

# H C Bajaj

## List of Publications by Year in descending order

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11  
papers

284  
citations

1307366

7  
h-index

1372474

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and mechanism of the ligand substitution reactions of ethylenediaminetetraacetate complexes of ruthenium(III) in aqueous solution. <i>Inorganic Chemistry</i> , 1988, 27, 4052-4055.	1.9	109
2	Sulfated zirconia: an efficient solid acid catalyst for esterification of myristic acid with short chain alcohols. <i>Catalysis Science and Technology</i> , 2012, 2, 2512.	2.1	61
3	Synthesis, kinetics, and physicochemical studies of a new mixed-valent heterobinuclear cyano-bridged ruthenium(III)-iron(II) complex. <i>Inorganic Chemistry</i> , 1993, 32, 4049-4052.	1.9	35
4	Kinetics and mechanism of ruthenium(III) and ruthenium(III)-EDTA catalyzed oxidation of cyclohexanol by molecular oxygen. <i>Reaction Kinetics and Catalysis Letters</i> , 1985, 28, 339-346.	0.6	25
5	Esterification of caprylic acid with alcohol over nano-crystalline sulfated zirconia. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 13-17.	1.1	24
6	Kinetics of ligand substitution reactions. Mechanism of tetracyanonickelate formation from binuclear nickel(II) complexes. <i>The Journal of Physical Chemistry</i> , 1980, 84, 2351-2355.	2.9	8
7	Synthesis of dyprone by solvent free self condensation of acetophenone over nano-crystalline sulfated zirconia catalyst. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 61, 275-280.	1.1	8
8	Oxidation of triethylamine by molecular oxygen catalyzed by Ru(III)-ion. <i>Reaction Kinetics and Catalysis Letters</i> , 1987, 33, 67-74.	0.6	6
9	KINETICS AND MECHANISM OF THE REACTION BETWEEN MONO ((ETHYLENEDIOXY)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 47 Chemistry, 1983, 13, 41-50.	0.8	4
10	Intervalence charge transfer transition in mixed valence complexes synthesised from RuIII(edta)- and FeII(CN)5-cores. <i>Journal of Chemical Sciences</i> , 2002, 114, 431-442.	0.7	4
11	Catalysis of alkene hydrogenation and oxidation by nickel-saloph complex: A novel bifunctional catalyst. <i>Journal of Chemical Sciences</i> , 1994, 106, 775-775.	0.7	0