

Sarat Chandra Patra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Azo-oximate metal-carbonyl to metalcarboxylic acid <i>via</i> the intermediate Ir(III) radical congener: quest for co-ligand driven stability of open- and closed-shell complexes. Dalton Transactions, 2022, 51, 10121-10135.	3.3	3
2	Coligand driven diverse organometallation in benzothiazolyl-hydrazone derivatized pyrene: ortho vs. peri C-H activation. New Journal of Chemistry, 2020, 44, 1407-1417.	2.8	2
3	Ruthenocycles of benzothiazolyl and pyridyl hydrazones with ancillary PAHs: synthesis, structure, electrochemistry and antimicrobial activity. New Journal of Chemistry, 2020, 44, 11022-11034.	2.8	6
4	Polyaromatic hydrocarbon derivatized azo-oximes of cobalt(III) for the ligand-redox controlled electrocatalytic oxygen reduction reaction. New Journal of Chemistry, 2020, 44, 3737-3747.	2.8	7
5	Palladium(II) and platinum(II) complexes of glyoxalbis(N-aryl)osazone: molecular and electronic structures, anti-microbial activities and DNA-binding study. New Journal of Chemistry, 2019, 43, 9891-9901.	2.8	5
6	Rhodium(III) complex with pyrene-pyridyl-hydrazone: synthesis, structure, ligand redox, spectral characterization and DFT calculation. Journal of Chemical Sciences, 2019, 131, 1.	1.5	9
7	Synthesis, X-ray crystal structure, DFT calculations, spectroscopic characterization and redox behaviour of a rhodium(III) complex of an anthracene-pyridylhydrazone ligand. Transition Metal Chemistry, 2019, 44, 341-347.	1.4	4
8	Redox-active diaminoazobenzene complexes of rhodium(III): synthesis, structure and spectroscopic characterization. New Journal of Chemistry, 2018, 42, 5548-5555.	2.8	11
9	Ambient-Stable Bis-Azoaromatic-Centered Diradical [(L [•]) ₂ M(L [•]) ₂] Complexes of Rh(III): Synthesis, Structure, Redox, and Spin-Spin Interaction. Inorganic Chemistry, 2017, 56, 12764-12774.	4.0	11
10	Ruthenium, Rhodium, Osmium, and Iridium Complexes of Osazones (Osazones = Bis-Arylhydrazones of) Tj ETQq0 0,0 rgBT /Overlock 10	4.0	12
11	Ruthenium, osmium and rhodium complexes of 1,4-diaryl 1,4-diazabutadiene: radical versus non-radical states. Dalton Transactions, 2014, 43, 13731-13741.	3.3	11
12	Osazone Anion Radical Complex of Rhodium(III). Inorganic Chemistry, 2011, 50, 1331-1338.	4.0	14