Juana J Silber

List of Publications by Year
in descending order

155	5,160	81743	110170
papers	citations	39 h-index	64 g-index

159	159	159	3731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interactions of small molecules with reverse micelles. Advances in Colloid and Interface Science, 1999, 82, 189-252.	7.0	271
2	Nonaqueous Polar Solvents in Reverse Micelle Systems. Chemical Reviews, 2012, 112, 4569-4602.	23.0	228
3	Active transport of Ca2+ by an artificial photosynthetic membrane. Nature, 2002, 420, 398-401.	13.7	167
4	Formation of a novel electroactive film by electropolymerization of ortho-aminophenol. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 263, 333-352.	0.3	164
5	Kinetics of reactions catalyzed by enzymes in solutions of surfactants. Advances in Colloid and Interface Science, 2008, 136, 1-24.	7.0	153
6	Micropolarity of Reverse Micelles of Aerosol-OT in n-Hexane. Journal of Colloid and Interface Science, 1995, 172, 71-76.	5.0	129
7	Properties of AOT Aqueous and Nonaqueous Microemulsions Sensed by Optical Molecular Probes. Langmuir, 2000, 16, 3070-3076.	1.6	106
8	Acidâ^'Base and Aggregation Processes of Acridine Orange Base in n-Heptane/AOT/Water Reverse Micelles. Langmuir, 2002, 18, 2039-2047.	1.6	102
9	Conductance of a biomolecular wire. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8686-8690.	3.3	88
10	Electrochemical properties of poly-ortho-aminophenol modified electrodes in aqueous acid solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 291, 81-101.	0.3	87
11	Micropolarity of Reversed Micelles: Comparison between Anionic, Cationic, and Nonionic Reversed Micelles. Journal of Colloid and Interface Science, 1996, 184, 570-578.	5.0	86
12	New Insights on the Behavior of PRODAN in Homogeneous Media and in Large Unilamellar Vesicles. Journal of Physical Chemistry B, 2006, 110, 11838-11846.	1.2	85
13	Photoelectrochemistry of Langmuirâ^'Blodgett Films of Carotenoid Pigments on ITO Electrodes. The Journal of Physical Chemistry, 1996, 100, 814-821.	2.9	84
14	Synthesis of porphyrin dyads with potential use in solar energy conversion. Journal of Materials Chemistry, 2000, 10, 645-650.	6.7	81
15	Porphyrin-fullerene C60 Dyads with High Ability to Form Photoinduced Charge-separated State as Novel Sensitizers for Photodynamic TherapyÂ¶. Photochemistry and Photobiology, 2005, 81, 891.	1.3	76
16	Studies of surface-modified glassy carbon electrodes obtained by electrochemical treatment. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 248, 321-340.	0.3	75
17	New Insights on the Photophysical Behavior of PRODAN in Anionic and Cationic Reverse Micelles:Â From Which State or States Does It Emit?. Journal of Physical Chemistry B, 2007, 111, 748-759.	1.2	75
18	Cationic Reverse Micelles Create Water with Super Hydrogenâ€Bondâ€Donor Capacity for Enzymatic Catalysis: Hydrolysis of 2â€Naphthyl Acetate by Î±â€Chymotrypsin. Chemistry - A European Journal, 2010, 16, 8887-8893.	1.7	75

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19	Effect of the Addition of a Nonaqueous Polar Solvent (Glycerol) on Enzymatic Catalysis in Reverse Micelles. Hydrolysis of 2-Naphthyl Acetate by Î±-Chymotrypsin. Langmuir, 2004, 20, 5732-5737.	1.6	69
20	On the Formation of New Reverse Micelles: A Comparative Study of Benzene/Surfactants/Ionic Liquids Systems Using UVâ^'Visible Absorption Spectroscopy and Dynamic Light Scattering. Langmuir, 2009, 25, 10426-10429.	1.6	67
