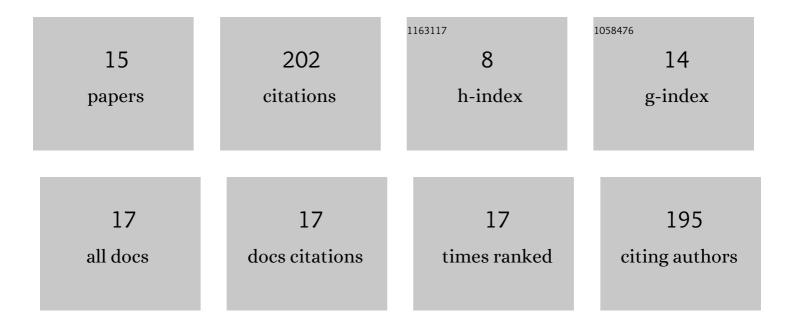
Hanaa A Hassanin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mechanistic Studies on the Reaction between R ₂ Nâ€NONOates and Aquacobalamin: Evidence for Direct Transfer of a Nitroxyl Group from R ₂ Nâ€NONOates to Cobalt(III) Centers. Angewandte Chemie - International Edition, 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. Dalton Transactions, 2009, , 424-433.	3.3	23
3	Redetermination of the X-ray structure of nitroxylcobalamin: base-on nitroxylcobalamin exhibits a remarkably long Co–N(dimethylbenzimidazole) bond distance. Dalton Transactions, 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. Inorganic Chemistry, 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. European Journal of Inorganic Chemistry, 2012, 2012, 913-921.	2.0	17
6	Novel bio-mediated Ag/Co3O4 nanocomposites of different weight ratios using aqueous neem leaf extract: Catalytic and microbial behaviour. Ceramics International, 2021, 47, 3099-3107.	4.8	16
7	Partial charge transfer contribution to the solvent isotope effect and photosensitized generation of singlet oxygen, O2(1î''g), by substituted ruthenium(ii) bipyridyl complexes in aqueous media. Photochemical and Photobiological Sciences, 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. Surfaces and Interfaces, 2021, 23, 100928.	3.0	12
9	Removal and characterisation of Pb(II) ions by xylenol orange-loaded chitosan: equilibrium studies. International Journal of Environmental Analytical Chemistry, 2022, 102, 6257-6269.	3.3	8
10	Adsorptive removal of vitamin <scp>B₆</scp> and ciprofloxacin using polyurethane foam in pure and pharmaceutical preparations: Kinetic and equilibrium studies. Journal of the Chinese Chemical Society, 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. New Journal of Chemistry, 2012, 36, 1408.	2.8	4
12	Investigation on the interaction of riboflavin with aquacobalamin (Vitamin B12): A fluorescence quenching study. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, 113968.	3.9	4
13	Sonochemical-Assisted Biogenic Synthesis of Theophrasite β-Ni(OH)2 Nanocluster Using Chia Seeds Extract: Characterization and Anticancer Activity. Nanomaterials, 2022, 12, 1919.	4.1	4
14	Ligand-substitution reactions of hydrophobic vitamin B ₁₂ derivatives: reaction of cobyric acid heptamethyl ester with azoles. Journal of Coordination Chemistry, 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. Journal of Photochemistry and Photobiology A: Chemistry, 2021, , 113635.	3.9	2