

Narayan C Pradhan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

1,081
citations

18
h-index

32
g-index

47
ext. papers

1,195
ext. citations

5.2
avg, IF

4.35
L-index

#	Paper	IF	Citations
44	Zeolite from fly ash: synthesis and characterization. <i>Bulletin of Materials Science</i> , 2004 , 27, 555-564	1.7	183
43	Epoxidation of karanja (<i>Pongamia glabra</i>) oil by H ₂ O ₂ . <i>JAACS, Journal of the American Oil Chemists Society</i> , 2006 , 83, 635-640	1.8	104
42	Alkylation of Phenol with Tertiary Butyl Alcohol over Zeolites. <i>Organic Process Research and Development</i> , 2002 , 6, 132-137	3.9	58
41	Production of hydrogen by steam reforming of methane over alumina supported nano-NiO/SiO ₂ catalyst. <i>Catalysis Today</i> , 2013 , 207, 28-35	5.3	56
40	Separation of phenol from aqueous solution by pervaporation using HTPB-based polyurethaneurea membrane. <i>Journal of Membrane Science</i> , 2003 , 217, 43-53	9.6	52
39	Steam reforming of ethanol over cerium-promoted Ni-Mg-Al hydrotalcite catalysts. <i>Catalysis Today</i> , 2017 , 291, 47-57	5.3	44
38	Selective production of hydrogen by steam reforming of glycerol over Ni/Fly ash catalyst. <i>Catalysis Today</i> , 2017 , 291, 36-46	5.3	42
37	Pervaporative separation of furfural from aqueous solution using modified polyurethaneurea membrane. <i>Desalination</i> , 2010 , 252, 1-7	10.3	41
36	Separation of furfural from aqueous solution by pervaporation using HTPB-based hydrophobic polyurethaneurea membranes. <i>Desalination</i> , 2007 , 208, 146-158	10.3	38
35	Kinetics of batch alkylation of phenol with tert-butyl alcohol over a catalyst synthesized from coal fly ash. <i>Chemical Engineering Journal</i> , 2005 , 112, 109-115	14.7	37
34	Production of hydrogen by steam reforming of ethanol over alumina supported nano-NiO/SiO ₂ catalyst. <i>Catalysis Today</i> , 2014 , 237, 80-88	5.3	34
33	Kinetics of in situ Epoxidation of Natural Unsaturated Triglycerides Catalyzed by Acidic Ion Exchange Resin. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 3078-3085	3.9	32
32	Kinetics of the reduction of nitrotoluenes by aqueous ammonium sulfide under liquid-liquid phase transfer catalysis. <i>Applied Catalysis A: General</i> , 2006 , 301, 251-258	5.1	28
31	Production of hydrogen by dry reforming of ethanol over alumina supported nano-NiO/SiO ₂ catalyst. <i>Catalysis Today</i> , 2017 , 291, 58-66	5.3	25
30	Kinetics of reactions of benzyl chloride/p-chlorobenzyl chloride with sodium sulfide: phase-transfer catalysis and the role of the Omega phase. <i>Industrial & Engineering Chemistry Research</i> , 1990 , 29, 1103-1108	3.9	24
29	Reactions of nitrochlorobenzenes with sodium sulfide: change in selectivity with phase-transfer catalysts. <i>Industrial & Engineering Chemistry Research</i> , 1992 , 31, 1606-1609	3.9	22
28	Kinetics of alkylation of benzene with ethanol on AlCl ₃ -impregnated 13X zeolites. <i>Chemical Engineering Journal</i> , 2001 , 83, 185-189	14.7	20