21	What are the factors that control non-aqueous/AOT/n-heptane reverse micelle sizes? A dynamic light scattering study. Physical Chemistry Chemical Physics, 2009, 11, 11096.	1.3	67
22	Ion radicals. XXII. Reaction of thianthrenium perchlorate (C12H8S2.+ClO4-) with aromatics. Journal of Organic Chemistry, 1971, 36, 2923-2926.	1.7	63
23	A Unique Ionic Liquid with Amphiphilic Properties That Can Form Reverse Micelles and Spontaneous Unilamellar Vesicles. Chemistry - A European Journal, 2012, 18, 15598-15601.	1.7	61
24	Carboxyphenyl Metalloporphyrins as Photosensitizers of Semiconductor Film Electrodes. A Study of the Effect of Different Central Metals. Journal of Physical Chemistry B, 2005, 109, 20953-20962.	1.2	60
25	An Example of How to Use AOT Reverse Micelle Interfaces to Control a Photoinduced Intramolecular Charge-Transfer Process. Langmuir, 2008, 24, 4637-4646.	1.6	59
26	FTIR and1H NMR Studies of the Solubilization of Pure and Aqueous 1,2-Ethanediol in the Reverse Aggregates of Aerosol-OT. Langmuir, 2000, 16, 5573-5578.	1.6	56
27	Sensitive determination of ciprofloxacin and norfloxacin in biological fluids using an enzymatic rotating biosensor. Biosensors and Bioelectronics, 2006, 22, 109-115.	5.3	54
28	Synthesis and photophysical properties of Zn(II) porphyrin-C60 dyad with potential use in solar cells. Journal of Physical Organic Chemistry, 2002, 15, 844-851.	0.9	52
29	Photodynamic activity of monocationic and non-charged methoxyphenylporphyrin derivatives in homogeneous and biological media. Photochemical and Photobiological Sciences, 2003, 2, 926-933.	1.6	52
30	The use of acridine orange base (AOB) as molecular probe to characterize nonaqueous AOT reverse micelles. Journal of Colloid and Interface Science, 2006, 296, 356-364.	5.0	52
31	Solvent Blends Can Control Cationic Reversed Micellar Interdroplet Interactions. The Effect of n-Heptane:Benzene Mixture on BHDC Reversed Micellar Interfacial Properties: Droplet Sizes and Micropolarity. Journal of Physical Chemistry B, 2011, 115, 12076-12084.	1.2	52
32	Photosensitization of Thin SnO2Nanocrystalline Semiconductor Film Electrodes with Metallodiporphyrin. Journal of Physical Chemistry B, 2000, 104, 7644-7651.	1.2	48
33	Real Structure of Formamide Entrapped by AOT Nonaqueous Reverse Micelles:Â FT-IR and1H NMR Studies. Journal of Physical Chemistry B, 2005, 109, 21209-21219.	1.2	48
34	AOT reverse micelles as versatile reaction media for chitosan nanoparticles synthesis. Carbohydrate Polymers, 2017, 171, 85-93.	5.1	48
35	Effect of the Constrained Environment on the Interactions between the Surfactant and Different Polar Solvents Encapsulated within AOT Reverse Micelles. ChemPhysChem, 2009, 10, 2034-2040.	1.0	43
36	Exploratory Study of the Effect of Polar Solvents upon the Partitioning of Solutes in Nonaqueous Reverse Micellar Solutions. Langmuir, 2003, 19, 2067-2071.	1.6	42

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37	Ion radicals. XXV. Reactions of thianthrene and phenothiazine perchlorates with nitrite ion, pyridine, and other nucleophiles. Journal of Organic Chemistry, 1972, 37, 2691-2697.	1.7	41
38	Binding of Nitrodiphenylamines to Reverse Micelles of AOT inn-Hexane and Carbon Tetrachloride: Solvent and Substituent Effects. Journal of Colloid and Interface Science, 1998, 208, 96-103.	5.0	41
39	nâ€“Ï€ Electron donorâ€“acceptor complexes. II. Aliphatic amines with dinitrobenzenes. Canadian Journal of Chemistry, 1985, 63, 903-907.	0.6	40
