

Dharm Pal

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

760
citations

687220

13
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic resistance and wastewater: Correlation, impact and critical human health challenges. Journal of Environmental Chemical Engineering, 2018, 6, 52-58.	3.3	166
2	Docking and ADMET prediction of few GSK-3 inhibitors divulges 6-bromoindirubin-3-oxime as a potential inhibitor. Journal of Molecular Graphics and Modelling, 2016, 65, 100-107.	1.3	75
3	Ecotoxic heavy metals transformation by bacteria and fungi in aquatic ecosystem. World Journal of Microbiology and Biotechnology, 2015, 31, 1595-1603.	1.7	64
4	Electrocoagulation treatment of rice grain based distillery effluent using copper electrode. Journal of Water Process Engineering, 2016, 11, 1-7.	2.6	53
5	Modeling and Optimization of Reactive Extraction of Citric Acid. Journal of Chemical & Engineering Data, 2016, 61, 2614-2623.	1.0	48
6	Assessment of groundwater quality index for drinking purpose in the Durg district, Chhattisgarh using Geographical Information System (GIS) and Multi-Criteria Decision Analysis (MCDA) techniques. Journal of the Geological Society of India, 2017, 89, 453-459.	0.5	39
7	Equilibrium Study on the Extraction of Levulinic Acid from Aqueous Solution with Aliquat 336 Dissolved in Different Diluents: Solvent's Polarity Effect and Column Design. Journal of Chemical & Engineering Data, 2017, 62, 3-10.	1.0	37
8	Reactive Extraction of Pyruvic Acid Using Tri-n-octylamine Diluted in Decanol/Kerosene: Equilibrium and Effect of Temperature. Journal of Chemical & Engineering Data, 2015, 60, 860-869.	1.0	31
9	Electrocoagulation treatment of industrial wastewater including textile dyeing effluent – a review. , 0, 161, 21-34.		31
10	Extraction Equilibria of Pyruvic Acid Using Tri-n-butyl Phosphate: Influence of Diluents. Journal of Chemical & Engineering Data, 2014, 59, 2709-2716.	1.0	28
11	Doped graphitic carbon nitride (g-C ₃ N ₄) catalysts for efficient photodegradation of tetracycline antibiotics in aquatic environments. Environmental Science and Pollution Research, 2023, 30, 24919-24926.	2.7	20
12	Reactive extraction of pyruvic acid using mixed extractants. Separation Science and Technology, 2016, 51, 1141-1150.	1.3	18
13	Electro-peroxone treatment of rice grain based distillery biodigester effluent: COD and color removal. Water Resources and Industry, 2021, 25, 100142.	1.9	17
14	Kinetics of Reactive Extraction of Pyruvic Acid Using Tributylamine Dissolved in n-Butyl Acetate. International Journal of Chemical Reactor Engineering, 2015, 13, 63-69.	0.6	15
15	Noble metal-free doped graphitic carbon nitride (g-C ₃ N ₄) for efficient photodegradation of antibiotics: progress, limitations, and future directions. Environmental Science and Pollution Research, 2023, 30, 25546-25558.	2.7	15
16	Preparation and characterization of CuO catalyst for the thermolysis treatment of distillery wastewater. Environmental Technology (United Kingdom), 2018, 39, 2604-2612.	1.2	13
17	Bio-synthesis of iron nanoparticles for environmental remediation: Status till date. Materials Today: Proceedings, 2021, 44, 3150-3155.	0.9	13
18	Electrochemical treatment of cotton textile-based dyeing effluent. Separation Science and Technology, 2016, 51, 2276-2283.	1.3	11

#	ARTICLE	IF	CITATIONS
19	Eucalyptol, sabinene and cinnamaldehyde: potent inhibitors of salmonella target protein l-asparaginase. 3 Biotech, 2017, 7, 258.	1.1	11
20	Recovery of Pyruvic Acid using Tri-n-butylamine Dissolved in Non-Toxic Diluent (Rice Bran Oil). Journal of the Institution of Engineers (India): Series E, 2016, 97, 81-87.	0.5	10
21	Thermal, mechanical and morphological study of carbon nanotubes-graphene oxide and silver nanoparticles based polyurethane composites. Materials Research Express, 2019, 6, 085308.	0.8	10
22	Production and Recovery of Pyruvic Acid: Recent Advances. Journal of the Institution of Engineers (India): Series E, 2017, 98, 165-175.	0.5	8
23	Extractive Separation of Pentanedioic Acid by Amberlite LA-2 in Various Solvents. Journal of Chemical & Engineering Data, 2016, 61, 2450-2457.	1.0	5
24	Effect of Diluents on Extraction Equilibrium of <i>trans</i> -Aconitic Acid. Journal of Chemical & Engineering Data, 2019, 64, 2985-2996.	1.0	5
25	Treatment of rice grain based distillery biogas effluent using iron metal and salt: Chemical oxidation and electro-oxidation combined study in batch mode. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100585.	1.7	4
26	Liquid-liquid extraction equilibrium for pyruvic acid recovery: experimental data and modeling. Brazilian Journal of Chemical Engineering, 2017, 34, 919-925.	0.7	3
27	Frequently Used Allopathic and Traditional Medicine for COVID-19 Treatment and Feasibility of Their Integration. Chinese Journal of Integrative Medicine, 2022, 28, 1040-1047.	0.7	3
28	Corn-starch/polyvinyl alcohol bio-composite film for food packaging application. AIP Conference Proceedings, 2019, , .	0.3	2
29	Kinetics study on reactive extraction of formic acid using tri-n-octyl amine diluted in n-butyl acetate. International Journal of Chemical Reactor Engineering, 2021, 19, 921-927.	0.6	2
30	Hydrogen peroxide assisted electrocoagulation treatment of rice gain based biogas effluent: mechanism, performance, and cost analysis. International Journal of Chemical Reactor Engineering, 2021, 19, 969-980.	0.6	1
31	Equilibrium & kinetic studies of reactive extraction of <i>trans</i> -aconitic acid using sunflower oil with tri-n-octylamine. International Journal of Chemical Reactor Engineering, 2021, .	0.6	1
32	Effect of drying temperature and addition of plasticizer & cross-linker on the properties and stability of corn starch/polyvinyl alcohol/rice husk based bio-composite films. Materials Today: Proceedings, 2021, 44, 3106-3109.	0.9	1