Narayan C Pradhan

List of Publications by Year in Descending Order

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	Cracking of Heavy Oil over a Catalyst Synthesized from Fly Ash. *ACS Symposium Series*, **2021**, 211-231	0.4	0
43	Kinetics of acetone hydrogenation for synthesis of isopropyl alcohol over Cu-Al mixed oxide catalysts. *Catalysis Today*, **2020**, 348, 118-126	5.3	2
42	Selective production of hydrogen by acetone steam reforming over Ni□o/olivine catalysts. *Reaction Kinetics, Mechanisms and Catalysis*, **2019**, 127, 357-373	1.6	8
41	Kinetics of solid acids catalysed nitration of toluene: Change in selectivity by triphase (liquid□quid□olid) catalysis. *Asia-Pacific Journal of Chemical Engineering*, **2018**, 13, e2158	1.3	1
40	Selective production of hydrogen by steam reforming of glycerol over Ni/Fly ash catalyst. *Catalysis Today*, **2017**, 291, 36-46	5.3	42
39	Steam reforming of ethanol over cerium-promoted Ni-Mg-Al hydrotalcite catalysts. *Catalysis Today*, **2017**, 291, 47-57	5.3	44
38	Production of hydrogen by dry reforming of ethanol over alumina supported nano-NiO/SiO2 catalyst. *Catalysis Today*, **2017**, 291, 58-66	5.3	25
37	Reduction of Chloronitrobenzenes by Aqueous Ammonium Sulphide: Triphase Catalysis by Anion Exchange Resin. *Indian Chemical Engineer*, **2016**, 58, 279-296	1	1
36	Production of hydrogen by steam reforming of ethanol over alumina supported nano-NiO/SiO2 catalyst. *Catalysis Today*, **2014**, 237, 80-88	5.3	34
35	Production of hydrogen by steam reforming of methane over alumina supported nano-NiO/SiO2 catalyst. *Catalysis Today*, **2013**, 207, 28-35	5.3	56
34	Ammonia sensing by hydrochloric acid doped poly(m-aminophenol)□ilver nanocomposite. *Journal of Materials Science*, **2011**, 46, 2905-2913	4.3	12
33	Doping of processable conducting poly(m-aminophenol) with silver nanoparticles. *Polymers for Advanced Technologies*, **2011**, 22, 1060-1066	3.2	7
32	Kinetics of reaction of benzyl chloride with H2S-rich aqueous monoethanolamine: selective synthesis of dibenzyl sulfide under liquid□quid phase-transfer catalysis. *Asia-Pacific Journal of Chemical Engineering*, **2011**, 6, 257-265	1.3	5
31	Doping of the Processable Conducting Poly(m-Aminophenol) with Inorganic Acids. *Journal of Macromolecular Science - Physics*, **2011**, 50, 1822-1833	1.4	5
30	Isomeric Effects on Structures and Properties of Polyaminophenols Synthesized in Basic Medium. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2010**, 47, 282-290	2.2	9
29	Effect on Structure, Processability, and Conductivity of Poly(m-aminophenol) of the Initial Acidity/Basicity of the Polymerization Medium. *Journal of Macromolecular Science - Physics*, **2010**, 49, 669-679	1.4	6
28	Pervaporative separation of furfural from aqueous solution using modified polyurethaneurea membrane. *Desalination*, **2010**, 252, 1-7	10.3	41