40	Characterization of Multifunctional Reverse Micellesâ€™ Interfaces Using Hemicyanines as Molecular Probes. II: Effect of the Surfactant. Journal of Physical Chemistry B, 2009, 113, 6718-6724.	1.2	40
41	Interfacial water with special electron donor properties: Effect of waterâ€“surfactant interaction in confined reversed micellar environments and its influence on the coordination chemistry of a copper complex. Journal of Colloid and Interface Science, 2011, 355, 124-130.	5.0	40
42	Influence of Anionic and Cationic Reverse Micelles on Nucleophilic Aromatic Substitution Reaction between 1-Fluoro-2,4-dinitrobenzene and Piperidine. Journal of Organic Chemistry, 2000, 65, 6427-6433.	1.7	39
43	Catalysis in Micellar Media. Kinetics and Mechanism for the Reaction of 1-Fluoro-2,4-dinitrobenzene withn-Butylamine and Piperidine inn-Hexane and AOT/n-Hexane/Water Reverse Micelles. Journal of Organic Chemistry, 1999, 64, 5757-5763.	1.7	38
44	Layered Structure of Roomâ€Temperature Ionic Liquids in Microemulsions by Multinuclear NMR Spectroscopic Studies. Chemistry - A European Journal, 2011, 17, 6837-6846.	1.7	38
45	Enzymatic Hydrolysis of N-Benzoyl-<scp>l</scp>-Tyrosine p-Nitroanilide by Î±-Chymotrypsin in DMSO-Water/AOT/n-Heptane Reverse Micelles. A Unique Interfacial Effect on the Enzymatic Activity. Langmuir, 2013, 29, 8245-8254.	1.6	37
46	On the Investigation of the Dropletâ€“Droplet Interactions of Sodium 1,4â€Bis(2â€ethylhexyl) Sulfosuccinate Reverse Micelles upon Changing the External Solvent Composition and Their Impact on Gold Nanoparticle Synthesis. European Journal of Inorganic Chemistry, 2014, 2014, 2095-2102.	1.0	36
47	How the cation 1-butyl-3-methylimidazolium impacts the interaction between the entrapped water and the reverse micelle interface created with an ionic liquid-like surfactant. Soft Matter, 2016, 12, 830-844.	1.2	36
48	Comparison between Two Anionic Reverse Micelle Interfaces: The Role of Waterâ€“Surfactant Interactions in Interfacial Properties. ChemPhysChem, 2012, 13, 115-123.	1.0	35
49	Binding of nitroanilines to reverse micelles of AOT n-hexane. Journal of Molecular Liquids, 1997, 72, 163-176.	2.3	34
50	Solubilization and Release Properties of Dendrimers. Evaluation as Prospective Drug Delivery Systems. Supramolecular Chemistry, 2006, 18, 633-643.	1.5	33
51	Enzymatic oxidation of tert-butylcatechol in the presence of sulfhydryl compounds: Application to the amperometric detection of penicillamine. Talanta, 2007, 71, 1198-1204.	2.9	33
52	The effect of different interfaces and confinement on the structure of the ionic liquid 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide entrapped in cationic and anionic reverse micelles. Physical Chemistry Chemical Physics, 2012, 14, 3460.	1.3	33
53	Ionic Liquids Entrapped in Reverse Micelles as Nanoreactors for Bimolecular Nucleophilic Substitution Reaction. Effect of the Confinement on the Chloride Ion Availability. Langmuir, 2014, 30, 12130-12137.	1.6	33
54	Correlation of fluorescence quenching in carotenoporphyrin dyads with the energy of intramolecular charge transfer states. Effect of the number of conjugated double bonds of the carotenoid moiety. Physical Chemistry Chemical Physics, 2003, 5, 469-475.	1.3	32

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55	Inhibited Phenol Ionization in Reverse Micelles: Confinement Effect at the Nanometer Scale. ChemPhysChem, 2012, 13, 124-130.	1.0	31
