

# Alekha Kumar Sutar

## List of Publications by Year in descending order

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28  
papers

2,303  
citations

687363

13  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-supported first-row transition metal schiff base complexes: Efficient catalysts for epoxidation of alkenes. <i>Reactive and Functional Polymers</i> , 2022, 171, 105142.	4.1	12
2	Microwave-assisted preparation of carboxylic graphene oxide-chitosan composite for adsorption of uranium and heavy toxic metals in water samples. <i>Separation Science and Technology</i> , 2022, 57, 2242-2260.	2.5	5
3	Adsorption isotherms and kinetics study for U(VI) removal by excellent sorbent materials graphene oxide and functionalised graphene oxide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1120, 012011.	0.6	2
4	A Novel Method for the Removal of Uranium by Using Carboxyl Functionalized Graphene Oxide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 798, 012029.	0.6	7
5	Cobalt (II) complex catalyzed polymerization of lactide and coupling of CO <sub>2</sub> and styrene oxide into cyclic styrene carbonate. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	6
6	Cobalt(II) complex-catalyzed solventless coupling of CO <sub>2</sub> and epoxides. <i>Chemical Papers</i> , 2020, 74, 3423-3430.	2.2	1
7	Study on static and dynamic mechanical properties of hybrid palm stalk fiber reinforced epoxy composites. <i>BioResources</i> , 2020, 15, 4249-4270.	1.0	6
8	Physico-Chemical Studies of Chitosan Derivatives and Optimization of Reaction Conditions using RSM Design. <i>Asian Journal of Chemistry</i> , 2019, 31, 2029-2036.	0.3	0
9	Poly(vinylbenzyl chloride- <i>co</i> -divinyl benzene) polyHIPE monolith-supported <i>o</i> -hydroxynaphthaldehyde propylenediamine Schiff base ligand complex of copper ions as a catalyst for the epoxidation of cyclohexene. <i>RSC Advances</i> , 2019, 9, 30823-30834.	3.6	7
10	Synthesis, characterization and catalytic activity of zinc complex for ring-opening polymerization of lactide. <i>Polymer International</i> , 2017, 66, 313-319.	3.1	10
11	Salicylaldimine Copper(II) complex catalyst: Pioneer for ring opening Polymerization of Lactide. <i>Journal of Chemical Sciences</i> , 2016, 128, 883-891.	1.5	19
12	Nickel(II) complex catalyzed ring-opening polymerization of lactide. <i>Polyhedron</i> , 2016, 119, 335-341.	2.2	15
13	Polymerization of lactide and synthesis of block copolymer catalyzed by copper (II) Schiff base complex. <i>Chinese Chemical Letters</i> , 2016, 27, 1763-1766.	9.0	7
14	Synthesis and structural studies of copper(II) complex supported by "ONNO" tetradentate ligand: Efficient catalyst for the ring-opening polymerization of lactide. <i>Chinese Journal of Catalysis</i> , 2015, 36, 764-770.	14.0	21
15	Synthesis and characterization of poly(lactic acid) based graft copolymers. <i>Reactive and Functional Polymers</i> , 2015, 93, 47-67.	4.1	101
16	Synthesis and structural studies of polymer-supported transition metal complexes: Efficient catalysts for oxidation of phenol. <i>Kinetics and Catalysis</i> , 2015, 56, 718-732.	1.0	6
17	Synthesis and Immortal ROP of L-Lactide Using Copper Complex. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 444-453.	2.2	25
18	Polymer supported nickel complex: Synthesis, structure and catalytic application. <i>Journal of Chemical Sciences</i> , 2014, 126, 1695-1705.	1.5	15

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19	Novel polystyrene-anchored zinc complex: Efficient catalyst for phenol oxidation. Chinese Journal of Catalysis, 2014, 35, 1701-1708.	14.0	11
20	Comparative study of lactide polymerization by zinc alkoxide complexes with a $\hat{1}^2$ -diketiminato ligand bearing different substituents. Journal of Molecular Catalysis A, 2011, 339, 61-71.	4.8	42
21	Synthesis and Structural Studies of Heterobimetallic Alkoxide Complexes Supported by Bis(phenolate) Ligands: Efficient Catalysts for Ring-Opening Polymerization of $\langle scp \rangle l \langle /scp \rangle$ -Lactide. Inorganic Chemistry, 2010, 49, 665-674.	4.0	92
22	Ring-opening polymerization by lithium catalysts: an overview. Chemical Society Reviews, 2010, 39, 1724-1746.	38.1	199
23	Polymer-supported Schiff base complexes in oxidation reactions. Coordination Chemistry Reviews, 2009, 253, 1926-1946.	18.8	346
24	Catalytic activities of polymer-supported metal complexes in oxidation of phenol and epoxidation of cyclohexene. Polymers for Advanced Technologies, 2008, 19, 186-200.	3.2	29
25	Synthesis of polymer-supported metal-ion complexes and evaluation of their catalytic activities. Journal of Applied Polymer Science, 2008, 108, 3927-3941.	2.6	13
26	Catalytic activities of Schiff base transition metal complexes. Coordination Chemistry Reviews, 2008, 252, 1420-1450.	18.8	1,260
27	Polymer Supported Schiff Base Complexes of Iron(III), Cobalt(II) and Nickel(II) Ions and their Catalytic Activity in Oxidation of Phenol and Cyclohexene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 1171-1185.	2.2	21
28	Graft copolymerization of Soy Protein Isolate with Polylactide via Ring Opening Polymerization. IOP Conference Series: Materials Science and Engineering, 0, 410, 012011.	0.6	8