

# N Mariano Correa

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

3,484  
citations

33  
h-index

53  
g-index

134  
ext. papers

3,711  
ext. citations

4.8  
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5.32  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 131 | A simple electrochemical immunosensor for sensitive detection of transgenic soybean protein CP4-EPSPS in seeds. <i>Talanta</i> , <b>2022</b> , 237, 122910  | 6.2 | 0         |
| 130 | Deciphering Solvation Effects in Aqueous Binary Mixtures by Fluorescence Behavior of 4-Aminophthalimide: The Comparison Between Ionic Liquids and Alcohols as Cosolvents. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 13203-13211                                 | 3.4 |           |
| 129 | Is it Necessary for the Use of Fluorinated Compounds to Formulate Reverse Micelles in a Supercritical Fluid? Searching the Best Cosurfactant to Create "Green" AOT Reverse Micelle Media. <i>Langmuir</i> , <b>2021</b> , 37, 445-453   | 4   | 1         |
| 128 | Biocompatible Solvents and Ionic Liquid-Based Surfactants as Sustainable Components to Formulate Environmentally Friendly Organized Systems. <i>Polymers</i> , <b>2021</b> , 13,  | 4.5 | 3         |
| 127 | Spectroscopic characterization and general features of piroxicam encapsulated in nanostructured lipid carriers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 616, 126340   | 5.1 | 0         |
| 126 | Modified reverse micelle method as facile way to obtain several gold nanoparticle morphologies. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 331, 115709   | 6   | 3         |
| 125 | How the external solvent in biocompatible reverse micelles can improve the alkaline phosphatase behavior. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 4969-4977   | 3.9 | 1         |
| 124 | New Insights into the Catalytic Activity and Reusability of Water-Soluble Silver Nanoparticles. <i>ChemistrySelect</i> , <b>2021</b> , 6, 7436-7442   | 1.8 | 1         |
| 123 | Monitoring the microenvironment inside polymeric micelles using the fluorescence probe 6-propionyl-2-dimethylaminonaphthalene (PRODAN). <i>Journal of Molecular Liquids</i> , <b>2021</b> , 343, 117552   | 6   | 0         |
| 122 | Imim-DEHP reverse micelles investigated with two molecular probes reveals how are the interfacial properties and the coordination behavior of the surfactant. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 313, 113592   | 6   | 5         |
| 121 | Amphiphilic ionic liquids as sustainable components to formulate promising vesicles to be used in nanomedicine. <i>Current Opinion in Green and Sustainable Chemistry</i> , <b>2020</b> , 26, 100382  | 7.9 | 4         |
| 120 | Piroxicam-Loaded Nanostructured Lipid Nanocarriers Modified with Salicylic Acid: The Effect on Drug Release. <i>ChemistrySelect</i> , <b>2020</b> , 5, 804-809  | 1.8 |           |
| 119 | Role of micellar interface in the synthesis of chitosan nanoparticles formulated by reverse micellar method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 599, 124876  | 5.1 | 12        |
| 118 | Noscapine-Loaded Nanostructured Lipid Carriers as a Potential Topical Delivery to Bovine Mastitis Treatment. <i>ChemistrySelect</i> , <b>2020</b> , 5, 5922-5927  | 1.8 |           |
| 117 | Spontaneous formation of unilamellar vesicles based on the surfactant 1-methylimidazolium bis-(2-ethylhexyl) phosphate, evaluated as a function of pH and in saline solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 606, 125435 | 5.1 | 4         |
| 116 | Catanionic nanocarriers as a potential vehicle for insulin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 188, 110759  | 6   | 8         |
| 115 | Understanding Metallic Nanoparticles Stabilization in Water by Imidazolium Salts: A Complete Physicochemical Study. <i>ChemistrySelect</i> , <b>2020</b> , 5, 11264-11271   | 1.8 | 2         |