56	PRODAN Dual Emission Feature To Monitor BHDC Interfacial Properties Changes with the External Organic Solvent Composition. Langmuir, 2013, 29, 3556-3566.	1.6	31
57	Solvatochromic study on nitroanilines. Preferential solvation vs dielectric enrichment in binary solvent mixtures. Spectrochimica Acta Part A: Molecular Spectroscopy, 1994, 50, 719-726.	0.1	30
58	A New Organized Media: Glycerol:N,N-Dimethylformamide Mixtures/AOT/n-Heptane Reversed Micelles. The Effect of Confinement on Preferential Solvation. Journal of Physical Chemistry B, 2011, 115, 5894-5902.	1.2	30
59	On the investigation of the bilayer functionalities of 1,2-di-oleoyl-sn-glycero-3-phosphatidylcholine (DOPC) large unilamellar vesicles using cationic hemicyanines as optical probes: A wavelength-selective fluorescence approach. Journal of Colloid and Interface Science, 2008, 317, 332-345.	5.0	29
60	Substituent Effects on Binding Constants of Carotenoids to n-Heptane/AOT Reverse Micelles. Journal of Colloid and Interface Science, 2001, 240, 573-580.	5.0	28
61	Electrochemistry in AOT Reverse Micelles. A Powerful Technique To Characterize Organized Media. Journal of Physical Chemistry C, 2007, 111, 4269-4276.	1.5	28
62	Distribution of amines in water/AOT/n-hexane reverse micelles: influence of the amine chemical structure. Journal of Colloid and Interface Science, 2005, 286, 245-252.	5.0	27
63	Role of the Medium on the C343 Inter/Intramolecular Hydrogen Bond Interactions. An Absorption, Emission, and 1HNMR Investigation of C343 in Benzene/n-Heptane Mixtures. Journal of Physical Chemistry A, 2010, 114, 7326-7330.	1.1	26
64	More Evidence on the Control of Reverse Micelles Sizes. Combination of Different Techniques as a Powerful Tool to Monitor AOT Reversed Micelles Properties. Journal of Physical Chemistry B, 2013, 117, 3818-3828.	1.2	26
65	The impact of the polar core size and external organic media composition on micelleâ€“micelle interactions: the effect on gold nanoparticle synthesis. New Journal of Chemistry, 2015, 39, 8887-8895.	1.4	26
66	Dielectric enrichment in binary solvent mixtures. The intramolecular hydrogen bond in N-alkyl-substituted o-nitroanilines. Substituent effects. Canadian Journal of Chemistry, 1992, 70, 2677-2682.	0.6	25
67	Characterization of Multifunctional Reverse Micellesâ€™ Interfaces Using Hemicyanines as Molecular Probes. I. Effect of the Hemicyaninesâ€™ Structure. Journal of Physical Chemistry B, 2009, 113, 4284-4292.	1.2	25
68	Solvent effects on the vibrational structure of the ultraviolet spectra of cyanoaromatics. The influence of electronâ€”donorâ€”acceptor (EDA) interactionsâ€”II. Studies in binary solvent mixtures. Spectrochimica Acta Part A: Molecular Spectroscopy, 1988, 44, 829-833.	0.1	24
69	Effect of the Cationic Surfactant Moiety on the Structure of Water Entrapped in Two Catanionic Reverse Micelles Created from Ionic Liquidâ€Like Surfactants. ChemPhysChem, 2014, 15, 3097-3109.	1.0	24
70	Ion radicals. XXIV. Reaction of thianthrene perchlorate with ammonia. Journal of the American Chemical Society, 1972, 94, 1026-1027.	6.6	23
71	Title is missing!. Journal of Solution Chemistry, 2001, 30, 237-252.	0.6	23
72	Use of Ionic Liquids-like Surfactants for the Generation of Unilamellar Vesicles with Potential Applications in Biomedicine. Langmuir, 2019, 35, 13332-13339.	1.6	23

