroscopic studies and first-order molecular hyperpolarizabilities of ferulic acid by density functional study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 312-323.	3.9	88
62	The spectroscopic FT-IR gas phase, FT-IR, FT-Raman, polarizabilities analysis of Naphthoic acid by density functional methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 704-713.	3.9	48
63	Experimental FTIR, FT-IR (gas phase), FT-Raman and NMR spectra, hyperpolarizability studies and DFT calculations of 3,5-dimethylpyrazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 788-797.	3.9	84
64	Molecular structure, vibrational spectra and HOMO, LUMO analysis of 4-piperidone by density functional theory and <i>ab initio</i> Hartree-Fock calculations. <i>Molecular Simulation</i> , 2009, 35, 705-713.	2.0	18
65	Molecular structure, vibrational spectra and NBO analysis of phenylisothiocyanate by density functional method. <i>Computational and Theoretical Chemistry</i> , 2008, 863, 44-49.	1.5	20
66	Vibrational spectra and assignments of 3-aminobenzyl alcohol by <i>ab initio</i> Hartree-Fock and density functional method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 198-204.	3.9	26
67	FT-IR, FT-Raman spectra and <i>ab initio</i> HF, DFT vibrational analysis of p-chlorobenzoic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 871-879.	3.9	47
68	FT-IR, FT-Raman spectra and quantum chemical calculations of 3,4-dimethoxyaniline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 50-59.	3.9	18
69	Vibrational spectra and quantum chemical calculations of 3,4-diaminobenzoic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 376-383.	3.9	33
70	FT-IR, FT-Raman spectra and quantum chemical calculations of some chloro substituted phenoxy acetic acids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 430-438.	3.9	16
71	FT-IR, FT-Raman spectra and <i>ab initio</i> HF and DFT calculations of 4-N,N-dimethylamino pyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 898-906.	3.9	144
72	Harmonic analysis of vibrations of morpholine-4-ylmethylthiourea: A DFT, midinfrared and Raman spectral study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 996-1002.	3.9	20

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73	Molecular structure and vibrational spectra of 3-chloro-4-fluoro benzonitrile by ab initio HF and density functional method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 1134-1139.	3.9	80
74	Molecular structure and vibrational spectra of indole and 5-aminoindole by density functional theory and ab initio Hartree-Fock calculations. <i>Computational and Theoretical Chemistry</i> , 2008, 850, 84-93.	1.5	45
75	Molecular structure and vibrational spectra of 2-amino-5-methyl pyridine and 2-amino-6-methyl pyridine by density functional methods. <i>Journal of Molecular Structure</i> , 2008, 891, 284-291.	3.6	45
76	FT-IR, FT-Raman spectra and DFT vibrational analysis of 2-aminobiphenyl. <i>Molecular Simulation</i> , 2008, 34, 277-287.	2.0	13
77	Molecular structure and vibrational spectra of 4-nitrobenzylchloride by ab initio Hartree-Fock and density functional methods. <i>Molecular Simulation</i> , 2008, 34, 619-630.	2.0	0
78	Vibrational analysis of deoxy-andrographolide using MM/QM methods. <i>Spectroscopy</i> , 2007, 21, 279-292.	0.8	1
79	FTIR, FT-Raman spectra and ab initio, DFT vibrational analysis of 2,4-dinitrophenylhydrazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 17-27.	3.9	85
80	Vibrational spectra and assignments of 5-amino-2-chlorobenzoic acid by ab initio Hartree-Fock and density functional methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 381-388.	3.9	49
81	FT-IR, FT-Raman spectra and ab initio DFT vibrational analysis of p-bromophenoxyacetic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 773-780.	3.9	31
82	Vibrational spectroscopy investigation using ab initio and density functional theory analysis on the structure of 3-aminobenzotrifluoride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 214-224.	3.9	47
83	FT-Raman and FT-IR spectra, ab initio and density functional studies of 2-amino-4,5-difluorobenzoic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 287-297.	3.9	116
84	Vibrational spectroscopy investigation using ab initio and density functional theory analysis on the structure of 2-amino-5-methylphenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 550-558.	3.9	10
85	Comparison of experimental and ab initio HF and DFT vibrational spectra of benzimidazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 628-635.	3.9	112
86	Vibrational spectra and assignments of 2-amino-5-iodopyridine by ab initio Hartree-Fock and density functional methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 830-836.	3.9	20
87	FT-IR, FT-Raman spectra and ab initio HF, DFT vibrational analysis of 2,3-difluoro phenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 561-566.	3.9	61
88	Vibrational spectroscopy investigation using ab initio and density functional theory analysis on the structure of 5-amino-o-cresol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 619-625.	3.9	15
89	Vibrational spectroscopy investigation using ab initio and density functional theory analysis on the structure of 3,4-dimethylbenzaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 680-687.	3.9	26
90	Vibrational spectra and fundamental structural assignments from HF and DFT calculations of methyl benzoate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 771-777.	3.9	57

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91	Density functional study on the molecular structure, infrared and Raman spectra, and vibrational assignment for 4-thiocarbamoylpyridine. <i>Journal of Molecular Structure</i> , 2006, 791, 70-76.	3.6	35
92	FTIR, FT-Raman spectra and ab initio DFT vibrational analysis of 2-amino-5-chloropyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 586-594.	3.9	39
93	FT-Raman and FT-IR spectra, ab initio and density functional studies of 3,4-dichlorobenzyl alcohol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 826-832.	3.9	15
94	FTIR, FT-Raman spectra and ab initio DFT vibrational analysis of 2,4-dichloro-6-nitrophenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 1053-1062.	3.9	32
95	Vibrational spectroscopy investigation using ab initio and density functional theory analysis on the structure of 2-amino-4,6-dimethoxypyrimidine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 1186-1196.	3.9	44
96	FT-Raman and FTIR spectra, assignments and ab initio calculations of 2-aminobenzyl alcohol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 377-385.	3.9	28
97	FT-Raman and FT-IR spectra, vibrational assignments and density functional studies of 5-bromo-2-nitropyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2995-3001.	3.9	388
98	FTIR, FT-Raman spectra and ab initio DFT vibrational analysis of 2-bromo-4-methyl-phenylamine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 740-751.	3.9	101
99	Vibrational spectra, assignments and normal coordinate analysis of 2-amino-5-bromopyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1113-1118.	3.9	15
100	Vibrational spectra, assignments and normal coordinate analysis of 3-aminobenzyl alcohol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2511-2517.	3.9	51
101	Vibrational spectra, assignments and normal coordinate calculation of acrylamide. <i>Talanta</i> , 2001, 54, 233-241.	5.5	31
102	FTIR and Raman studies on benzimidazole. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1991, 47, 1111-1115.	0.1	176