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| 114 | Piroxicam-loaded nanostructured lipid carriers gel: Design and characterization by square wave voltammetry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 606, 125396                      | 5.1 | 6  |
| 113 | Influence of the AOT Counterion Chemical Structure on the Generation of Organized Systems. <i>Langmuir</i> , <b>2020</b> , 36, 10785-10793   | 4   | 4  |
| 112 | Polyclonal antibody production anti Pc_312-324 peptide. Its potential use in electrochemical immunosensors for transgenic soybean detection. <i>Bioelectrochemistry</i> , <b>2020</b> , 131, 107397                                  | 5.6 | 3  |
| 111 | Water-soluble gold nanoparticles: recyclable catalysts for the reduction of aromatic nitro compounds in water.. <i>RSC Advances</i> , <b>2020</b> , 10, 15065-15071  | 3.7 | 6  |
| 110 | Use of Ionic Liquids-like Surfactants for the Generation of Unilamellar Vesicles with Potential Applications in Biomedicine. <i>Langmuir</i> , <b>2019</b> , 35, 13332-13339   | 4   | 13 |
| 109 | Interfacial properties modulated by the water confinement in reverse micelles created by the ionic liquid-like surfactant bmim-AOT. <i>Soft Matter</i> , <b>2019</b> , 15, 947-955   | 3.6 | 13 |
| 108 | Interfacial Dynamics and Its Relations with ?Negative? Surface Viscosities Measured at Water?Air Interfaces Covered with a Cationic Surfactant. <i>Langmuir</i> , <b>2019</b> , 35, 8333-8343  | 4   | 6  |
| 107 | Combination of a protic ionic liquid-like surfactant and biocompatible solvents to generate environmentally friendly anionic reverse micelles. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10398-10404                       | 3.6 | 9  |
| 106 | Supramolecular Systems as an Alternative for Enzymatic Degradation of 1-Naphthyl Methylcarbamate (Carbaryl) Pesticide. <i>ChemistrySelect</i> , <b>2019</b> , 4, 7204-7210   | 1.8 | 4  |
| 105 | Electrochemical Methodology as an Useful Tool for the Interfacial Characterization of Aqueous Reverse Micelles. <i>ChemistrySelect</i> , <b>2019</b> , 4, 14309-14314  | 1.8 | 1  |
| 104 | Gold Nanoparticles Stabilized by Sulfonated-Imidazolium Salts as Promising Catalyst in Water. <i>ChemistrySelect</i> , <b>2019</b> , 4, 13496-13502  | 1.8 | 6  |
| 103 | Vehiculization of noscapiene in large unilamellar vesicles. Study of its protective role against lipid peroxidation by electrochemical techniques. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 833, 26-32          | 4.1 | 3  |
| 102 | Catanionic Reverse Micelles as an Optimal Microenvironment To Alter the Water Electron Donor Capacity in a S2 Reaction. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 1185-1191  | 4.2 | 4  |
| 101 | Spontaneous catanionic vesicles formed by the interaction between an anionic $\beta$ -cyclodextrins derivative and a cationic surfactant.. <i>RSC Advances</i> , <b>2018</b> , 8, 12535-12539  | 3.7 | 5  |
| 100 | Characterization of a label system formed by large unilamellar vesicles for its potential use in the design of electrochemical biosensors. <i>Microchemical Journal</i> , <b>2018</b> , 140, 105-113                                 | 4.8 | 2  |
| 99  | Micropolarity and Hydrogen-Bond Donor Ability of Environmentally Friendly Anionic Reverse Micelles Explored by UV/Vis Absorption of a Molecular Probe and FTIR Spectroscopy. <i>ChemPhysChem</i> , <b>2018</b> , 19, 759-765         | 3.2 | 10 |
| 98  | Study of lipid peroxidation and ascorbic acid protective role in large unilamellar vesicles from a new electrochemical performance. <i>Bioelectrochemistry</i> , <b>2018</b> , 120, 120-126  | 5.6 | 9  |
| 97  | Structural Characterization of Biocompatible Reverse Micelles Using Small-Angle X-ray Scattering, P Nuclear Magnetic Resonance, and Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 4366-4375 | 3.4 | 10 |