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73	Electrochemical detection of silver ions and the study of metalâ€“polymer interactions on a polybenzidine film electrode. Journal of Electroanalytical Chemistry, 2000, 494, 60-68.	1.9	22
74	Synthesis of 5-(4-Acetamidophenyl)-10,15,20-tris(4-Substituted Phenyl) Porphyrins using Dipyrromethanes. Synthetic Communications, 1999, 29, 3353-3368.	1.1	21
75	Evaluation of a new dendrimeric structure as prospective drugs carrier for intravenous administration of antichagasic active compounds. Journal of Physical Organic Chemistry, 2008, 21, 1079-1085.	0.9	21
76	Singularities in the physicochemical properties of spontaneous AOT-BHD unilamellar vesicles in comparison with DOPC vesicles. Physical Chemistry Chemical Physics, 2015, 17, 17112-17121.	1.3	21
77	Solvatochromism of anthraquinone and symmetrical dihydroxy derivatives. Local interactions. Spectrochimica Acta Part A: Molecular Spectroscopy, 1993, 49, 903-912.	0.1	20
78	Penicillamine determination using a tyrosinase micro-rotating biosensor. Analytica Chimica Acta, 2006, 580, 136-142.	2.6	20
79	An Interesting Case Where Water Behaves as a Unique Solvent. 4-Aminophthalimide Emission Profile to Monitor Aqueous Environment. Journal of Physical Chemistry B, 2013, 117, 2160-2168.	1.2	20
80	Electron donor ionic liquids entrapped in anionic and cationic reverse micelles. Effects of the interface on the ionic liquidâ€“surfactant interactions. Physical Chemistry Chemical Physics, 2013, 15, 16746.	1.3	20
81	Electrochemical behavior of surface-modified glassy carbon electrodes obtained by electrochemical treatment. Its effect on the oxidation of aromatic amines in aqueous media. Journal of Electroanalytical Chemistry, 1993, 350, 251-265.	1.9	19
82	Synthesis of a porphyrinâ€“C60 dyad for potential use in solar energy conversion. Dyes and Pigments, 2001, 50, 163-170.	2.0	19
83	Hydrogen bonding and dipolar interactions between quinolines and organic solvents. Nuclear magnetic resonance and ultravioletâ€“visible spectroscopic studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 1541-1553.	2.0	19
84	The use of two non-toxic lipophilic oils to generate environmentally friendly anionic reverse micelles without cosurfactant. Comparison with the behavior found for traditional organic non-polar solvents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 354-362.	2.3	18
85	A protic ionic liquid, when entrapped in cationic reverse micelles, can be used as a suitable solvent for a bimolecular nucleophilic substitution reaction. Organic and Biomolecular Chemistry, 2016, 14, 3170-3177.	1.5	18
86	Solvent effects in aromatic nucleophilic substitution reactions in non-polar aprotic solvents. Inhibition by electron-donor-acceptor (EDA) complexation of the substrate by aromatic solvents. Journal of Physical Organic Chemistry, 1992, 5, 557-566.	0.9	17
87	Adsorption of Simple Flavonoids: Heterogeneous Isomerization of Flavanone in 2â€²-Hydroxychalcone. Journal of Colloid and Interface Science, 1996, 180, 144-148.	5.0	17
88	On the Possibility That Cyclodextrins' Chiral Cavities Can Be Available on AOT n-Heptane Reverse Micelles. A UVâˆ•Visible and Induced Circular Dichroism Study. Journal of Physical Chemistry B, 2007, 111, 10703-10712.	1.2	17
89	How TOPO affects the interface of the novel mixed water/AOT:TOPO/n-heptane reverse micelles: dynamic light scattering and Fourier transform infrared spectroscopy studies. Physical Chemistry Chemical Physics, 2014, 16, 15457-15468.	1.3	17
