

Ashish Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,331
citations

566801

15
h-index

713013

21
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24
all docs

24
docs citations

24
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Pretreatment of lignocellulosic biomass: A review on recent advances. <i>Bioresource Technology</i> , 2021, 334, 125235.	4.8	395
2	How polar are choline chloride-based deep eutectic solvents?. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1559-1568.	1.3	238
3	Solvatochromic Probe Behavior within Choline Chloride-Based Deep Eutectic Solvents: Effect of Temperature and Water. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14652-14661.	1.2	184
4	Hydrogen Bond Donor/Acceptor Cosolvent-Modified Choline Chloride-Based Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4202-4212.	1.2	96
5	Improving enzymatic digestibility of sugarcane bagasse from different varieties of sugarcane using deep eutectic solvent pretreatment. <i>Bioresource Technology</i> , 2021, 337, 125480.	4.8	46
6	Superbase-Added Choline Chloride-Based Deep Eutectic Solvents for CO ₂ Capture and Sequestration. <i>ChemistrySelect</i> , 2017, 2, 11422-11430.	0.7	40
7	Cross-Linked Porous Polymers as Heterogeneous Organocatalysts for Task-Specific Applications in Biomass Transformations, CO ₂ Fixation, and Asymmetric Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12431-12460.	3.2	40
8	Densities and dynamic viscosities of ionic liquids having 1-butyl-3-methylimidazolium cation with different anions and bis (trifluoromethylsulfonyl)imide anion with different cations in the temperature range (283.15 to 363.15) K. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 67-75.	1.0	36
9	Microwave-assisted extraction of lignin from coconut coir using deep eutectic solvents and its valorization to aromatics. <i>Bioresource Technology</i> , 2022, 345, 126528.	4.8	33
10	Leveraging the potential of silver nanoparticles-based materials towards sustainable water treatment. <i>Journal of Environmental Management</i> , 2022, 319, 115675.	3.8	33
11	Efficient recovery of Cu and Ni from WPCB via alkali leaching approach. <i>Journal of Environmental Management</i> , 2021, 296, 113154.	3.8	31
12	Instructive analysis of engineered carbon materials for potential application in water and wastewater treatment. <i>Science of the Total Environment</i> , 2021, 793, 148583.	3.9	28
13	Pyrene Fluorescence To Probe a Lithium Chloride-Added (Choline Chloride + Urea) Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3103-3111.	1.2	23
14	Microwave mediated enhanced production of 5-hydroxymethylfurfural using choline chloride-based eutectic mixture as sustainable catalyst. <i>Renewable Energy</i> , 2021, 177, 643-651.	4.3	22
15	Fluorescence Quenching by Nitro Compounds within a Hydrophobic Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4164-4173.	1.2	17
16	Fluorescence quenching of polycyclic aromatic hydrocarbons within deep eutectic solvents and their aqueous mixtures. <i>Journal of Luminescence</i> , 2017, 183, 494-506.	1.5	15
17	Can common liquid polymers and surfactants capture CO ₂ ?. <i>Journal of Molecular Liquids</i> , 2019, 277, 594-605.	2.3	12
18	Fluorescein Prototropism within Poly(ethylene glycol)s and Their Aqueous Mixtures. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5230-5240.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Protonâ€Transfer Reactions of Acridine in Waterâ€Containing Ionicâ€Liquidâ€Rich Mixtures. ChemPhysChem, 2013, 14, 3944-3952.	1.0	10
20	Deep eutectic solvents: A greener approach towards biorefineries. , 2021, , 193-219.		7
21	Norharmane prototropism in choline chloride-based deep eutectic solvents. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 387, 112138.	2.0	5
22	Biohydrometallurgy: A Sustainable Approach for Urban Mining of Metals and Metal Refining. , 2021, , 865-892.		5
23	Overview of sustainable fuel and energy technologies. , 2021, , 3-25.		4
24	Prototropic behavior of norharmane within ionic liquids. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 406, 112991.	2.0	1