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| 96 | Unique catanionic vesicles as a potential Nano-Taxi for drug delivery systems. In vitro and in vivo biocompatibility evaluation. <i>RSC Advances</i> , <b>2017</b> , 7, 5372-5380   | 3.7  | 13   |
| 95 | AOT reverse micelles as versatile reaction media for chitosan nanoparticles synthesis. <i>Carbohydrate Polymers</i> , <b>2017</b> , 171, 85-93  | 10.3 | 34   |
| 94 | The Use of AOBH-DEHP Molecular Probe to Characterize BHDC Reverse Micelles Interfaces. Insights on the Interfacial Water Structure. <i>ChemistrySelect</i> , <b>2017</b> , 2, 2880-2887   | 1.8  | 1    |
| 93 | Determination of Benzyl-hexadecyldimethylammonium 1,4-Bis(2-ethylhexyl)sulfosuccinate Vesicle Permeability by Using Square Wave Voltammetry and an Enzymatic Reaction. <i>Langmuir</i> , <b>2017</b> , 33, 12080-12086 <sup>6</sup>           | 4.2  | 2086 |
| 92 | Improvement of the amphiphilic properties of a dialkyl phosphate by creation of a protic ionic liquid-like surfactant. <i>RSC Advances</i> , <b>2017</b> , 7, 44743-44750   | 3.7  | 12   |
| 91 | Subtleties of catanionic surfactant reverse micelle assemblies revealed by a fluorescent molecular probe. <i>Methods and Applications in Fluorescence</i> , <b>2017</b> , 5, 044001   | 3.1  | 4    |
| 90 | Gold nanoparticles stabilized with sulphonated imidazolium salts in water and reverse micelles. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 170481   | 3.3  | 21   |
| 89 | On the design of a versatile ionic liquid, AOBH-DEHP, which can be used as a new molecular probe to investigate supramolecular assemblies. <i>Dyes and Pigments</i> , <b>2017</b> , 138, 68-76  | 4.6  | 4    |
| 88 | Non-aqueous reverse micelles created with a cationic surfactant: Encapsulating ethylene glycol in BHDC/non-polar solvent blends. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 509, 467-473         | 5.1  | 5    |
| 87 | Determining the substrate permeability through the bilayer of large unilamellar vesicles of DOPC. A kinetic study. <i>RSC Advances</i> , <b>2016</b> , 6, 62594-62601   | 3.7  | 5    |
| 86 | Properties of AOT reverse micelle interfaces with different polar solvents. <i>Journal of Physical Organic Chemistry</i> , <b>2016</b> , 29, 580-585  | 2.1  | 6    |
| 85 | Square Wave Voltammetry: An Alternative Technique to Determinate Piroxicam Release Profiles from Nanostructured Lipid Carriers. <i>ChemPhysChem</i> , <b>2016</b> , 17, 2322-8  | 3.2  | 5    |
| 84 | A protic ionic liquid, when entrapped in cationic reverse micelles, can be used as a suitable solvent for a bimolecular nucleophilic substitution reaction. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 3170-7 <sup>9</sup> | 3.9  | 15   |
| 83 | 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. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 467-7 <sup>4</sup>         | 7.4  | 11   |
| 82 | 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. <i>Soft Matter</i> , <b>2016</b> , 12, 830-4 <sup>4</sup>      | 3.6  | 30   |
| 81 | Gold nanoparticles covalently assembled onto vesicle structures as possible biosensing platform. <i>Beilstein Journal of Nanotechnology</i> , <b>2016</b> , 7, 655-63   | 3    | 6    |
| 80 | Effect of Confinement on the Properties of Sequestered Mixed Polar Solvents: Enzymatic Catalysis in Nonaqueous 1,4-Bis-2-ethylhexylsulfosuccinate Reverse Micelles. <i>ChemPhysChem</i> , <b>2016</b> , 17, 1678-85                           | 3.2  | 11   |
| 79 | Nanoscale Control Over Interfacial Properties in Mixed Reverse Micelles Formulated by Using Sodium 1,4-bis-2-ethylhexylsulfosuccinate and Tri-n-octyl Phosphine Oxide Surfactants. <i>ChemPhysChem</i> , <b>2016</b> , 17, 2407-14            | 3.2  | 8    |

