

Subhas Samanta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent advances on the chemistry of transition metal complexes of 2-(aryloxy)pyridines and its arylamino derivatives. Dalton Transactions, 2012, 41, 2213.	3.3	90
2	Singlet Diradical Complexes of Ruthenium and Osmium: Geometrical and Electronic Structures and their Unexpected Changes on Oxidation. Inorganic Chemistry, 2008, 47, 1625-1633.	4.0	46
3	Introducing a New Azoaromatic Pincer Ligand. Isolation and Characterization of Redox Events in Its Ferrous Complexes. Inorganic Chemistry, 2014, 53, 4678-4686.	4.0	46
4	Oxidative <i>ortho</i> -C-N Fusion of Aniline by OsO ₄ . Isolation, Characterization of Oxo-Amido Osmium(VI) Complexes, and their Catalytic Activities for Oxidative C-C Bond Cleavage of Unsaturated Hydrocarbons. Inorganic Chemistry, 2008, 47, 11062-11070.	4.0	30
5	Effects of Ancillary Ligands on Redox and Chemical Properties of Ruthenium Coordinated Azoaromatic Pincer. Inorganic Chemistry, 2018, 57, 11995-12009.	4.0	29
6	Regioselective <i>ortho</i> Amination of Coordinated 2-(Aryloxy)pyridine. Isolation of Monoradical Palladium Complexes of a New Series of Azo-Aromatic Pincer Ligands. Inorganic Chemistry, 2015, 54, 11465-11476.	4.0	27
7	Redox Noninnocence in Coordinated 2-(Aryloxy)pyridines: Steric Control of Ligand-Based Redox Processes in Cobalt Complexes. Inorganic Chemistry, 2013, 52, 14040-14049.	4.0	25
8	Regioselective Knitting of Aniline <i>via</i> <i>ortho</i> -C-N Bond Fusion Using OsO ₄ as a Template. Journal of the American Chemical Society, 2009, 131, 924-925.	13.7	21
9	Azide-Alkyne "Click" Reaction in Water Using Parts-Per-Million Amine-Functionalized Azoaromatic Cu(I) Complex as Catalyst: Effect of the Amine Side Arm. Inorganic Chemistry, 2021, 60, 17537-17554.	4.0	14
10	Tuning of the <i>ortho</i> -C-N Bond-Formation Reactivity of Aniline Using Ruthenium(II) Templates. Inorganic Chemistry, 2011, 50, 3171-3173.	4.0	10
11	Dehydrogenation of amines in aryl-amine functionalized pincer-like nitrogen-donor redox non-innocent ligands <i>via</i> ligand reduction on a Ni(II) template. Dalton Transactions, 2020, 49, 6816-6831.	3.3	9
12	Polymerisation of styrene using pincer type amine functionalized azo aromatic complexes of Co(II) as catalysts. Dalton Transactions, 2022, 51, 1454-1463.	3.3	6
13	Irreversible Resistive State Switching in Devices with a Homoleptic Cobalt(II) Complex Active Layer. Chemistry - an Asian Journal, 2021, 16, 1545-1552.	3.3	4