

Divya Bajpai Tripathy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

816
citations

1040056

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h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel: Source, Production, Composition, Properties and Its Benefits. Journal of Oleo Science, 2006, 55, 487-502.	1.4	244
2	Laundry Detergents: An Overview. Journal of Oleo Science, 2007, 56, 327-340.	1.4	160
3	Synthesis, chemistry, physicochemical properties and industrial applications of amino acid surfactants: A review. Comptes Rendus Chimie, 2018, 21, 112-130.	0.5	126
4	Palmitic acid based environmentally benign corrosion inhibiting formulation useful during acid cleansing process in MSF desalination plants. Desalination, 2019, 472, 114128.	8.2	66
5	Effect of alkyl chain length, flow, and temperature on the corrosion inhibition of carbon steel in a simulated acidizing environment by an imidazoline-based inhibitor. Journal of Petroleum Science and Engineering, 2020, 187, 106801.	4.2	65
6	Fatty Imidazolines: Chemistry, Synthesis, Properties and Their Industrial Applications. Journal of Oleo Science, 2006, 55, 319-329.	1.4	54
7	Microwave Synthesis of Cationic Fatty Imidazolines and their Characterization. Journal of Surfactants and Detergents, 2008, 11, 79-87.	2.1	30
8	Nonionic Surfactants: An Overview. Tenside, Surfactants, Detergents, 2010, 47, 190-196.	1.2	17
9	Convenient synthesis, characterization and surface active properties of novel cationic gemini surfactants with carbonate linkage based on C 12 C 18 sat./unsat. fatty acids. Journal of Applied Research and Technology, 2017, 15, 93-101.	0.9	11
10	Synthesis and characterization of imidazolinium surfactants derived from tallow fatty acids and diethylenetriamine. European Journal of Lipid Science and Technology, 2008, 110, 935-940.	1.5	10
11	SURFACE-ACTIVE AND PERFORMANCE PROPERTIES OF CATIONIC IMIDAZOLINIUM SURFACTANTS BASED ON DIFFERENT FATTY ACIDS. Surface Review and Letters, 2008, 15, 361-367.	1.1	6
12	Waste Cooking Oil-Based Novel Gemini Imidazolinium Surfactants With Carbonate Linkage: Green Synthesis, Characterization and Properties Evaluation. Journal of Surfactants and Detergents, 2017, 20, 553-564.	2.1	6
13	MICROWAVE SYNTHESIS AND CHARACTERIZATION OF WASTE SOYBEAN OIL-BASED GEMINI IMIDAZOLINIUM SURFACTANTS WITH CARBONATE LINKAGE. Surface Review and Letters, 2017, 24, 1750062.	1.1	6
14	Effect of fatty imidazolines on properties of laundry detergent compositions based on cationic surfactants. IOSR Journal of Applied Chemistry, 2014, 7, 59-68.	0.2	3
15	Synthesis, Characterization and Surface Active Properties of Imidazolinium Surfactant Derived from Oleic Acid and Diethylenetriamine. Tenside, Surfactants, Detergents, 2008, 45, 258-262.	1.2	2
16	SYNTHESIS OF FATTY IMIDAZOLINES BASED ON PALM FATTY ACIDS AND DIETHYLENETRIAMINE THROUGH MICROWAVE IRRADIATION AND THEIR CHARACTERIZATION. Heterocyclic Communications, 2007, 13, .	1.2	1
17	Gemini Imidazolinium Surfactants: A Versatile Class of Molecules. , 0, , .		0
18	Microwave Synthesis, Characterization and Properties Evaluation of Gemini Imidazoline Surfactants based on dibromo propane. Surface Review and Letters, 0, , .	1.1	0

#	ARTICLE	IF	CITATIONS
19	Thermal Degradation of Trigonella foenum-graecum Seed Mucilage and Its Polyacrylonitrile Grafted Copolymer. <i>Materials Focus</i> , 2018, 7, 78-82.	0.4	0