27	Reduction of p-nitrotoluene by aqueous ammonium sulfide: Anion exchange resin as a triphasic catalyst. *Chemical Engineering Journal*, **2008**, 141, 187-193	14.7	8
26	Kinetics of phase transfer catalyzed reduction of nitrochlorobenzenes by aqueous ammonium sulfide: Utilization of hydrotreater off-gas for the production of value-added chemicals. *Applied Catalysis B: Environmental*, **2008**, 77, 418-426	21.8	7
25	Kinetics of in situ Epoxidation of Natural Unsaturated Triglycerides Catalyzed by Acidic Ion Exchange Resin. *Industrial & Engineering Chemistry Research*, **2007**, 46, 3078-3085	3.9	32
24	Separation of furfural from aqueous solution by pervaporation using HTPB-based hydrophobic polyurethaneurea membranes. *Desalination*, **2007**, 208, 146-158	10.3	38
23	Reduction of . *Chemical Engineering Science*, **2007**, 62, 805-813	4.4	7
22	Epoxidation of karanja (Pongamia glabra) oil by H2O2. *JAOCS, Journal of the American Oil Chemistsr Society*, **2006**, 83, 635-640	1.8	104
21	Synthesis and characterization of porous polyurethaneurea membranes for pervaporative separation of 4-nitrophenol from aqueous solution. *Bulletin of Materials Science*, **2006**, 29, 225-231	1.7	14
20	Separation of phenol from aqueous solution by membrane pervaporation using modified polyurethaneurea membranes. *Journal of Applied Polymer Science*, **2006**, 101, 1857-1865	2.9	17
19	Alkylation of phenol with tert-butyl alcohol over a catalyst synthesized from coal fly ash. *Journal of Chemical Technology and Biotechnology*, **2006**, 81, 659-666	3.5	6
18	Kinetics of Reduction of Nitrotoluenes by H2S-Rich Aqueous Ethanolamine. *Industrial & Engineering Chemistry Research*, **2006**, 45, 7767-7774	3.9	11
17	Kinetics of Reactive Absorption of Carbon Dioxide with Solutions of Aniline in Nonaqueous Aprotic Solvents. *Industrial & Engineering Chemistry Research*, **2006**, 45, 6632-6639	3.9	8
16	Kinetics of Reductive Isopropylation of Benzene with Acetone over Nano-Copper Chromite-Loaded H-Mordenite. *Industrial & Engineering Chemistry Research*, **2006**, 45, 3481-3487	3.9	13
15	Separation of water and o-chlorophenol by pervaporation using HTPB-based polyurethaneurea membranes and application of modified Maxwell–Stefan equation. *Journal of Membrane Science*, **2006**, 272, 93-102	9.6	13
14	Kinetics of the reduction of nitrotoluenes by aqueous ammonium sulfide under liquid–liquid phase transfer catalysis. *Applied Catalysis A: General*, **2006**, 301, 251-258	5.1	28
13	Pervaporative recovery of N-methyl-2-pyrrolidone from dilute aqueous solution by using polyurethaneurea membranes. *Journal of Membrane Science*, **2006**, 285, 249-257	9.6	18
12	Kinetics of alkylation of phenol with methanol over Ce-exchanged NaX zeolite. *Catalysis Letters*, **2006**, 111, 67-73	2.8	7
11	Kinetics of Alkylation of Benzene with Isopropyl Alcohol over Ce-Exchanged NaX Zeolite. *Industrial & Engineering Chemistry Research*, **2005**, 44, 7313-7319	3.9	16
10	Kinetics of batch alkylation of phenol with tert-butyl alcohol over a catalyst synthesized from coal fly ash. *Chemical Engineering Journal*, **2005**, 112, 109-115	14.7	37

9	Zeolite from fly ash: synthesis and characterization. *Bulletin of Materials Science*, **2004**, 27, 555-564	1.7	183
8	Separation of phenol from aqueous solution by pervaporation using HTPB-based polyurethaneurea membrane. *Journal of Membrane Science*, **2003**, 217, 43-53	9.6	52
7	Separation of phenol–water mixture by membrane pervaporation using polyimide membranes. *Journal of Applied Polymer Science*, **2002**, 83, 822-829	2.9	16
6	Alkylation of Benzene with Isopropyl Alcohol over SAPO-5 Catalyst in an Integral Pressure Reactor. *Catalysis Letters*, **2002**, 79, 69-73	2.8	8
5	Alkylation of Phenol with Tertiary Butyl Alcohol over Zeolites. *Organic Process Research and Development*, **2002**, 6, 132-137	3.9	58
4	Kinetics of alkylation of benzene with ethanol on AlCl3-impregnated 13X zeolites. *Chemical Engineering Journal*, **2001**, 83, 185-189	14.7	20
3	Solid-liquid reactions catalyzed by alumina and ion exchange resin: reactions of benzyl chloride/p-chlorobenzyl chloride with solid sodium sulfide. *Industrial & Engineering Chemistry Research*, **1992**, 31, 1610-1614	3.9	13
2	Reactions of nitrochlorobenzenes with sodium sulfide: change in selectivity with phase-transfer catalysts. *Industrial & Engineering Chemistry Research*, **1992**, 31, 1606-1609	3.9	22
1	Kinetics of reactions of benzyl chloride/p-chlorobenzyl chloride with sodium sulfide: phase-transfer catalysis and the role of the Omega phase. *Industrial & Engineering Chemistry Research*, **1990**, 29, 1103-1108	3.9	24