

Nilay Kumar Dey

List of Publications by Year in descending order

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15
papers

622
citations

623574

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all docs

15
docs citations

15
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and mechanism of the aminolysis of aryl ethyl chloro and chlorothio phosphates with anilines. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3944.	1.5	76
2	Kinetics and mechanism of the anilinolysis of dimethyl and diethyl chloro(thiono)phosphates. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 544-548.	0.9	73
3	Adsorption and photocatalytic degradation of methylene blue over TiO ₂ films on carbon fiber prepared by atomic layer deposition. <i>Journal of Molecular Catalysis A</i> , 2011, 337, 33-38.	4.8	67
4	Kinetics and mechanism of the aminolysis of dimethyl and methyl phenyl phosphinic chlorides with anilines. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 425-430.	0.9	56
5	Kinetics and mechanism of the pyridinolyses of dimethyl and diethyl chloro(thiono)phosphates in acetonitrile. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 1022-1028.	0.9	55
6	Photocatalytic decomposition of toluene by nanodiamond-supported TiO ₂ prepared using atomic layer deposition. <i>Applied Catalysis A: General</i> , 2011, 408, 148-155.	2.2	45
7	Kinetics and mechanism of the anilinolyses of aryl dimethyl, methyl phenyl and diphenyl phosphinates. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 717-724.	1.5	43
8	Influence of surface roughness of aluminum-doped zinc oxide buffer layers on the performance of inverted organic solar cells. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	37
9	Anilinolysis of Diethyl Phosphinic Chloride in Acetonitrile. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1403-1406.	1.0	37
10	Kinetics and Mechanism of the Pyridinolyses of Dimethyl Phosphinic and Thiophosphinic Chlorides in Acetonitrile. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3856-3859.	1.0	36
11	Pyridinolysis of Diethyl Phosphinic Chloride in Acetonitrile. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 709-712.	1.0	29
12	Improvement in the photocatalytic activity of TiO ₂ by the partial oxidation of the C impurities. <i>Applied Surface Science</i> , 2011, 257, 2489-2493.	3.1	27
13	TiO ₂ /Ni Inverse-Catalysts Prepared by Atomic Layer Deposition (ALD). <i>Catalysis Letters</i> , 2011, 141, 854-859.	1.4	24
14	Adsorption and Photocatalytic Decomposition of Toluene on TiO ₂ Surfaces. <i>Catalysis Letters</i> , 2010, 138, 76-81.	1.4	17
15	Changes in the surface structure of Pd/Ta ₂ O ₅ by oxygen and CO studied using X-ray Photoelectron Spectroscopy (XPS). <i>Surface and Interface Analysis</i> , 2011, 43, 1371-1376.	0.8	0