

Sukalyan Dash

List of Publications by Year in descending order

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32
papers

1,607
citations

686830

13
h-index

414034

32
g-index

35
all docs

35
docs citations

35
times ranked

2328
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable superabsorbent with potential biomedical application as drug delivery system of α -pectin-g-P(AN-co-AM)/chicken eggshell bio-composite. <i>Polymer Bulletin</i> , 2021, 78, 6337-6349.	1.7	4
2	Verification of corrosion inhibition of Mild steel by some 4-Aminoantipyrine-based Schiff bases Impact of adsorbate substituent and cross-conjugation. <i>Journal of Molecular Liquids</i> , 2021, 333, 115960.	2.3	35
3	Efficient adsorption of some substituted styrylpyridinium dyes on silica surface from organic solvent media Analysis of adsorption-solvation correlation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126847.	2.3	8
4	A spectrophotometric study of impact of solvent, substituent and cross-conjugation in some 4-aminoantipyrine based Schiff bases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118231.	2.0	11
5	Cr(VI) oxidation using cetylpycolinium dichromate: Kinetics of oxidation of benzaldehydes with a green protocol. <i>International Journal of Chemical Kinetics</i> , 2019, 51, 105-111.	1.0	1
6	Tuning commercial diesel to microemulsified and blended form: phase behavior and implications. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1159-1168.	1.3	8
7	β -CD assisted aqueous dissolution of cetylpycolinium dichromates (CPDC) Evolution of a class of green water compatible lipopathic Cr(VI) oxidants. <i>Carbohydrate Polymers</i> , 2017, 171, 122-128.	5.1	3
8	Tween-80 n-butanol/isobutanol (Diesel+Kerosene) Water microemulsions Phase behavior and fuel applications. <i>Fuel</i> , 2016, 171, 87-93.	3.4	13
9	Solvation studies of some tailor made β -N,N-dimethylaminostyryl-N-alkyl pyridinium dyes in binary solvent mixtures containing alcohols, hexane, 1,4-dioxane, DCM and acetone. <i>Journal of Molecular Liquids</i> , 2015, 206, 29-38.	2.3	5
10	UV-Vis spectrophotometric studies of self-oxidation/dissociation of quaternary ammonium permanganates (QAP) impact of solvent polarity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 34-42.	2.0	3
11	Green and Efficient: In Situ Oxidation Kinetics of Some Tailor-Made β -Styrylpyridinium Dyes in Aqueous Medium Using the β -CD-CTAP Complex. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 9142-9149.	1.8	2
12	Tween-80 n-Butanol Diesel Water Microemulsion System A Class of Alternative Diesel Fuel. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1492-1501.	1.3	20
13	Sorption on eggshell waste A review on ultrastructure, biomineralization and other applications. <i>Advances in Colloid and Interface Science</i> , 2014, 209, 49-67.	7.0	133
14	β -CD assisted dissolution of quaternary ammonium permanganates in aqueous medium. <i>Carbohydrate Polymers</i> , 2014, 111, 806-812.	5.1	5
15	Solvatochromic behavior of some β -styrylpyridinium dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 422-430.	2.0	5
16	Amino Acid Modified Eggshell Powder (AA-ESP) A Novel Bio-Solid Scaffold for Adsorption of Some Styrylpyridinium Dyes. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 1099-1112.	1.3	9
17	Adsorption of Some Tailor-Made Styrylpyridinium Dyes on Sodium Dodecylsulphate-Treated Eggshell Particles (SDS-ESP): Impact of Dye Chain-Length and Substituent. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 898-907.	1.3	10
18	Eggshell Particles (ESP) as Potential Adsorbent for Styryl Pyridinium Dyes A Kinetic and Thermodynamic Study. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 1012-1020.	1.3	14

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19	Self-Organized Assemblies of Surfactants Derived from Ethanolamines. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 881-886.	1.3	2
20	Syntheses of cyanines: a review. <i>Tetrahedron</i> , 2012, 68, 781-805.	1.0	106
21	Preferential Solvation of Styrylpyridinium Dyes in Binary Mixtures of Alcohols with Hexane, Dioxane, and Dichloromethane. <i>Journal of Physical Chemistry B</i> , 2011, 115, 99-108.	1.2	35
22	Temperature Induced Emulsification and Demulsification of Pseudoternary Mixtures of Tween80â€“Butanolâ€“Keroseneâ€“Water System. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 11889-11896.	1.8	14
23	Clouding behaviour in surfactant systems. <i>Advances in Colloid and Interface Science</i> , 2011, 162, 59-79.	7.0	156
24	Effect of temperature on pseudoternary system Tween-80â€“butanolâ€“hexaneâ€“water. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 157-163.	5.0	17
25	Oxidation by permanganate: synthetic and mechanistic aspects. <i>Tetrahedron</i> , 2009, 65, 707-739.	1.0	221
26	Alkylation of Ethanolamines: An Approach to a Novel Class of Functional Surfactants. <i>Synthetic Communications</i> , 2009, 39, 2529-2539.	1.1	11
27	Organically modified silica: Synthesis and applications due to its surface interaction with organic molecules. <i>Advances in Colloid and Interface Science</i> , 2008, 140, 77-94.	7.0	101
28	Reversal in solvatochromism in some novel styrylpyridinium dyes having a hydrophobic cleft. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 757-762.	2.0	48
29	Adsorption of organic molecules on silica surface. <i>Advances in Colloid and Interface Science</i> , 2006, 121, 77-110.	7.0	569
30	Mn(VII) oxidation using cetyltrimethylammonium permanganate: Self-oxidation of CTAP and oxidation of benzyl alcohol. <i>International Journal of Chemical Kinetics</i> , 1995, 27, 627-635.	1.0	20
31	Oxidation of Styrylpyridinium Dyes by Permanganate Ion. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 3289-3296.	2.0	13
32	Optical and dielectric properties of n-type polycrystalline gallium ferrite (GaFeO ₃) thin films on Pt/Si substrates. <i>Emergent Materials</i> , 0, , 1.	3.2	4