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## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/335430/publications.pdf

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|---|---|---|---|
| 11 papers | 134 citations | 1684188 5 h-index | 1281871 11 g-index |
| 11 all docs | 11 docs citations | 11 times ranked | 137 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Novel green synthesis of S-doped TiO2 nanoparticles using Malva parviflora plant extract and their photocatalytic, antimicrobial and antioxidant activities under sunlight illumination. Chemosphere, 2021, 271, 129524. | 8.2 | 62 |
| 2 | Conformational stability, barriers to internal rotation of 2-aminothiophenol (d0 and d3): A combined vibrational and theoretical approach. Computational and Theoretical Chemistry, 2008, 865, 14-24. | 1.5 | 16 |
| 3 | Raman, infrared and NMR spectral analysis, normal coordinate analysis and theoretical calculations of 5-(methylthio)-1,3,4-thiadiazole-2(3H)-thione and its thiol tautomer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 339-349. | 3.9 | 16 |
| 4 | Infrared, Raman and NMR spectra, conformational stability, normal coordinate analysis and B3LYP calculations of 5-amino-4-cyano-3-(methylthio)-1H-pyrazole-1-carbothioamide. Journal of Molecular Structure, 2011, 985, 277-291. | 3.6 | 15 |
| 5 | Analysis of UV and vibrational spectra (FT-IR and FT-Raman) of hexachlorocyclotriphosphazene based on normal coordinate analysis, MP2 and DFT calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 105, 446-455. | 3.9 | 9 |
| 6 | <scp>2â€Hydroxyâ€5â€nitropyridine and 5â€nitroâ€2â€pyridone: Tautomerism, infrared, Raman, and NMR spectral interpretations, normal coordinate analysis, and DFT calculations</scp>. Journal of the Chinese Chemical Society, 2021, 68, 1863-1879. | 1.4 | 5 |
| 7 | Computational studies, NMR, Raman and infrared spectral analysis of centrosymmetric (2Z,4Z)-Hexa-2,4-dienedinitrile. Journal of Theoretical and Computational Chemistry, 2019, 18, 1950011. | 1.8 | 3 |
| 8 | Raman, DRIFT and ATR-IR spectra, corrosion inhibition, DFT and solid-state calculations of 4-amino-3-choloro-2,5,6-trifluoropyridine. Journal of Molecular Structure, 2020, 1207, 127837. | 3.6 | 3 |
| 9 | Computational (DFT and MP2) and spectral interpretations, normal coordinate analysis, force constants and barriers to internal rotations of Trimethylacetonitrile. Journal of Theoretical and Computational Chemistry, 2016, 15, 1650034. | 1.8 | 2 |
| 10 | Synthetic routes and vibrational analysis of 5-(4-Chlorophenyl) -3H-pyrazol-3-one molecule: Raman, Infrared and DFT calculations. Journal of Molecular Structure, 2021, 1245, 131036. | 3.6 | 2 |
| 11 | Raman, infrared and NMR spectra, vibrational assignments and quantum mechanical calculations of centrosymmetric 3,6-Dicholoro-1,2,4,5-tetrazine. Journal of Molecular Structure, 2019, 1178, 298-304. | 3.6 | 1 |