## The Biologically Relevant Coordination Chemistry of Ire Structure and Reactivity

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**Citation Report** 

#	Article	IF	CITATIONS
1	Why intermolecular nitric oxide (NO) transfer? Exploring the factors and mechanistic aspects of NO transfer reaction. Chemical Science, 2022, 13, 1706-1714.	7.4	5
2	Synthesis and characterization of a model complex for flavodiiron NO reductases that stabilizes a diiron mononitrosyl complex. Journal of Inorganic Biochemistry, 2022, 229, 111723.	3.5	3
3	Controlling the Direction of <i>S</i> -Nitrosation versus Denitrosation: Reversible Cleavage and Formation of an S–N Bond within a Dicopper Center. Journal of the American Chemical Society, 2022, 144, 2867-2872.	13.7	5
4	Simultaneous binding of heme and Cu with amyloid $\hat{I}^2$ peptides: active site and reactivities. Dalton Transactions, 2022, 51, 4986-4999.	3.3	7
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6	Albumin as a prospective carrier of the nitrosyl iron complex with thiourea and thiosulfate ligands under aerobic conditions. Dalton Transactions, 2022, 51, 6473-6485.	3.3	6
7	Defenses of multidrug resistant pathogens against reactive nitrogen species produced in infected hosts. Advances in Microbial Physiology, 2022, 80, 85-155.	2.4	6
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9	Formation of polynuclear iron(III) complexes of N-(2-pyridylmethyl)iminodipropanol depending on pseudohalide ions: synthesis, crystal structure, and magnetic properties. Journal of Industrial and Engineering Chemistry, 2022, , .	5.8	0
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13	Characterization of a Half-Bent RuNO Mode on a Dinuclear Ruthenium Complex through Reduction Reaction. Bulletin of the Chemical Society of Japan, 2022, 95, 1214-1216.	3.2	0
14	Cu <sup>II</sup> Lewis Acid, Proton-Coupled Electron Transfer Mechanism for Cu-Metal–Organic Framework-Catalyzed NO Release from <i>S</i> -Nitrosoglutathione. ACS Catalysis, 2022, 12, 8055-8068.	11.2	5
15	Structural characterization of the water-soluble porphyrin complexes [FeII(TPPS) (NO•)]4─ and [μ-O-([FeIII(TPPS)])2]8─. Heliyon, 2022, 8, e09555.	3.2	0
16	Anionic dinitrosyl iron complexes – new nitric oxide donors with selective toxicity to human glioblastoma cells. Journal of Molecular Structure, 2022, 1266, 133506.	3.6	3
17	Visible-light NO photolysis of ruthenium nitrosyl complexes with N <sub>2</sub> O <sub>2</sub> ligands bearing l€-extended rings and their photorelease dynamics. Dalton Transactions, 2022, 51, 11404-11415.	3.3	1
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19	NO Coupling at Copper to <i>cis</i> -Hyponitrite: N <sub>2</sub> O Formation via Protonation and H-Atom Transfer. Journal of the American Chemical Society, 2022, 144, 15093-15099.	13.7	5
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24	Nitrosylation of ferric zebrafish nitrobindin: A spectroscopic, kinetic, and thermodynamic study. Journal of Inorganic Biochemistry, 2022, , 111996.	3.5	4
25	The crystal structure of nitroxyl- <i>β</i> <i>N</i> -{hydridotris(3-trifluoromethyl-5-methylpyrazolyl-1-yl- <i>βN</i> <sup>3</sup> )borato}nickel(II), C <sub>15</sub> H <sub>13</sub> BF <sub>9</sub> N <sub>7</sub> NiO. Zeitschrift Fur Kristallographie - New Crystal Structures, 2022	0.3	0
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32	Recent progress in nitric oxide-generating nanomedicine for cancer therapy. Journal of Controlled Release, 2022, 352, 179-198.	9.9	14
33	Positive (Regulatory) and Negative (Cytotoxic) Effects of Dinitrosyl Iron Complexes on Living Organisms. Biochemistry (Moscow), 2022, 87, 1367-1386.	1.5	4
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38	Research into Dinitrosyl Iron Complexes in Living Organisms Through EPR as an Example of Applying this Method in Biology: A Review. Applied Magnetic Resonance, 2023, 54, 289-309.	1.2	2
39	Electronic Configurations and the Effect of Peripheral Substituents of (Nitrosyl)iron Corroles. Inorganic Chemistry, 2022, 61, 20385-20396.	4.0	0
40	Role of Nitric Oxide-Derived Metabolites in Reactions of Methylglyoxal with Lysine and Lysine-Rich Protein Leghemoglobin. International Journal of Molecular Sciences, 2023, 24, 168.	4.1	3
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52	Accurate non-covalent interaction energies on noisy intermediate-scale quantum computers <i>via</i> second-order symmetry-adapted perturbation theory. Chemical Science, 2023, 14, 3587-3599.	7.4	4
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<ul> <li>66</li> <li>67</li> <li>68</li> <li>69</li> <li>70</li> </ul>	NO Reactions Inside Crystals. European Journal of Inorganic Chemistry, 0, , .         Modeling Reactivity of Nitrite and Nitrous Acid at a Phenolate Bridged Dizinc(II) Site: Insights into NO Signaling at Zinc. Chemistry - A European Journal, 2023, 29, .         Elucidation of the Electrocatalytic Nitrite Reduction Mechanism by Bio-Inspired Copper Complexes. ACS Catalysis, 2023, 13, 10094-10103.         Electron paramagnetic resonance (EPR) for investigating relevant players of redox reactions: Radicals, metalloproteins and transition metal ions. , 2023, 5-6, 100009.         Nitric oxide binding to ferrous nitrobindins: A computer simulation investigation. Journal of Inorganic Biochemistry, 2023, 248, 112336.	2.0 3.3 11.2 3.5	0 3 4 1
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