

Anantha Lakshmi P V

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
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	Chromiumâ€“metformin ternary complexes: Thermal, DNA interaction and Docking studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5086.	3.5	11
12	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
13	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
14	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
15	1,2,3â€“Triazole Tagged 3-Hâ€“Pyrano[2,3â€“d]pyrimidineâ€“carboxylate Derivatives: Synthesis, in Vitro Cytotoxicity, Molecular Docking and DNA Interaction Studies. <i>Chemistry and Biodiversity</i> , 2018, 15, e18000101.	2.1	12
16	Multispectroscopic DNA interaction and Docking studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4254.	3.5	12
17	Cobalt(II)â€“metformin complexes containing 1,2-diimine/1,2-diamine as auxiliary ligand: DNA binding properties. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4074.	3.5	16
18	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

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19	Copper-metformin ternary complexes: Thermal, photochemosensitivity and molecular docking studies. <i>Materials Science and Engineering C</i> , 2018, 90, 621-633.	7.3	28
20	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
21	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
22	Synthesis and antibacterial activity of novel pyrano[2,3-d]pyrimidine-4-one-3-phenylisoxazole hybrids. <i>Russian Journal of General Chemistry</i> , 2017, 87, 829-836.	0.8	14
23	Synthesis and antimicrobial activity of novel 5-[(1H-indol-3-yl)methylene]thiazolidine-2,4-dione-1,2,3-triazole hybrids. <i>Russian Journal of General Chemistry</i> , 2017, 87, 316-321.	0.8	2
24	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
25	Crystallographic Studies of Eletriptan Hydrobromide: $\hat{1}$ -Form, $\hat{2}$ -Form and its Physicochemical Characterisation. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 570, 128-147.	0.9	7
26	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
27	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