Aditya P Koley

List of Publications by Year
in descending order

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21	686	687363 13	713466 21
papers	citations	h-index	g-index

22	22	22	682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, characterization, crystal structure, DNA and human serum albumin interactions, as well as antiproliferative activity of a Cu(II) complex containing a Schiff base ligand formed in situ from the Cu(II)â€induced cyclization of 1,5â€bis(salicylidene)thiocarbohydrazide. Applied Organometallic Chemistry, 2021, 35, e6152.	3.5	11
2	Protein binding studies with human serum albumin, molecular docking and in vitro cytotoxicity studies using HeLa cervical carcinoma cells of Cu(<scp>ii</scp>)/Zn(<scp>ii</scp>) complexes containing a carbohydrazone ligand. Dalton Transactions, 2020, 49, 2947-2965.	3.3	33
3	Efficient hydrolytic cleavage of DNA and antiproliferative effect on human cancer cells by two dinuclear Cu(II) complexes containing a carbohydrazone ligand and 1,10-phenanthroline as a coligand. Journal of Biological Inorganic Chemistry, 2019, 24, 343-363.	2.6	17
4	Synthesis, DNA binding and in vitro cytotoxicity studies of a mononuclear copper(II) complex containing N2S(thiolate)Cu core and 1,10-phenanthroline as a coligand. Inorganica Chimica Acta, 2019, 484, 219-226.	2.4	18
5	DNA binding and cytotoxicity of two Cu(II) complexes containing a Schiff base ligand along with 1,10-phenanthroline or imidazole as a coligand. Inorganica Chimica Acta, 2018, 478, 211-221.	2.4	30
6	DNA binding and cytotoxicity of some Cu(II)/Zn(II) complexes containing a carbohydrazone Schiff base ligand along with 1,10-phenanthroline as a coligand. Inorganica Chimica Acta, 2017, 466, 538-550.	2.4	25
7	Spectroscopic, electrochemical and DNA binding studies of some monomeric copper(II) complexes containing N2S(thiolate)Cu core and N4S(disulfide)Cu core. Inorganica Chimica Acta, 2017, 456, 179-198.	2.4	21
8	Spectroscopic studies for the changes of a Cr(II) compound in solution triggered by the deprotonation of an aqua ligand. Journal of Coordination Chemistry, 2015, 68, 2065-2095.	2.2	0
9	A paramagnetic octahedraltrans-dihydroxy chromium(IV) complex with dianionic tetradentate Schiff base salophen and crystal structure of itstrans-diisothiocyanato analog. Journal of Coordination Chemistry, 2012, 65, 3623-3640.	2.2	5
10	Dioxygen binding and activation by a highly reactive Cr(II) compound containing S,N-donors derived from o-aminothiophenol. Journal of Coordination Chemistry, 2012, 65, 3329-3351.	2.2	2
11	Synthesis and characterization of a stable paramagnetic hexacoordinated oxochromium(IV) complex with dianionic tetradentate Schiff base ligand salen. Inorganica Chimica Acta, 2010, 363, 3798-3802.	2.4	7
12	Synthesis and characterization of two stable paramagnetic octahedral chromium(IV) complexes with dianionic tridentate SNO donor ligands and of a chromium(III) complex with a ONO donor ligand. Inorganica Chimica Acta, 2008, 361, 1485-1495.	2.4	28
13	Reduction of carboxylato-bound chromium(IV) by hydrazine. Journal of Chemical Research, 2000, 2000, 448-449.	1.3	1
14	Modification of Î±-Chain or Î²-Chain Heme Pocket Polarity by Val(E11) â† Thr Substitution Has Different Effects on the Steric, Dynamic, and Functional Properties of Human Recombinant Hemoglobin. Journal of Biological Chemistry, 1997, 272, 26271-26278.	3.4	12
15	Assembly of Human Hemoglobin. Journal of Biological Chemistry, 1997, 272, 3478-3486.	3.4	13
16	Differential Mechanisms of Cytochrome P450 Inhibition and Activation by Î±-Naphthoflavone. Journal of Biological Chemistry, 1997, 272, 3149-3152.	3.4	117
17	Drug-drug interactions: Effect of quinidine on nifedipine binding to human cytochrome P450 3A4. Biochemical Pharmacology, 1997, 53, 455-460.	4.4	51
18	Interaction of Polycyclic Aromatic Hydrocarbons with Human Cytochrome P450 1A1: A CO Flash Photolysis Study. Archives of Biochemistry and Biophysics, 1996, 336, 261-267.	3.0	7

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19	CO Binding Kinetics of Human Cytochrome P450 3A4. Journal of Biological Chemistry, 1995, 270, 5014-5018.	3.4	77
20	Studies on gold(II) complexes with hard and soft donor ligands. 2. Complexes with o-(methylthio)aniline and 1,2-bis((o-aminophenyl)thio)ethane. Inorganic Chemistry, 1992, 31, 305-311.	4.0	40
21	Chemistry of molybdenum with hard-soft donor ligands. 2. Molybdenum(VI), -(V), and -(IV) oxo complexes with tridentate Schiff base ligands. Inorganic Chemistry, 1989, 28, 3735-3742.	4.0	168