

Kausikisankar Pramanik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impedance spectroscopy study of LaMnO ₃ modified BaTiO ₃ ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 164, 165-171.	3.5	99
2	Azo Anion Radical Complexes of Osmium and Related Nonradical Species. <i>Inorganic Chemistry</i> , 2000, 39, 195-199.	4.0	82
3	Isolation and Structure of the First Azo Anion Radical Complexes of Ruthenium. <i>Inorganic Chemistry</i> , 1998, 37, 5968-5969.	4.0	80
4	Chemistry of Metal-Bound Anion Radicals. A Family of Mono- and Bis(azopyridine) Chelates of Bivalent Ruthenium. <i>Inorganic Chemistry</i> , 2000, 39, 4332-4338.	4.0	60
5	Synthesis and characterisation of a pair of azo anion radicals bonded to ruthenium(ii). <i>Chemical Communications</i> , 1998, , 2103-2104.	4.1	47
6	Self-Assembled Tetra- and Pentanuclear Nickel(II) Aggregates From Phenoxido-Based Ligand -Bound {Ni ₂ } Fragments: Carboxylate Bridge Controlled Structures. <i>Inorganic Chemistry</i> , 2013, 52, 13894-13903.	4.0	46
7	Family of Mixed-Valence Oxovanadium(IV/V) Dinuclear Entities Incorporating N ₄ O ₃ -Coordinating Heptadentate Ligands: A Synthesis, Structure, and EPR Spectra. <i>Inorganic Chemistry</i> , 2005, 44, 703-708.	4.0	38
8	Chemistry of [Ru(tpy)(pap)(L ²⁺) _n] (tpy = 2,2',6',2''-terpyridine; pap = 2-(phenylazo)pyridine; L ²⁺ = Cl ⁻ , H ₂ O,) Tj ETQq0 0 0 oxidation of water to dioxygen by [Ru(tpy)(pap)(H ₂ O)] ²⁺ . <i>Polyhedron</i> , 1998, 17, 1525-1534.	2.2	35
9	RhCl ₃ -Assisted C-H and C-S Bond Scissions: Isomeric Self-Association of Organorhodium(III) Thiolato Complex. <i>Synthesis, Structure, and Electrochemistry. Inorganic Chemistry</i> , 2008, 47, 429-438.	4.0	35
10	Oligosaccharides through reactivity tuning: convergent synthesis of the trisaccharides of the steroid glycoside Sokodoside B isolated from marine sponge Erylus placenta. <i>Tetrahedron</i> , 2007, 63, 12310-12316.	1.9	32
11	Thioether-Coordinated Nickel Oxidation States. A Ni(II) Family Incorporating Hexadentate Thioether-Azo-Oxime Chelation. <i>Inorganic Chemistry</i> , 1997, 36, 3562-3564.	4.0	27
12	Mono, di and polynuclear Cu(II) azido complexes incorporating N,N,N reduced schiff base: syntheses, structure and magnetic behavior. <i>Inorganica Chimica Acta</i> , 2005, 358, 641-649.	2.4	26
13	Synthesis, Structure and Properties of a Mononuclear and an End-On Double Azido-Bridged Copper(II) Complex Incorporating an N,N,N,O-Coordinating Tripodal Ligand. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4633-4639.	2.0	25
14	Insight into luminescent bisazoaromatic CNN pincer palladacycle: synthesis, structure, electrochemistry and some catalytic applications in C-C coupling. <i>RSC Advances</i> , 2015, 5, 22544-22559.	3.6	23
15	Iridium-mediated C-S bond activation and transformation: organoiridium(III) thioether, thiolato, sulfinato and thyl radical compounds. <i>Synthesis, mechanistic, spectral, electrochemical and theoretical aspects. Dalton Transactions</i> , 2015, 44, 8625-8639.	3.3	23
16	Glycosylated N-Sulfonylamidines: Highly Efficient Copper-Catalyzed Multicomponent Reaction with Sugar Alkynes, Sulfonyl Azides, and Amines. <i>Journal of Organic Chemistry</i> , 2007, 72, 9753-9756.	3.2	22
17	Molecular and electronic structure of nonradical homoleptic pyridyl-azo-oxime complexes of cobalt(III) and the azo-oxime anion radical congener: an experimental and theoretical investigation. <i>Dalton Transactions</i> , 2014, 43, 5317-5334.	3.3	20
