

Marta Chrzanowska

List of Publications by Year in descending order

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13
papers

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1478505

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of water substitution at Ru^{II} complexes by conceptual density function theory approach. <i>Journal of Computational Chemistry</i> , 2022, 43, 1161-1175.	3.3	2
2	Oxidoreductase mimicking activity of $\text{Ru}(\text{edta})$ complexes in conversion of NAD coenzymes. <i>Polyhedron</i> , 2022, 221, 115872.	2.2	3
3	Tuning the lability of a series of $\text{Ru}(\text{II})$ polypyridyl complexes: a comparison of experimental-kinetic and DFT-predicted reaction mechanisms. <i>Journal of Coordination Chemistry</i> , 2021, 74, 433-443.	2.2	3
4	$\text{Ru}^{\text{III}}(\text{edta})$ complexes as molecular redox catalysts in chemical and electrochemical reduction of dioxygen and hydrogen peroxide: inner-sphere versus outer-sphere mechanism. <i>RSC Advances</i> , 2021, 11, 21359-21366.	3.6	7
5	Reaction mechanisms relevant to the formation and utilization of $[\text{Ru}(\text{edta})(\text{NO})]$ complexes in aqueous media. <i>Journal of Inorganic Biochemistry</i> , 2021, 225, 111595.	3.5	6
6	Inorganic reaction mechanisms. A personal journey. <i>Dalton Transactions</i> , 2020, 49, 4599-4659.	3.3	9
7	Steric and electronic tuning of the reactivity of $[\text{Ru}^{\text{II}}(\text{terpy})(\text{N}^{\text{N}}\text{Cl})\text{Cl}]$ complexes. <i>Inorganica Chimica Acta</i> , 2020, 504, 119449.	2.4	14
8	Can a Nonorganometallic Ruthenium(II) Polypyridylamine Complex Catalyze Hydride Transfer? Mechanistic Insight from Solution Kinetics on the Reduction of Coenzyme NAD^+ by Formate. <i>Inorganic Chemistry</i> , 2020, 59, 14944-14953.	4.0	5
9	Systematic tuning of the reactivity of $[\text{Ru}^{\text{II}}(\text{terpy})(\text{N}^{\text{N}}\text{Cl})\text{Cl}]$ complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1761-1777.	2.2	11
10	Redox Equilibration Observed for the Reduction of a Ruthenium(III) Complex by Ascorbate under Low Driving Force Conditions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3275-3284.	2.0	4
11	Structure and reactivity of $[\text{Ru}^{\text{II}}(\text{terpy})(\text{N}^{\text{N}}\text{Cl})\text{Cl}]$ complexes: consequences for biological applications. <i>Dalton Transactions</i> , 2017, 46, 10264-10280.	3.3	24
12	Mechanistic Complications Caused by Redox Equilibration: Ascorbate Reduction of a Ruthenium(III) Complex under Low Driving Force Conditions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5380-5386.	2.0	6
13	Synthesis and detailed characterization of <i>cis</i> -dichloridobispicolinaruthenate(III) as solid and in solution. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2107-2120.	2.2	9