90	Supramolecular Assemblies Obtained by Mixing Different Cyclodextrins and AOT or BHDC Reverse Micelles. Langmuir, 2014, 30, 3354-3362.	1.6	17

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91	Dropletâ€“droplet interactions investigated using a combination of electrochemical and dynamic light scattering techniques. The case of water/BHDC/benzene:n-heptane system. Soft Matter, 2015, 11, 2952-2962.	1.2	17
92	Improvement of the amphiphilic properties of a dialkyl phosphate by creation of a protic ionic liquid-like surfactant. RSC Advances, 2017, 7, 44743-44750.	1.7	17
93	Non-aqueous reverse micelles media for the SNAr reaction between 1-fluoro-2,4-dinitrobenzene and piperidine. Journal of Physical Organic Chemistry, 2006, 19, 805-812.	0.9	16
94	An Alternative Approach to Quantify Partition Processes in Confined Environments: The Electrochemical Behavior of PRODAN in Unilamellar Vesicles. ChemPhysChem, 2010, 11, 236-244.	1.0	16
95	Electrochemistry in large unilamellar vesicles. The distribution of 1-naphthol studied by square wave voltammetry. Electrochimica Acta, 2011, 56, 10231-10237.	2.6	16
96	Interfacial properties modulated by the water confinement in reverse micelles created by the ionic liquid-like surfactant bmim-AOT. Soft Matter, 2019, 15, 947-955.	1.2	16
97	Biocompatible Solvents and Ionic Liquid-Based Surfactants as Sustainable Components to Formulate Environmentally Friendly Organized Systems. Polymers, 2021, 13, 1378.	2.0	15
98	Anodic oxidation of 1-naphthylamine in methylene chlorideâ€”temperature effects. Electrochimica Acta, 1989, 34, 127-132.	2.6	14
99	Interaction of Iodine with Aerosol-OT in Reversed Micelles in n-Hexane. Journal of Colloid and Interface Science, 1994, 164, 410-415.	5.0	14
100	Aromatic nucleophilic substitution reactions of 1,2-dinitrobenzene with aliphatic primary amines in n-hexane; catalysis by non-nucleophilic bases. Journal of the Chemical Society Perkin Transactions II, 1987, , 987.	0.9	13
101	Kinetics of the reactions between 1,2-dinitrobenzene and aliphatic primary amines in benzene. A probable mechanism for the observed mild acceleration. Journal of the Chemical Society Perkin Transactions II, 1988, , 1585.	0.9	13
102	Mechanistic study of the nitration of naphthalene by its electrochemical oxidation in the presence of nitrite ion in acetonitrile solutions. Journal of Electroanalytical Chemistry, 1995, 394, 245-251.	1.9	13
103	Electrochemical nitration of naphthalene in the presence of nitrite ion in aqueous non-ionic surfactant solutions. Journal of Electroanalytical Chemistry, 1999, 470, 157-165.	1.9	13
104	Effect of Confinement on the Properties of Sequestered Mixed Polar Solvents: Enzymatic Catalysis in Nonaqueous 1,4â€Bisâ€2â€ethylhexylsulfosuccinate Reverse Micelles. ChemPhysChem, 2016, 17, 1678-1685.	1.0	13
105	Relevant physicochemical factors in chromatographic separation of Alternaria alternata mycotoxins. Analytica Chimica Acta, 1998, 370, 79-89.	2.6	12
106	Synthesis of a diporphyrin dyad bearing electron-donor and electron-withdrawing substituents with potential use in the spectral sensitization of semiconductor solar cells. Journal of Porphyrins and Phthalocyanines, 2003, 07, 42-51.	0.4	12
107	Comparative Study of the Photophysical Behavior of Fisetin in Homogeneous Media and in Anionic and Cationic Reverse Micelles Mediaâ€. Photochemistry and Photobiology, 2007, 83, 486-493.	1.3	12
