

# Suman Kr Dey

## List of Publications by Year in descending order

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18  
papers

560  
citations

687363

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839539

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g-index

18  
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18  
docs citations

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times ranked

826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol oxidase and phenoxazinone synthase: Biomimetic functional models and mechanistic studies. <i>Coordination Chemistry Reviews</i> , 2016, 310, 80-115.	18.8	202
2	The synthesis, characterization and catecholase activity of dinuclear cobalt(II) complexes of an O-donor rich Schiff base ligand. <i>New Journal of Chemistry</i> , 2014, 38, 4985-4995.	2.8	62
3	Switching Closed-Shell to Open-Shell Phenalenyl: Toward Designing Electroactive Materials. <i>Journal of the American Chemical Society</i> , 2015, 137, 5955-5960.	13.7	47
4	Zero-Order Catechol Oxidase Activity by a Mononuclear Manganese(III) Complex Showing High Turnover Comparable to Catechol Oxidase Enzyme. <i>ChemCatChem</i> , 2013, 5, 3533-3537.	3.7	34
5	Copper(II) complex of methionine conjugated bis-pyrazole based ligand promotes dual pathway for DNA cleavage. <i>Dalton Transactions</i> , 2013, 42, 11709.	3.3	29
6	A hypoxia efficient imidazole-based Ru(II) arene anticancer agent resistant to deactivation by glutathione. <i>Dalton Transactions</i> , 2015, 44, 5969-5973.	3.3	23
7	A hydroquinone based palladium catalyst for room temperature nitro reduction in water. <i>RSC Advances</i> , 2014, 4, 35233-35237.	3.6	22
8	Mononuclear Ruthenium-Based Water Oxidation Catalyst Supported by Anionic, Redox-Non-Innocent Ligand: Heterometallic O-O Bond Formation via Radical Coupling Pathway. <i>Inorganic Chemistry</i> , 2020, 59, 1461-1470.	4.0	20
9	Photochemical Water-Splitting with Organomanganese Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 9954-9965.	4.0	18
10	Effect of glucosamine conjugation to zinc(II) complexes of a bis-pyrazole ligand: Syntheses, characterization and anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 131-142.	3.5	17
11	Influence of Solvent in Solvothermal Syntheses: Change of Nuclearity in Mixed Valence Coll/III Complexes of a O-Donor-rich Schiff Base Ligand. <i>Crystal Growth and Design</i> , 2015, 15, 706-717.	3.0	17
12	Investigation of 3d-transition metal acetates in the oxidation of substituted dioxolene and phenols. <i>Journal of Molecular Catalysis A</i> , 2015, 407, 93-101.	4.8	16
13	Structure and properties of metal complexes of a pyridine based oxazolidinone synthesized by atmospheric CO <sub>2</sub> fixation. <i>New Journal of Chemistry</i> , 2014, 38, 817-826.	2.8	13
14	Manganese(III) acetate mediated catalytic oxidation of substituted dioxolene and phenols. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 186-194.	4.8	13
15	Magnetostructural Studies on Tetranuclear Manganese [Mn <sup>III</sup> <sub>2</sub> Mn <sup>II</sup> <sub>2</sub> ] Complexes of 9-Hydroxyphenalenone with Weak $\pi$ - $\pi$ Interactions. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5814-5824.	2.0	11
16	Exploring the Role of Carbonate in the Formation of an Organomanganese Tetramer. <i>Inorganic Chemistry</i> , 2017, 56, 8748-8751.	4.0	9
17	Structural diversity in pyridine and polypyridine adducts of ring slipped manganocene: correlating ligand steric bulk with quantified deviation from ideal hapticity. <i>Dalton Transactions</i> , 2018, 47, 5171-5180.	3.3	5
18	Fluorescent cyclic phosphoramidate mustards and their cytotoxicity against cancer and cancer stem cells. <i>Polyhedron</i> , 2019, 172, 205-215.	2.2	2