

# Halit MuÄlu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

387  
citations

623734

14  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

362  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Synthesis, characterization, quantum chemical calculations and evaluation of antioxidant properties of 1,3,4-thiadiazole derivatives including 2- and 3-methoxy cinnamic acids. <i>Journal of Molecular Structure</i> , 2017, 1134, 40-50.                   | 3.6 | 48        |
| 2  | Synthesis, characterization, quantum chemical calculations and antioxidant activity of new bis-isatin carbonylhydrazone and thiocarbonylhydrazone derivatives. <i>Journal of Molecular Structure</i> , 2019, 1196, 819-827.                                  | 3.6 | 30        |
| 3  | New 1,3,4-thiadiazoles based on thiophene-2-carboxylic acid: Synthesis, characterization, and antimicrobial activities. <i>Journal of Molecular Structure</i> , 2020, 1203, 127470.  | 3.6 | 24        |
| 4  | 1,2,3-Triazole substituted phthalocyanine metal complexes as potential inhibitors for anticholinesterase and antidiabetic enzymes with molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4429-4439.               | 3.5 | 24        |
| 5  | New $\hat{I}^2$ -isatin aldehyde-N,N $\hat{E}^2$ -thiocarbonylhydrazones: preparation, spectroscopic studies and DFT approach to antioxidant characteristics. <i>Research on Chemical Intermediates</i> , 2020, 46, 5417-5440.                               | 2.7 | 22        |
| 6  | Synthesis, spectroscopic studies, and antioxidant activities of novel thio/carbonylhydrazones and bis-isatin derivatives from terephthalaldehyde. <i>Turkish Journal of Chemistry</i> , 2020, 44, 237-248.   | 1.2 | 21        |
| 7  | Synthesis, characterization, and antioxidant activity of some new N4-arylsubstituted-5-methoxyisatin- $\hat{I}^2$ -thiosemicarbazone derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 2083-2098.   | 2.7 | 19        |
| 8  | A new series of asymmetric bis-isatin derivatives containing urea/thiourea moiety: Preparation, spectroscopic elucidation, antioxidant properties and theoretical calculations. <i>Journal of Molecular Structure</i> , 2021, 1239, 130495.                  | 3.6 | 19        |
| 9  | Determination of biological studies and molecular docking calculations of isatin-thiosemicarbazone hybrid compounds. <i>Journal of Molecular Structure</i> , 2022, 1264, 133249.   | 3.6 | 18        |
| 10 | New 1,3,4-thiadiazole compounds including pyrazine moiety: Synthesis, structural properties and antimicrobial features. <i>Journal of Molecular Structure</i> , 2017, 1139, 111-118.   | 3.6 | 17        |
| 11 | Exploring of antioxidant and antibacterial properties of novel 1,3,4-thiadiazole derivatives: Facile synthesis, structural elucidation and DFT approach to antioxidant characteristics. <i>Computational Biology and Chemistry</i> , 2022, 96, 107618.       | 2.3 | 17        |
| 12 | Preparation, antioxidant activity, and theoretical studies on the relationship between antioxidant and electronic properties of bis(thio/carbonylhydrazone) derivatives. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 164, 110618.              | 4.0 | 17        |
| 13 | Novel carbonylhydrazones including 5-substituted isatin: Synthesis, characterization, and quantum-chemical studies on the relationship between electronic and antioxidant properties. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 140, 109362. | 4.0 | 16        |
| 14 | Synthesis and Characterization of Some New Heteroaromatic Compounds Having Chirality Adjacent to a 1,3,4- $\hat{I}^2$ -thiadiazole Moiety and Their Antimicrobial Activities. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3578-3590.                | 2.6 | 14        |
| 15 | SPE and determination by FAAS of heavy metals using a new synthesized polymer resin in various water and dried vegetables samples. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 288-295.                                | 2.2 | 14        |
| 16 | Potential thiosemicarbazone-based enzyme inhibitors: Assessment of antiproliferative activity, metabolic enzyme inhibition properties, and molecular docking calculations. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23018.        | 3.0 | 14        |
| 17 | Synthesis and characterization of 1,3,4-thiadiazole compounds derived from 4-phenoxybutyric acid for antimicrobial activities. <i>Journal of Molecular Structure</i> , 2018, 1174, 151-159.  | 3.6 | 13        |
| 18 | Synthesis, structure characterization and quantum chemical study on relationship between structure and antioxidant properties of novel Schiff bases bearing (thio)/carbonylhydrazones. <i>Research on Chemical Intermediates</i> , 2021, 47, 4985-5005.      | 2.7 | 13        |

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|----|--|-----|-----------|
| 19 | Phthalocyanines including 2-mercaptobenzimidazole analogs: Synthesis, spectroscopic characteristics, quantum-chemical studies on the relationship between electronic and antioxidant properties. <i>Journal of Molecular Structure</i> , 2020, 1202, 127259. | 3.6 | 12        |
| 20 | New N,N'-bis(thioamido)thiocarbohydrazones and carbohydrazones: synthesis, structure characterization, antioxidant activity, corrosion inhibitors and DFT studies. <i>Research on Chemical Intermediates</i> , 2022, 48, 1593-1613.                          | 2.7 | 10        |
| 21 | Analysis of tautomeric equilibrium in (E)-4,6-dibromo-2-[(4-fluorophenylimino)methyl]-3-methoxyphenol compound. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 731-738.   | 3.9 | 5         |
| 22 | Synthesis and Characterization of Some New 1,3,4-thiadiazole Compounds Derived from 3,4-(Methylenedioxy)cinnamic Acid and their Antimicrobial Activities. <i>Letters in Organic Chemistry</i> , 2019, 16, 825-836.   | 0.5 | 0         |