

Anantha Lakshmi P V

List of Publications by Year in descending order

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27
papers

352
citations

933447

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839539

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docs citations

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times ranked

359
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis, characterization and thermogravimetric analysis of Co(II), Ni(II), Cu(II) and Zn(II) complexes supported by ONNO tetradentate Schiff base ligand derived from hydrazino benzoxazine. <i>Journal of Saudi Chemical Society</i> , 2017, 21, S457-S466. | 5.2 | 81 |
| 2 | Synthesis, characterization and antimicrobial activity of 3d transition metal complexes of a biambidentate ligand containing quinoxaline moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 52-57. | 3.9 | 40 |
| 3 | Copper-metformin ternary complexes: Thermal, photochemosensitivity and molecular docking studies. <i>Materials Science and Engineering C</i> , 2018, 90, 621-633. | 7.3 | 28 |
| 4 | Spectroscopic, quantum chemical calculations, antioxidant, anticancer, antimicrobial, DNA binding and photo physical properties of bioactive Cu(II) complexes obtained from trifluoromethoxy aniline Schiff bases. <i>Journal of Molecular Structure</i> , 2022, 1249, 131601. | 3.6 | 28 |
| 5 | Cobalt(II)â€“metformin complexes containing Î±â€“diimine/Î±â€“diamine as auxiliary ligand: DNA binding properties. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4074. | 3.5 | 16 |
| 6 | Synthesis and antibacterial activity of novel pyrano[2,3-d]pyrimidine-4-oneâ€“3-phenylisoxazole hybrids. <i>Russian Journal of General Chemistry</i> , 2017, 87, 829-836. | 0.8 | 14 |
| 7 | 1,2,3â€“Triazole Tagged 3<i>H</i>â€“Pyrano[2,3â€“<i>d</i>]pyrimidineâ€“6â€“carboxylate Derivatives: Synthesis, <i>in Vitro</i> Cytotoxicity, Molecular Docking and <sc>DNA</sc> Interaction Studies. <i>Chemistry and Biodiversity</i> , 2018, 15, e18000101. | 2.1 | 12 |
| 8 | Multispectroscopic DNA interaction and Docking studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4254. | 3.5 | 12 |
| 9 | Chromiumâ€“metformin ternary complexes: Thermal, DNA interaction and Docking studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5086. | 3.5 | 11 |
| 10 | Water Soluble Nickel â€“ metformin ternary complexes: Thermal, DNA binding and molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5351. | 3.5 | 11 |
| 11 | Synthesis, spectroscopic and thermal studies of Cu⁺², Ni⁺² and Co⁺³ complexes of Schiff base containing furan moiety. Antitumor, antioxidant, antibacterial and DNA interaction studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, . | 3.5 | 11 |
| 12 | Synthesis, Characterization and Antimicrobial Activity of Oxovanadium(IV) Complexes of Schiff Base Hydrazones Containing Quinoxaline Moiety. <i>Chinese Journal of Chemistry</i> , 2012, 30, 935-940. | 4.9 | 10 |
| 13 | Investigation of DNA binding and bioactivities of furan cored Schiff base Cu (II), Ni (II), and Co (III) complexes: Synthesis, characterization and spectroscopic properties. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6326. | 3.5 | 10 |
| 14 | A Treatise on Furan Cored Schiff Base Cu(II), Ni(II) and Co(III) Complexes Accentuating Their Biological Efficacy: Synthesis, Thermal and Spectroscopic Characterization, DNA Interactions, Antioxidant and Antibacterial Activity Studies. <i>Chemistry and Biodiversity</i> , 2022, 19, e202100686. | 2.1 | 10 |
| 15 | Transition metal complexes supported by ONNN/ONNS bis-bidentate benzoxazine Schiff base: Synthesis, characterization, geometry optimization and non-isothermal kinetic parameters. <i>Journal of Molecular Structure</i> , 2019, 1176, 798-814. | 3.6 | 9 |
| 16 | Ternary Cobalt(II), Nickel(II), and Copper(II) complexes containing metformin and ethylenediamine: Synthesis, characterization, thermal, in vitro DNA binding, in silico molecular docking, and in vivo antihyperglycemic studies. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6100. | 3.5 | 9 |
| 17 | Synthesis and antimicrobial activity of novel 1,4,5-triphenyl-1H-imidazol-[1,2,3]-triazole derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 589-594. | 1.0 | 8 |
| 18 | Crystallographic Studies of Eletriptan Hydrobromide: Î±-Form, Î²-Form and its Physicochemical Characterisation. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 570, 128-147. | 0.9 | 7 |

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|----|--|-----|-----------|
| 19 | Synthesis and molecular docking studies of novel 1,2,3-triazole ring-containing 4-(1,4,5-triphenyl-1H-imidazol-2-yl)phenol derivatives as COX inhibitors. <i>Research on Chemical Intermediates</i> , 2018, 44, 455-467. | 2.7 | 7 |
| 20 | Nickelâ€“Metformin Ternary Complexes: Geometrical, Thermal, DNA Binding, and Molecular Docking Studies. <i>Biological Trace Element Research</i> , 2022, 200, 5351-5364. | 3.5 | 4 |
| 21 | A facile greener synthesis, antimicrobial evaluation and molecular modelling of new 4-aryl-2-(3-(2-(trifluoromethyl)phenyl)-1,8-naphthyridin-2-yl)phthalazin-1(2H)-one derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 2007-2022. | 2.7 | 3 |
| 22 | Synthesis and Docking Studies of Novel Carbazole-Thiazolidinedione Hybrid Derivatives as Antibacterial Agents. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 166-173. | 1.0 | 3 |
| 23 | Novel metformin complexes: Geometry optimization, nonâ€“isothermal kinetic parameters, DNA binding, onâ€“off light switching and docking studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, . | 3.5 | 3 |
| 24 | Synthesis and antimicrobial activity of novel 5-[(1H-indol-3-yl)methylene]thiazolidine-2,4-dioneâ€“[1,2,3]triazole hybrids. <i>Russian Journal of General Chemistry</i> , 2017, 87, 316-321. | 0.8 | 2 |
| 25 | Synthesis and molecular docking studies of novel 2-phenyl-4-{4-[(1-phenyl-1H-1,2,3-triazol-4-yl)methoxy]benzylidene}oxazol-5(4H)-one derivatives. <i>Russian Journal of General Chemistry</i> , 2017, 87, 1057-1063. | 0.8 | 1 |
| 26 | Synthesis, biological evaluation and molecular docking studies of novel 2-(2-cyanophenyl)-N-phenylacetamide derivatives. <i>Research on Chemical Intermediates</i> , 2018, 44, 5467-5481. | 2.7 | 1 |
| 27 | Metformin-Derived Water-Soluble Cobalt Complexes: Thermal, Spectroscopic, DNA Interaction, and Molecular Docking Studies. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 2650. | 2.9 | 1 |