

Narayan C Pradhan

List of Publications by Year in descending order

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46
papers

1,325
citations

430442

18
h-index

360668

35
g-index

47
all docs

47
docs citations

47
times ranked

1350
citing authors

#	ARTICLE	IF	CITATIONS
1	Zeolite from fly ash: synthesis and characterization. Bulletin of Materials Science, 2004, 27, 555-564.	0.8	238
2	Epoxidation of karanja (Pongamia glabra) oil by H ₂ O ₂ . JAOCS, Journal of the American Oil Chemists' Society, 2006, 83, 635-640.	0.8	119
3	Production of hydrogen by steam reforming of methane over alumina supported nano-NiO/SiO ₂ catalyst. Catalysis Today, 2013, 207, 28-35.	2.2	67
4	Alkylation of Phenol with Tertiary Butyl Alcohol over Zeolites. Organic Process Research and Development, 2002, 6, 132-137.	1.3	63
5	Selective production of hydrogen by steam reforming of glycerol over Ni/Fly ash catalyst. Catalysis Today, 2017, 291, 36-46.	2.2	62
6	Steam reforming of ethanol over cerium-promoted Ni-Mg-Al hydrotalcite catalysts. Catalysis Today, 2017, 291, 47-57.	2.2	61
7	Separation of phenol from aqueous solution by pervaporation using HTPB-based polyurethaneurea membrane. Journal of Membrane Science, 2003, 217, 43-53.	4.1	59
8	Pervaporative separation of furfural from aqueous solution using modified polyurethaneurea membrane. Desalination, 2010, 252, 1-7.	4.0	46
9	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.	6.6	44
10	Separation of furfural from aqueous solution by pervaporation using HTPB-based hydrophobic polyurethaneurea membranes. Desalination, 2007, 208, 146-158.	4.0	41
11	Production of hydrogen by steam reforming of ethanol over alumina supported nano-NiO/SiO ₂ catalyst. Catalysis Today, 2014, 237, 80-88.	2.2	39
12	Kinetics of in situ Epoxidation of Natural Unsaturated Triglycerides Catalyzed by Acidic Ion Exchange Resin. Industrial & Engineering Chemistry Research, 2007, 46, 3078-3085.	1.8	36
13	Production of hydrogen by dry reforming of ethanol over alumina supported nano-NiO/SiO ₂ catalyst. Catalysis Today, 2017, 291, 58-66.	2.2	36
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.	2.2	30
15	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.	1.8	25
16	Kinetics of alkylation of benzene with ethanol on AlCl ₃ -impregnated 13X zeolites. Chemical Engineering Journal, 2001, 83, 185-189.	6.6	24
17	Reactions of nitrochlorobenzenes with sodium sulfide: change in selectivity with phase-transfer catalysts. Industrial & Engineering Chemistry Research, 1992, 31, 1606-1609.	1.8	22
18	Pervaporative recovery of N-methyl-2-pyrrolidone from dilute aqueous solution by using polyurethaneurea membranes. Journal of Membrane Science, 2006, 285, 249-257.	4.1	19

#	ARTICLE	IF	CITATIONS
19	Separation of phenol from aqueous solution by membrane pervaporation using modified polyurethaneurea membranes. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1857-1865.	1.3	19
20	Kinetics of Alkylation of Benzene with Isopropyl Alcohol over Ce-Exchanged NaX Zeolite. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 7313-7319.	1.8	18
21	Separation of phenol-water mixture by membrane pervaporation using polyimide membranes. <i>Journal of Applied Polymer Science</i> , 2002, 83, 822-829.	1.3	17
22	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.	0.8	16
23	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.	1.8	15
24	Ammonia sensing by hydrochloric acid doped poly(m-aminophenol)–silver nanocomposite. <i>Journal of Materials Science</i> , 2011, 46, 2905-2913.	1.7	15
25	Kinetics of acetone hydrogenation for synthesis of isopropyl alcohol over Cu-Al mixed oxide catalysts. <i>Catalysis Today</i> , 2020, 348, 118-126.	2.2	15
26	Kinetics of ethanol steam reforming over Ni/Olivine catalyst. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 30843-30860.	3.8	15
27	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.	4.1	14
28	Selective production of hydrogen by acetone steam reforming over Ni–Co/olivine catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 357-373.	0.8	14
29	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.	1.8	13
30	Kinetics of Reduction of Nitrotoluenes by H ₂ S-Rich Aqueous Ethanolamine. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 7767-7774.	1.8	11
31	Doping of processable conducting poly(m-aminophenol) with silver nanoparticles. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1060-1066.	1.6	11
32	Reduction of p-nitrotoluene by aqueous ammonium sulfide: Anion exchange resin as a triphasic catalyst. <i>Chemical Engineering Journal</i> , 2008, 141, 187-193.	6.6	10
33	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.	1.2	10
34	Alkylation of Benzene with Isopropyl Alcohol over SAPO-5 Catalyst in an Integral Pressure Reactor. <i>Catalysis Letters</i> , 2002, 79, 69-73.	1.4	9
35	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.	1.8	9
36	Kinetics of alkylation of phenol with methanol over Ce-exchanged NaX zeolite. <i>Catalysis Letters</i> , 2006, 111, 67-73.	1.4	9

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37	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.	10.8	9
38	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.	1.6	7
39	Reduction of chloronitrobenzenes by aqueous ammonium sulfide: Utilization of hydrotreater off-gas for the production of value-added chemicals. Applied Catalysis B: Environmental, 2008, 77, 418-426.	1.9	7
40	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.	0.4	7
41	Doping of the Processable Conducting Poly(m-Aminophenol) with Inorganic Acids. Journal of Macromolecular Science - Physics, 2011, 50, 1822-1833.	0.4	6
42	Kinetics of reaction of benzyl chloride with H ₂ SO ₄ in aqueous monoethanolamine: selective synthesis of dibenzyl sulfide under liquid-liquid phase-transfer catalysis. Asia-Pacific Journal of Chemical Engineering, 2011, 6, 257-265.	0.8	5
43	Selective synthesis of MIBK via acetone hydrogenation over Cu-Al mixed oxide catalysts. Catalysis Today, 2022, 404, 182-189.	2.2	5
44	Kinetics of solid acids catalysed nitration of toluene: Change in selectivity by triphase (liquid-liquid-solid) catalysis. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2158.	0.8	4
45	Cracking of Heavy Oil over a Catalyst Synthesized from Fly Ash. ACS Symposium Series, 2021, , 211-231.	0.5	2
46	Reduction of Chloronitrobenzenes by Aqueous Ammonium Sulphide: Triphase Catalysis by Anion Exchange Resin. Indian Chemical Engineer, 2016, 58, 279-296.	0.9	1