18	RhCl(PPH ₃) ₃ -mediated C-H oxyfunctionalization of pyrrolido-functionalized bisazoaromatic pincers: a combined experimental and theoretical scrutiny of redox-active and spectroscopic properties. <i>Dalton Transactions</i> , 2016, 45, 5720-5729.	3.3	18

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19	Iridium(III) Mediated Reductive Transformation of Closed-Shell Azo-Oxime to Open-Shell Azo-Imine Radical Anion: Molecular and Electronic Structure, Electron Transfer, and Optoelectronic Properties. <i>Inorganic Chemistry</i> , 2016, 55, 1461-1468.	4.0	16
20	1-(2-Pyridylazo)-2-naphtholate (PAN) complexes of rhodium(III): Synthesis, structure and spectral studies. <i>Polyhedron</i> , 2010, 29, 1015-1022.	2.2	13
21	Ambient-Stable Bis-Azoaromatic-Centered Diradical $[(L^{\supset})M(L^{\supset})]$ Complexes of Rh(III): Synthesis, Structure, Redox, and Spin-Spin Interaction. <i>Inorganic Chemistry</i> , 2017, 56, 12764-12774.	4.0	11
22	Redox-active diaminoazobenzene complexes of rhodium(III): synthesis, structure and spectroscopic characterization. <i>New Journal of Chemistry</i> , 2018, 42, 5548-5555.	2.8	11
23	Luminescent closed shell nickel(II) pyridyl-azo-oximates and the open shell anion radical congener: molecular and electronic structure, ligand redox behaviour and biological activity. <i>New Journal of Chemistry</i> , 2017, 41, 4157-4164.	2.8	8
24	Valence specific chelation of ruthenium to Schiff mono-bases of 2,6-diformyl-4methylphenol : synthesis and structure of trivalent salicylaldiminato species of coordination type RuN2O2PCl. <i>Polyhedron</i> , 1997, 16, 2951-2956.	2.2	7
25	Polyaromatic hydrocarbon derivatized azo-oximes of cobalt(III) for the ligand-redox controlled electrocatalytic oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2020, 44, 3737-3747.	2.8	7
26	Ruthenocycles of benzothiazolyl and pyridyl hydrazones with ancillary PAHs: synthesis, structure, electrochemistry and antimicrobial activity. <i>New Journal of Chemistry</i> , 2020, 44, 11022-11034.	2.8	6
27	Palladium(II) and platinum(II) complexes of glyoxalbis(N-aryl)osazone: molecular and electronic structures, anti-microbial activities and DNA-binding study. <i>New Journal of Chemistry</i> , 2019, 43, 9891-9901.	2.8	5
28	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. <i>Dalton Transactions</i> , 2022, 51, 10121-10135.	3.3	3
29	Monothioether Complexes of Osmium: The trans-[OsBr ₄ (SR) ₂] Family and mer-[OsBr ₃ (SR) ₃] Precursors. <i>Inorganic Chemistry</i> , 1998, 37, 5678-5680.	4.0	2
30	Coligand driven diverse organometallation in benzothiazolyl-hydrazone derivatized pyrene: ortho vs. peri C-H activation. <i>New Journal of Chemistry</i> , 2020, 44, 1407-1417.	2.8	2
31	Rhodium assisted peri-C-H activation in benzothiazolyl-hydrazone derivatized pyrene. <i>Polyhedron</i> , 2020, 179, 114352.	2.2	2
32	An insight into the coordination specificity of polyaromatic hydrocarbons (PAHs) grafted hydrazones towards rhodium(III). <i>Polyhedron</i> , 2021, 205, 115318.	2.2	2
33	Synthesis, photophysical properties and theoretical studies of pyrrole-based azoaromatic Zn(II) complexes in mixed aqueous medium. <i>Inorganica Chimica Acta</i> , 2021, 527, 120586.	2.4	2
34	Diarylazo-oxime complex of cobalt(III): synthesis, structure, ligand redox, DFT calculations and spectral characteristics. <i>Transition Metal Chemistry</i> , 2022, 47, 31-38.	1.4	2