

Jaya A Srivastava

List of Publications by Year in descending order

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15
papers

150
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1307594

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1125743

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15
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies in kinetics and mechanism of oxidation of d-glucose and d-fructose by alkaline solution of potassium iodate in the presence of Ru(III) as homogeneous catalyst. Journal of Molecular Catalysis A, 2007, 278, 72-81.	4.8	36
2	Pd(II)-catalysed and Hg(II)-co-catalysed oxidation of d-glucose and d-fructose by N-bromoacetamide in the presence of perchloric acid: a kinetic and mechanistic study. Carbohydrate Research, 2006, 341, 397-409.	2.3	23
3	Kinetics and mechanism of the Ir(III)-catalyzed oxidation of xylose and maltose by potassium iodate in aqueous alkaline medium. Carbohydrate Research, 2007, 342, 1078-1090.	2.3	20
4	Mechanistic studies of oxidation of d-arabinose and d-mannose by acidic solution of N-bromoacetamide in presence of chloro-complex of Ru(III) as homogeneous catalyst. Journal of Molecular Catalysis A, 2007, 271, 151-160.	4.8	16
5	Mechanism of Ruthenium (III) Catalysis of Periodate Oxidation of Aldoses in Aqueous Alkaline Medium. Catalysis Letters, 2004, 95, 135-141.	2.6	13
6	N-Bromosuccinimide oxidation of maltose and d-galactose using chloro-complex of Rh(III) in its nano-concentration range as homogeneous catalyst: A kinetic and mechanistic study. Journal of Molecular Catalysis A, 2009, 310, 64-74.	4.8	10
7	Mechanistic studies of oxidation of maltose and lactose by [H ₂ OBr] ⁺ in presence of chloro-complex of Rh(III) as homogeneous catalyst. Journal of Organometallic Chemistry, 2007, 692, 4270-4280.	1.8	9
8	Kinetics of the Oxidation of Tetracycline Hydrate by Copper(II) Complexed with Bipyridyl in Alkaline Medium Using Chloro-Complex of Palladium(II) As Homogeneous Catalyst. Industrial & Engineering Chemistry Research, 2012, 51, 5728-5736.	3.7	7
9	Ruthenate Ion Catalysed Oxidation of D-galactose and D-xylose by Alkaline Solution of Sodium Metaperiodate: A Kinetic Study. Journal of Chemical Research, 2005, 2005, 304-310.	1.3	5
10	Kinetic and mechanistic investigation of Pd(II)-catalysed and Hg(II)-co-catalysed oxidation of d(+)-melibiose by N-bromoacetamide in acidic medium. Journal of Organometallic Chemistry, 2010, 695, 2213-2219.	1.8	3
11	Kinetics of the oxidation of lactose by copper(II) complexed with bipyridyl in alkaline medium using chloro-complex of rhodium(III) in its nano-concentration range as homogeneous catalyst: a spectrophotometric study. Carbohydrate Research, 2012, 354, 94-101.	2.3	3
12	Kinetics of the Oxidation of D-Glucose and Cellobiose by Acidic Solution of N-Bromoacetamide Using Transition Metal Complex Species, [RuCl ₃ (H ₂ O) ₂ OH] ⁺ , as Catalyst. Chinese Journal of Chemistry, 2008, 26, 1057-1067.	4.9	2
13	Kinetics of oxidation of d(+)-melibiose and cellobiose by N-bromoacetamide using a rhodium(III) chloride catalyst. Transition Metal Chemistry, 2010, 35, 349-355.	1.4	2
14	Sulfonation of arylamines. Thermochimica Acta, 2003, 406, 89-98.	2.7	1
15	Kinetic and mechanistic studies of Rh(III)-catalysed oxidation of D-xylose and L-sorbose by N-bromoacetamide in perchloric acid medium. Journal of the Iranian Chemical Society, 2011, 8, 622-635.	2.2	0