

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	Catalytic activities of Schiff base transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1420-1450.	18.8	1,260
2	Polymer-supported Schiff base complexes in oxidation reactions. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1926-1946.	18.8	346
3	Ring-opening polymerization by lithium catalysts: an overview. <i>Chemical Society Reviews</i> , 2010, 39, 1724-1746.	38.1	199
4	Synthesis and characterization of poly(lactic acid) based graft copolymers. <i>Reactive and Functional Polymers</i> , 2015, 93, 47-67.	4.1	101
5	Synthesis and Structural Studies of Heterobimetallic Alkoxide Complexes Supported by Bis(phenolate) Ligands: Efficient Catalysts for Ring-Opening Polymerization of ϵ -Lactide. <i>Inorganic Chemistry</i> , 2010, 49, 665-674.	4.0	92
6	Comparative study of lactide polymerization by zinc alkoxide complexes with a β^2 -diketiminato ligand bearing different substituents. <i>Journal of Molecular Catalysis A</i> , 2011, 339, 61-71.	4.8	42
7	Catalytic activities of polymer-supported metal complexes in oxidation of phenol and epoxidation of cyclohexene. <i>Polymers for Advanced Technologies</i> , 2008, 19, 186-200.	3.2	29
8	Synthesis and Immortal ROP of ϵ -Lactide Using Copper Complex. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 444-453.	2.2	25
9	Polymer Supported Schiff Base Complexes of Iron(III), Cobalt(II) and Nickel(II) Ions and their Catalytic Activity in Oxidation of Phenol and Cyclohexene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 44, 1171-1185.	2.2	21
10	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
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	Polymer supported nickel complex: Synthesis, structure and catalytic application. <i>Journal of Chemical Sciences</i> , 2014, 126, 1695-1705.	1.5	15
13	Nickel(II) complex catalyzed ring-opening polymerization of lactide. <i>Polyhedron</i> , 2016, 119, 335-341.	2.2	15
14	Synthesis of polymer-supported metal-ion complexes and evaluation of their catalytic activities. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3927-3941.	2.6	13
15	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
16	Novel polystyrene-anchored zinc complex: Efficient catalyst for phenol oxidation. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1701-1708.	14.0	11
17	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
18	Graft copolymerization of Soy Protein Isolate with Polylactide via Ring Opening Polymerization. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 410, 012011.	0.6	8

#	ARTICLE	IF	CITATIONS
19	Polymerization of lactide and synthesis of block copolymer catalyzed by copper (II) Schiff base complex. Chinese Chemical Letters, 2016, 27, 1763-1766.	9.0	7
20	Poly(vinylbenzyl chloride-co-divinyl benzene) polyHIPE monolith-supported <i>o</i>-hydroxynaphthaldehyde propylenediamine Schiff base ligand complex of copper(<sc>ii</sc>) ions as a catalyst for the epoxidation of cyclohexene. RSC Advances, 2019, 9, 30823-30834.	3.6	7
21	A Novel Method for the Removal of Uranium by Using Carboxyl Functionalized Graphene Oxide. IOP Conference Series: Materials Science and Engineering, 2020, 798, 012029.	0.6	7
22	Synthesis and structural studies of polymer-supported transition metal complexes: Efficient catalysts for oxidation of phenol. Kinetics and Catalysis, 2015, 56, 718-732.	1.0	6
23	Cobalt (II) complex catalyzed polymerization of lactide and coupling of CO ₂ and styrene oxide into cyclic styrene carbonate. Journal of Chemical Sciences, 2020, 132, 1.	1.5	6
24	Study on static and dynamic mechanical properties of hybrid palm stalk fiber reinforced epoxy composites. BioResources, 2020, 15, 4249-4270.	1.0	6
25	Microwave-assisted preparation of carboxylic graphene oxide-chitosan composite for adsorption of uranium and heavy toxic metals in water samples. Separation Science and Technology, 2022, 57, 2242-2260.	2.5	5
26	Adsorption isotherms and kinetics study for U(VI) removal by excellent sorbent materials graphene oxide and functionalised graphene oxide. IOP Conference Series: Materials Science and Engineering, 2021, 1120, 012011.	0.6	2
27	Cobalt(II) complex-catalyzed solventless coupling of CO ₂ and epoxides. Chemical Papers, 2020, 74, 3423-3430.	2.2	1
28	Physico-Chemical Studies of Chitosan Derivatives and Optimization of Reaction Conditions using RSM Design. Asian Journal of Chemistry, 2019, 31, 2029-2036.	0.3	0