Tapas Ghosh

List of Publications by Year
in descending order

25	525	623699 14	642715 23
papers	citations	h-index	g-index

25	25	25	523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A family of amphiphilic dioxidovanadium(V) hydrazone complexes as potent carbonic anhydrase inhibitors along with anti-diabetic and cytotoxic activities. BioMetals, 2022, 35, 499-517.	4.1	2
2	Insights into the transformation of VO2+ motif to VO3+, V2O34+ and VO2+ motifs and their interconversion along with a detailed mechanistic study of their anti-cancer activity in SiHa cervical cancer cells. Journal of Inorganic Biochemistry, 2022, 234, 111900.	3.5	0
3	Simultaneous formation of non-oxidovanadium(<scp>iv</scp>) and oxidovanadium(<scp>v</scp>) complexes incorporating phenol-based hydrazone ligands in aerobic conditions. New Journal of Chemistry, 2020, 44, 3700-3716.	2.8	9
4	Synthesis, characterization, and cytotoxic and antimicrobial activities of mixed-ligand hydrazone complexes of variable valence VO^{z+}(z= 2, 3). New Journal of Chemistry, 2019, 43, 16714-16729.	2.8	4
5	Structure-activity relationship on DNA binding and anticancer activities of a family of mixed-ligand oxidovanadium(V) hydrazone complexes. Journal of Biomolecular Structure and Dynamics, 2018, 36, 4143-4155.	3.5	29
6	Exploring the effect of substituent in the hydrazone ligand of a family of Î¼-oxidodivanadium(v) hydrazone complexes on structure, DNA binding and anticancer activity. Dalton Transactions, 2017, 46, 16276-16293.	3.3	19
7	Exploring the effect of hydroxylic and non-hydroxylic solvents on the reaction of [VIVO(Î²-diketonate)2] with 2-aminobenzoylhydrazide in aerobic and anaerobic conditions. Dalton Transactions, 2017, 46, 10963-10985.	3.3	8
8	Synthesis of mixed-ligand complexes of VO²⁺ and VO³⁺ incorporating hydrazone, 1,10-phenanthroline and 8-hydroxyquinoline. Journal of Coordination Chemistry, 2016, 69, 318-329.	2.2	4
9	A family of mixed-ligand oxidovanadium(<scp>v</scp>) complexes with aroylhydrazone ligands: a combined experimental and computational study on the electronic effects of para substituents of hydrazone ligands on the electronic properties, DNA binding and nuclease activities. RSC Advances, 2015, 5, 92456-92472.	3.6	21
10	Electronic effects of para substituents of 2-hydroxybenzaldehyde co-ligands in a family of hydrazonato-oxidovanadium(v) complexes. RSC Advances, 2014, 4, 22022.	3.6	8
11	Chemistry of mixed-ligand complexes with variable valence VOz+ (z=2, 3) incorporating pentadentate hydrazone ligands. Polyhedron, 2012, 48, 264-270.	2.2	11
12	Synthesis, structure and solution chemistry of dioxidovanadium(V) complexes with a family of hydrazone ligands. Evidence of formation of centrosymmetric dimers via H-bonds in the solid state. Inorganica Chimica Acta, 2010, 363, 2296-2306.	2.4	29
13	Synthesis, structure and solution chemistry of quaternary oxovanadium(V) complexes incorporating hydrazone ligands. Inorganica Chimica Acta, 2009, 362, 3303-3308.	2.4	32
14	Synthesis, structure and solution chemistry of a family of dinuclear hydrazonato-vanadium(V) complexes with [OV(Î¼-O)VO]4+ core. Polyhedron, 2008, 27, 2193-2201.	2.2	33
15	Chemistry of mixed-ligand methoxy bonded oxidovanadium(V) complexes with a family of hydrazone ligands containing VO3+ core and their substituent controlled methoxy-bridged dimeric forms. Polyhedron, 2008, 27, 3197-3206.	2.2	34
16	A Study on the Electronic Effect of para-substituents in the Aryloxy Ring of the Hydrazone Ligands on the Vanadium Centre in the mixed-ligand [VIVO(ONO)(NN)] families. Journal of Chemical Research, 2007, 2007, 407-410.	1.3	7
17	Synthesis, structure, solution chemistry and the electronic effect of para substituents on the vanadium center in a family of mixed-ligand [VVO(ONO)(ON)] complexes. Inorganica Chimica Acta, 2007, 360, 1753-1761.	2.4	86
18	A study on the electronic effect of para substituents in the aryloxy ring of the hydrazone ligands on the vanadium centre in a family of mixed-ligand [VVO(ONO)(OO)] complexes. Transition Metal Chemistry, 2007, 32, 468-474.	1.4	11

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19	Dioxovanadium(V) Complexes Incorporating Tridentate ONO Donor Hydrazone Ligands Derived from Acetylhydrazide and 2-hydroxybenzaldehyde/2-hydroxyacetophenone. Synthesis, Characterization and Reactivity. Transition Metal Chemistry, 2006, 31, 560-565.	1.4	22
20	Synthesis, structure and solution chemistry of mixed-ligand oxovanadium(IV) and oxovanadium(V) complexes incorporating tridentate ONO donor hydrazone ligands. Inorganica Chimica Acta, 2005, 358, 989-996.	2.4	67
21	A family of mixed-ligand oxovanadium(V) complexes incorporating tridentate ONO donor hydrazone ligands derived from acetylhydrazide and 2-hydroxybenzaldehyde/2-hydroxyacetophenone. Transition Metal Chemistry, 2005, 30, 419-425.	1.4	19
22	Synthesis, Spectral and Electrochemical Studies of Mixed-Ligand Oxovanadium(IV) and Oxovanadium(V) Complexes Incorporating the Tridentate ONO Donor Schiff Base Derived from Acetylacetone and Benzoylhydrazine. Transition Metal Chemistry, 2004, 29, 444-450.	1.4	19
23	Ligand controlled synthesis of mixed-ligand oxovanadium(V) and oxovanadium(IV) complexes. Journal of Chemical Research, 2004, 2004, 350-352.	1.3	1
24	Title is missing!. Transition Metal Chemistry, 2002, 27, 89-94.	1.4	31
25	Synthesis, structure and metal redox of alkoxide bound oxovanadium(V) complexes incorporating N-salicylidene/N-naphthalidene-Î±-aminoalcohols. Polyhedron, 1997, 16, 4179-4186.	2.2	19