27	Pervaporative recovery of N-methyl-2-pyrrolidone from dilute aqueous solution by using polyurethaneurea membranes. <i>Journal of Membrane Science</i> , 2006 , 285, 249-257	9.6	18
26	Separation of phenol from aqueous solution by membrane pervaporation using modified polyurethaneurea membranes. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 1857-1865	2.9	17
25	Kinetics of Alkylation of Benzene with Isopropyl Alcohol over Ce-Exchanged NaX Zeolite. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 7313-7319	3.9	16
24	Separation of phenol/water mixture by membrane pervaporation using polyimide membranes. <i>Journal of Applied Polymer Science</i> , 2002 , 83, 822-829	2.9	16
23	Synthesis and characterization of porous polyurethaneurea membranes for pervaporative separation of 4-nitrophenol from aqueous solution. <i>Bulletin of Materials Science</i> , 2006 , 29, 225-231	1.7	14
22	Kinetics of Reductive Isopropylation of Benzene with Acetone over Nano-Copper Chromite-Loaded H-Mordenite. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 3481-3487	3.9	13
21	Separation of water and o-chlorophenol by pervaporation using HTPB-based polyurethaneurea membranes and application of modified Maxwell-Stefan equation. <i>Journal of Membrane Science</i> , 2006 , 272, 93-102	9.6	13
20	Solid-liquid reactions catalyzed by alumina and ion exchange resin: reactions of benzyl chloride/p-chlorobenzyl chloride with solid sodium sulfide. <i>Industrial & Engineering Chemistry Research</i> , 1992 , 31, 1610-1614	3.9	13
19	Ammonia sensing by hydrochloric acid doped poly(m-aminophenol)Silver nanocomposite. <i>Journal of Materials Science</i> , 2011 , 46, 2905-2913	4.3	12
18	Kinetics of Reduction of Nitrotoluenes by H ₂ S-Rich Aqueous Ethanolamine. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 7767-7774	3.9	11
17	Isomeric Effects on Structures and Properties of Polyaminophenols Synthesized in Basic Medium. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010 , 47, 282-290	2.2	9
16	Selective production of hydrogen by acetone steam reforming over Ni ₂ O ₃ /olivine catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019 , 127, 357-373	1.6	8
15	Reduction of p-nitrotoluene by aqueous ammonium sulfide: Anion exchange resin as a triphasic catalyst. <i>Chemical Engineering Journal</i> , 2008 , 141, 187-193	14.7	8
14	Kinetics of Reactive Absorption of Carbon Dioxide with Solutions of Aniline in Nonaqueous Aprotic Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 6632-6639	3.9	8
13	Alkylation of Benzene with Isopropyl Alcohol over SAPO-5 Catalyst in an Integral Pressure Reactor. <i>Catalysis Letters</i> , 2002 , 79, 69-73	2.8	8
12	Doping of processable conducting poly(m-aminophenol) with silver nanoparticles. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1060-1066	3.2	7
11	Reduction of . <i>Chemical Engineering Science</i> , 2007 , 62, 805-813	4.4	7
10	Kinetics of phase transfer catalyzed reduction of nitrochlorobenzenes by aqueous ammonium sulfide: Utilization of hydrotreater off-gas for the production of value-added chemicals. <i>Applied Catalysis B: Environmental</i> , 2008 , 77, 418-426	21.8	7

9	Kinetics of alkylation of phenol with methanol over Ce-exchanged NaX zeolite. <i>Catalysis Letters</i> , 2006 , 111, 67-73	2.8	7
8	Effect on Structure, Processability, and Conductivity of Poly(m-aminophenol) of the Initial Acidity/Basicity of the Polymerization Medium. <i>Journal of Macromolecular Science - Physics</i> , 2010 , 49, 669-679	1.4	6
7	Alkylation of phenol with tert-butyl alcohol over a catalyst synthesized from coal fly ash. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 659-666	3.5	6
6	Kinetics of reaction of benzyl chloride with H ₂ S-rich aqueous monoethanolamine: selective synthesis of dibenzyl sulfide under liquid-liquid phase-transfer catalysis. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2011 , 6, 257-265	1.3	5
5	Doping of the Processable Conducting Poly(m-Aminophenol) with Inorganic Acids. <i>Journal of Macromolecular Science - Physics</i> , 2011 , 50, 1822-1833	1.4	5
4	Kinetics of acetone hydrogenation for synthesis of isopropyl alcohol over Cu-Al mixed oxide catalysts. <i>Catalysis Today</i> , 2020 , 348, 118-126	5.3	2
3	Reduction of Chloronitrobenzenes by Aqueous Ammonium Sulphide: Triphase Catalysis by Anion Exchange Resin. <i>Indian Chemical Engineer</i> , 2016 , 58, 279-296	1	1
2	Kinetics of solid acids catalysed nitration of toluene: Change in selectivity by triphase (liquid-liquid-solid) catalysis. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2018 , 13, e2158	1.3	1
1	Cracking of Heavy Oil over a Catalyst Synthesized from Fly Ash. <i>ACS Symposium Series</i> , 2021 , 211-231	0.4	0