

# Vinay Chauhan

## List of Publications by Year in descending order

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17  
papers

569  
citations

623734

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940533

16  
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17  
docs citations

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times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micellization Behavior of Morpholinium-Based Amide-Functionalized Ionic Liquids in Aqueous Media. <i>Langmuir</i> , 2014, 30, 9920-9930.	3.5	76
2	Synthesis, characterization and surface properties of N-(2-hydroxyalkyl)-N <sup>ε</sup> -(2-hydroxyethyl)imidazolium surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 233-241.	4.7	64
3	Effect of cationic head group on micellization behavior of new amide-functionalized surface active ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 26040-26050.	2.8	54
4	Synthesis, characterization and surface properties of long chain $\beta$ -hydroxy- $\gamma$ -alkoxy-N-methylimidazolium surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 395, 1-9.	4.7	45
5	Aggregation behavior of non-cytotoxic ester functionalized morpholinium based ionic liquids in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 263-271.	9.4	45
6	Nicotine-based surface active ionic liquids: Synthesis, self-assembly and cytotoxicity studies. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 278-289.	9.4	41
7	On how hydrogen bonds affect foam stability. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 435-443.	14.7	41
8	Self-assembly, DNA binding and cytotoxicity trends of ether functionalized gemini pyridinium amphiphiles. <i>Journal of Colloid and Interface Science</i> , 2014, 417, 385-395.	9.4	35
9	Functionalized magnetic particles for water treatment. <i>Heliyon</i> , 2019, 5, e02325.	3.2	34
10	Synthesis and self aggregation properties of ester-functionalized heterocyclic pyrrolidinium surfactants. <i>Colloid and Polymer Science</i> , 2013, 291, 2289-2297.	2.1	29
11	Self-Assembly and Biophysical Properties of Gemini 3-Alkyloxypyridinium Amphiphiles with a Hydroxyl-Substituted Spacer. <i>Langmuir</i> , 2015, 31, 2956-2966.	3.5	28
12	Synthesis and bio-physicochemical properties of amide-functionalized N-methylpiperazinium surfactants. <i>Journal of Colloid and Interface Science</i> , 2014, 436, 122-131.	9.4	24
13	A reverse degradation vs. temperature relationship for a carbonate-containing gemini surfactant. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 189-193.	9.4	18
14	Cleavable Surfactants: A Comparison between Ester, Amide, and Carbonate as the Weak Bond. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 1139-1145.	2.1	16
15	Self-Assembly and Thermal Stability of Ether-Functionalized Imidazolium Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 13247-13255.	3.7	12
16	Synthesis, micellization properties, and cytotoxicity trends of N-hydroxyethyl-3-alkyloxypyridinium surfactants. <i>Colloid and Polymer Science</i> , 2014, 292, 467-476.	2.1	7
17	Overview of Synthetic Methodologies for Development of Cationic Gemini Surfactants. <i>Journal of the Japan Society of Colour Material</i> , 2017, 90, 23-26.	0.1	0