

# Aditya P Koley

## List of Publications by Year in descending order

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21  
papers

686  
citations

687363

13  
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713466

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22  
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22  
docs citations

22  
times ranked

682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry of molybdenum with hard-soft donor ligands. 2. Molybdenum(VI), -(V), and -(IV) oxo complexes with tridentate Schiff base ligands. <i>Inorganic Chemistry</i> , 1989, 28, 3735-3742.	4.0	168
2	Differential Mechanisms of Cytochrome P450 Inhibition and Activation by $\hat{1}\pm$ -Naphthoflavone. <i>Journal of Biological Chemistry</i> , 1997, 272, 3149-3152.	3.4	117
3	CO Binding Kinetics of Human Cytochrome P450 3A4. <i>Journal of Biological Chemistry</i> , 1995, 270, 5014-5018.	3.4	77
4	Drug-drug interactions: Effect of quinidine on nifedipine binding to human cytochrome P450 3A4. <i>Biochemical Pharmacology</i> , 1997, 53, 455-460.	4.4	51
5	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. <i>Inorganic Chemistry</i> , 1992, 31, 305-311.	4.0	40
6	Protein binding studies with human serum albumin, molecular docking and <i>in vitro</i> cytotoxicity studies using HeLa cervical carcinoma cells of Cu( $\text{N}_2\text{S}$ )/Zn( $\text{N}_2\text{S}$ ) complexes containing a carbohydrazone ligand. <i>Dalton Transactions</i> , 2020, 49, 2947-2965.	3.3	33
7	DNA binding and cytotoxicity of two Cu(II) complexes containing a Schiff base ligand along with 1,10-phenanthroline or imidazole as a coligand. <i>Inorganica Chimica Acta</i> , 2018, 478, 211-221.	2.4	30
8	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. <i>Inorganica Chimica Acta</i> , 2008, 361, 1485-1495.	2.4	28
9	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. <i>Inorganica Chimica Acta</i> , 2017, 466, 538-550.	2.4	25
10	Spectroscopic, electrochemical and DNA binding studies of some monomeric copper(II) complexes containing $\text{N}_2\text{S}$ (thiolate)Cu core and $\text{N}_4\text{S}$ (disulfide)Cu core. <i>Inorganica Chimica Acta</i> , 2017, 456, 179-198.	2.4	21
11	Synthesis, DNA binding and <i>in vitro</i> cytotoxicity studies of a mononuclear copper(II) complex containing $\text{N}_2\text{S}$ (thiolate)Cu core and 1,10-phenanthroline as a coligand. <i>Inorganica Chimica Acta</i> , 2019, 484, 219-226.	2.4	18
12	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. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 343-363.	2.6	17
13	Assembly of Human Hemoglobin. <i>Journal of Biological Chemistry</i> , 1997, 272, 3478-3486.	3.4	13
14	Modification of $\hat{1}\pm$ -Chain or $\hat{1}^2$ -Chain Heme Pocket Polarity by Val(E11) $\hat{1}\pm$ Thr Substitution Has Different Effects on the Steric, Dynamic, and Functional Properties of Human Recombinant Hemoglobin. <i>Journal of Biological Chemistry</i> , 1997, 272, 26271-26278.	3.4	12
15	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 <i>in situ</i> from the Cu(II)-induced cyclization of 1,5-bis(salicylidene)thiocarbohydrazone. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6152.	3.5	11
16	Interaction of Polycyclic Aromatic Hydrocarbons with Human Cytochrome P450 1A1: A CO Flash Photolysis Study. <i>Archives of Biochemistry and Biophysics</i> , 1996, 336, 261-267.	3.0	7
17	Synthesis and characterization of a stable paramagnetic hexacoordinated oxochromium(IV) complex with dianionic tetradentate Schiff base ligand salen. <i>Inorganica Chimica Acta</i> , 2010, 363, 3798-3802.	2.4	7
18	A paramagnetic octahedral <i>trans</i> -dihydroxy chromium(IV) complex with dianionic tetradentate Schiff base salophen and crystal structure of its <i>trans</i> -diisothiocyanato analog. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3623-3640.	2.2	5

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19	Dioxygen binding and activation by a highly reactive Cr(II) compound containing S,N-donors derived from o-aminothiophenol. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3329-3351.	2.2	2
20	Reduction of carboxylato-bound chromium(IV) by hydrazine. <i>Journal of Chemical Research</i> , 2000, 2000, 448-449.	1.3	1
21	Spectroscopic studies for the changes of a Cr(II) compound in solution triggered by the deprotonation of an aqua ligand. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2065-2095.	2.2	0