

Hanaa A Hassanin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5143565/publications.pdf>

Version: 2024-02-01

15
papers

202
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Studies on the Reaction between R_2NO and Aquacobalamin: Evidence for Direct Transfer of a Nitroxyl Group from R_2NO to Cobalt(III) Centers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8909-8913.	13.8	36
2	NMR spectroscopy and molecular modelling studies of nitrosylcobalamin: further evidence that the deprotonated, base-off form is important for nitrosylcobalamin in solution. <i>Dalton Transactions</i> , 2009, , 424-433.	3.3	23
3	Redetermination of the X-ray structure of nitrosylcobalamin: base-on nitrosylcobalamin exhibits a remarkably long Co–N(dimethylbenzimidazole) bond distance. <i>Dalton Transactions</i> , 2010, 39, 10626.	3.3	23
4	Kinetic and Mechanistic Studies on the Reaction of the Vitamin B ₁₂ Complex Aquacobalamin with the HNO Donor Angeli's Salt: Angeli's Salt and HNO React with Aquacobalamin. <i>Inorganic Chemistry</i> , 2014, 53, 1570-1577.	4.0	23
5	Kinetic and Mechanistic Studies on the Reactions of the Reduced Vitamin B ₁₂ Complex Cob(I)alamin with Nitrite and Nitrate. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 913-921.	2.0	17
6	Novel bio-mediated Ag/Co ₃ O ₄ nanocomposites of different weight ratios using aqueous neem leaf extract: Catalytic and microbial behaviour. <i>Ceramics International</i> , 2021, 47, 3099-3107.	4.8	16
7	Partial charge transfer contribution to the solvent isotope effect and photosensitized generation of singlet oxygen, $O_2(^1\Delta_g)$, by substituted ruthenium(ii) bipyridyl complexes in aqueous media. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1330-1337.	2.9	15
8	Modified activated carbon loaded with bio-synthesized Ag/ZnO nanocomposite and its application for the removal of Cr (VI) ions from aqueous solution. <i>Surfaces and Interfaces</i> , 2021, 23, 100928.	3.0	12
9	Removal and characterisation of Pb(II) ions by xylenol orange-loaded chitosan: equilibrium studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6257-6269.	3.3	8
10	Adsorptive removal of vitamin B ₆ and ciprofloxacin using polyurethane foam in pure and pharmaceutical preparations: Kinetic and equilibrium studies. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 878-887.	1.4	6
11	The effects of ligand decomposition on the pseudo first-order profile of a ligand substitution reaction: a silent killer in the background. <i>New Journal of Chemistry</i> , 2012, 36, 1408.	2.8	4
12	Investigation on the interaction of riboflavin with aquacobalamin (Vitamin B ₁₂): A fluorescence quenching study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 430, 113968.	3.9	4
13	Sonochemical-Assisted Biogenic Synthesis of Theophrasite \hat{I}^2 -Ni(OH) ₂ Nanocluster Using Chia Seeds Extract: Characterization and Anticancer Activity. <i>Nanomaterials</i> , 2022, 12, 1919.	4.1	4
14	Ligand-substitution reactions of hydrophobic vitamin B ₁₂ derivatives: reaction of cobyrinic acid heptamethyl ester with azoles. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2431-2439.	2.2	2
15	Luminescence Quenching of Ru(II)-Diimine Complexes with Cr(VI) Ions: Steady-State and Time-Resolved Studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, , 113635.	3.9	2