

# Divya Bajpai Tripathy

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

816  
citations

1040056

9  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

924  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Petroleum Science and Engineering</i> , 2020, 187, 106801.	4.2	65
2	Palmitic acid based environmentally benign corrosion inhibiting formulation useful during acid cleansing process in MSF desalination plants. <i>Desalination</i> , 2019, 472, 114128.	8.2	66
3	Synthesis, chemistry, physicochemical properties and industrial applications of amino acid surfactants: A review. <i>Comptes Rendus Chimie</i> , 2018, 21, 112-130.	0.5	126
4	Thermal Degradation of Trigonella foenum-graecum Seed Mucilage and Its Polyacrylonitrile Grafted Copolymer. <i>Materials Focus</i> , 2018, 7, 78-82.	0.4	0
5	Waste Cooking Oil-Based Novel Gemini Imidazolium Surfactants With Carbonate Linkage: Green Synthesis, Characterization and Properties Evaluation. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 553-564.	2.1	6
6	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. <i>Journal of Applied Research and Technology</i> , 2017, 15, 93-101.	0.9	11
7	MICROWAVE SYNTHESIS AND CHARACTERIZATION OF WASTE SOYBEAN OIL-BASED GEMINI IMIDAZOLIUM SURFACTANTS WITH CARBONATE LINKAGE. <i>Surface Review and Letters</i> , 2017, 24, 1750062.	1.1	6
8	Effect of fatty imidazolines on properties of laundry detergent compositions based on cationic surfactants. <i>IOSR Journal of Applied Chemistry</i> , 2014, 7, 59-68.	0.2	3
9	Nonionic Surfactants: An Overview. <i>Tenside, Surfactants, Detergents</i> , 2010, 47, 190-196.	1.2	17
10	Microwave Synthesis of Cationic Fatty Imidazolines and their Characterization. <i>Journal of Surfactants and Detergents</i> , 2008, 11, 79-87.	2.1	30
11	Synthesis and characterization of imidazolium surfactants derived from tallow fatty acids and diethylenetriamine. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 935-940.	1.5	10
12	SURFACE-ACTIVE AND PERFORMANCE PROPERTIES OF CATIONIC IMIDAZOLIUM SURFACTANTS BASED ON DIFFERENT FATTY ACIDS. <i>Surface Review and Letters</i> , 2008, 15, 361-367.	1.1	6
13	Synthesis, Characterization and Surface Active Properties of Imidazolium Surfactant Derived from Oleic Acid and Diethylenetriamine. <i>Tenside, Surfactants, Detergents</i> , 2008, 45, 258-262.	1.2	2
14	SYNTHESIS OF FATTY IMIDAZOLINES BASED ON PALM FATTY ACIDS AND DIETHYLENETRIAMINE THROUGH MICROWAVE IRRADIATION AND THEIR CHARACTERIZATION. <i>Heterocyclic Communications</i> , 2007, 13, .	1.2	1
15	Laundry Detergents: An Overview. <i>Journal of Oleo Science</i> , 2007, 56, 327-340.	1.4	160
16	Fatty Imidazolines: Chemistry, Synthesis, Properties and Their Industrial Applications. <i>Journal of Oleo Science</i> , 2006, 55, 319-329.	1.4	54
17	Biodiesel: Source, Production, Composition, Properties and Its Benefits. <i>Journal of Oleo Science</i> , 2006, 55, 487-502.	1.4	244
18	Gemini Imidazolium Surfactants: A Versatile Class of Molecules. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Microwave Synthesis, Characterization and Properties Evaluation of Gemini Imidazoline Surfactants based on dibromo propane. Surface Review and Letters, 0, , .	1.1	0