108	How the Type of Cosurfactant Impacts Strongly on the Size and Interfacial Composition in Gemini 12-2-12 RMs Explored by DLS, SLS, and FTIR Techniques. Journal of Physical Chemistry B, 2016, 120, 467-476.	1.2	12

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109	Influence of the AOT Counterion Chemical Structure on the Generation of Organized Systems. Langmuir, 2020, 36, 10785-10793.	1.6	12
110	Synthesis of Substituted Diphenylamines Under Phase Transfer Catalysis. Synthetic Communications, 1996, 26, 3849-3858.	1.1	11
111	Characterization of different reverse micelle interfaces using the reaction of 4-fluoro-3-nitrobenzoate with piperidine. Journal of Physical Organic Chemistry, 2005, 18, 121-127.	0.9	11
112	Relationship Between Physicochemical Properties and Herbicidal Activity of 1,2,5-Oxadiazole N-Oxide Derivatives. Molecules, 2005, 10, 1197-1208.	1.7	11
113	Combination of a protic ionic liquid-like surfactant and biocompatible solvents to generate environmentally friendly anionic reverse micelles. New Journal of Chemistry, 2019, 43, 10398-10404.	1.4	11
114	Kinetics of the reaction between 1,2-dinitrobenzene and piperidine in n-hexane. Role of electron donorâ€“acceptor complexes in the mechanism. Catalysis by pyridine. Journal of the Chemical Society Perkin Transactions II, 1987, , 79-83.	0.9	10
115	On the characterization of NaDEHP/n-heptane nonaqueous reverse micelles: the effect of the polar solvent. Physical Chemistry Chemical Physics, 2015, 17, 7002-7011.	1.3	10
116	Micropolarity and Hydrogenâ€Bond Donor Ability of Environmentally Friendly Anionic Reverse Micelles Explored by UV/Vis Absorption of a Molecular Probe and FTIR Spectroscopy. ChemPhysChem, 2018, 19, 759-765.	1.0	10
117	Structural Characterization of Biocompatible Reverse Micelles Using Small-Angle X-ray Scattering, ³¹P Nuclear Magnetic Resonance, and Fluorescence Spectroscopy. Journal of Physical Chemistry B, 2018, 122, 4366-4375.	1.2	10
118	Nanoscale Control Over Interfacial Properties in Mixed Reverse Micelles Formulated by Using Sodium 1,4â€bisâ€2â€ethylhexylsulfosuccinate and Triâ€nâ€octyl Phosphine Oxide Surfactants. ChemPhysChem, 2016, 17, 2407-2414.	1.0	9
119	Binding of o-nitroaniline to nonaqueous AOT reverse micelles. Arkivoc, 2011, 2011, 369-379.	0.3	9
120	Electrooxidation of Î² -carotene in chlorinated solvents. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 319, 415-422.	0.3	8
121	Kinetics of the reaction between phenylacetonitrile and 2-chloro-5-nitro-1-(trifluoromethyl)benzene under phase-transfer catalysis conditions. Journal of Organic Chemistry, 1993, 58, 7115-7119.	1.7	8
122	Factor analysis applied to the study of retention mechanism of nitroanilines in normal phase high performance liquid chromatography. Analytica Chimica Acta, 1999, 402, 285-295.	2.6	8
123	Spectroscopic and theoretical studies of derivatives of 1,6- and 1,7-naphthyridines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 1399-1407.	2.0	8
124	Photosensitization of thin SnO2 nanocrystalline semiconductor film electrodes with electron donorâ€“acceptor metallodiporphyrin dyad. Chemical Physics, 2005, 312, 97-109.	0.9	8
125	Spontaneous catanionic vesicles formed by the interaction between an anionic Î²-cyclodextrins derivative and a cationic surfactant. RSC Advances, 2018, 8, 12535-12539.	1.7	8
126	Photoreactions of riboflavin in the presence of 2,4-dichlorophenoxyacetic acid (2,4-D). Journal of Agricultural and Food Chemistry, 1976, 24, 679-680.	2.4	7

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127	n-Ï€ Electron donorâ€“acceptor complexes. III. Aliphatic amines with dicyanobenzenes. Electric and steric effects of the N-substituents on complex formation. Canadian Journal of Chemistry, 1986, 64, 1491-1495.	0.6	7
128	Determining the substrate permeability through the bilayer of large unilamellar vesicles of DOPC. A kinetic study. RSC Advances, 2016, 6, 62594-62601.	1.7	7
129	Properties of AOT reverse micelle interfaces with different polar solvents. Journal of Physical Organic Chemistry, 2016, 29, 580-585.	0.9	7
130	Modified reverse micelle method as facile way to obtain several gold nanoparticle morphologies. Journal of Molecular Liquids, 2021, 331, 115709.	2.3	7
131	Kinetics and mechanism for the reaction of 1-chloro-2,4-dinitrobenzene with n-butylamine and piperidine in AOT/n-hexane/water reverse micelles. Arkivoc, 2003, 2003, 189-200.	0.3	7
132	Determination of lipophilic descriptors of antihelmintic 6,7-diaryl-pteridine derivatives useful for bioactivity predictions. Biomedical Chromatography, 2003, 17, 365-372.	0.8	6
133	C343 behavior in benzene/AOT reverse micelles. The role of the dye solubilization in the non-polar organic pseudophase. Dyes and Pigments, 2012, 95, 290-295.	2.0	6
134	Subtleties of catanionic surfactant reverse micelle assemblies revealed by a fluorescent molecular probe. Methods and Applications in Fluorescence, 2017, 5, 044001.	1.1	6
135	Catanionic Reverse Micelles as an Optimal Microenvironment To Alter the Water Electron Donor Capacity in a S_N2 Reaction. Journal of Organic Chemistry, 2019, 84, 1185-1191.	1.7	6
136	Imim-DEHP reverse micelles investigated with two molecular probes reveals how are the interfacial properties and the coordination behavior of the surfactant. Journal of Molecular Liquids, 2020, 313, 113592.	2.3	6
137	Amphiphilic ionic liquids as sustainable components to formulate promising vesicles to be used in nanomedicine. Current Opinion in Green and Sustainable Chemistry, 2020, 26, 100382.	3.2	6
138	Interaction between tetracyanoethylene and naphthalene in reverse micelles of AOT in n-hexane. The electron-donor properties of AOT. Canadian Journal of Chemistry, 1996, 74, 1603-1608.	0.6	5
139	Kinetics of the Reaction between 2-Phenylpropionitrile and 2-Chloro-5-nitrotrifluoromethylbenzene under Phase-Transfer Catalysis. Journal of Organic Chemistry, 2005, 70, 4659-4666.	1.7	5
140	Non-aqueous reverse micelles created with a cationic surfactant: Encapsulating ethylene glycol in BHDC/non-polar solvent blends. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 467-473.	2.3	5
141	On the design of a versatile ionic liquid, AOBH-DEHP, which can be used as a new molecular probe to investigate supramolecular assemblies. Dyes and Pigments, 2017, 138, 68-76.	2.0	5
142	Interaction of aliphatic amino acids with riboflavin. Tetrahedron Letters, 1977, 18, 2073-2076.	0.7	4
143	How the external solvent in biocompatible reverse micelles can improve the alkaline phosphatase behavior. Organic and Biomolecular Chemistry, 2021, 19, 4969-4977.	1.5	4
144	Monitoring the microenvironment inside polymeric micelles using the fluorescence probe 6-propionyl-2-dimethylaminonaphthalene (PRODAN). Journal of Molecular Liquids, 2021, 343, 117552.	2.3	4

#	Article	IF	Citations
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