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| 78 | Electrochemical and photophysical behavior of 1-naphthol in benzyl-n-hexadecyldimethylammonium 1,4-bis(2-ethylhexyl)sulfosuccinate large unilamellar vesicles. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 15645-53   | 3.6 | 4  |
| 77 | Droplet-droplet interactions investigated using a combination of electrochemical and dynamic light scattering techniques. The case of water/BHDC/benzene:n-heptane system. <i>Soft Matter</i> , <b>2015</b> , 11, 2952-62  | 3.6 | 17 |
| 76 | Green Electrodes Modified with Au Nanoparticles Synthesized in Glycerol, as Electrochemical Nitrite Sensor. <i>Electroanalysis</i> , <b>2015</b> , 27, 1883-1891   | 3   | 15 |
| 75 | The impact of the polar core size and external organic media composition on micelle-micelle interactions: the effect on gold nanoparticle synthesis. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8887-8895   | 3.6 | 22 |
| 74 | Ionic Liquids in Soft Confinement <b>2015</b> , 283-301  |     | 3  |
| 73 | Singularities in the physicochemical properties of spontaneous AOT-BHD unilamellar vesicles in comparison with DOPC vesicles. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 17112-21  | 3.6 | 16 |
| 72 | The hydrolysis of phenyl trifluoroacetate in AOT/n-heptane RMs as a sensor of the encapsulated water structure. <i>RSC Advances</i> , <b>2015</b> , 5, 34878-34884   | 3.7 | 8  |
| 71 | On the characterization of NaDEHP/n-heptane nonaqueous reverse micelles: the effect of the polar solvent. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 7002-11   | 3.6 | 10 |
| 70 | On the Investigation of the Droplet-Droplet Interactions of Sodium 1,4-Bis(2-ethylhexyl) Sulfosuccinate Reverse Micelles upon Changing the External Solvent Composition and Their Impact on Gold Nanoparticle Synthesis. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2095-2102          | 2.3 | 34 |
| 69 | 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. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 15457-68   | 3.6 | 16 |
| 68 | Effect of the cationic surfactant moiety on the structure of water entrapped in two catanionic reverse micelles created from ionic liquid-like surfactants. <i>ChemPhysChem</i> , <b>2014</b> , 15, 3097-109   | 3.2 | 22 |
| 67 | Probing the microenvironment of unimicelles constituted of amphiphilic hyperbranched polyethyleneimine using 1-methyl-8-oxyquinolinium betaine. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 13458-64  | 3.6 | 4  |
| 66 | Ionic liquids entrapped in reverse micelles as nanoreactors for bimolecular nucleophilic substitution reaction. Effect of the confinement on the chloride ion availability. <i>Langmuir</i> , <b>2014</b> , 30, 12130-7  | 4   | 31 |
| 65 | Molecular dynamics simulation of water/BHDC cationic reverse micelles. structural characterization, dynamical properties, and influence of solvent on intermicellar interactions. <i>Langmuir</i> , <b>2014</b> , 30, 9643-53  | 4   | 33 |
| 64 | Supramolecular assemblies obtained by mixing different cyclodextrins and AOT or BHDC reverse micelles. <i>Langmuir</i> , <b>2014</b> , 30, 3354-62   | 4   | 17 |
| 63 | 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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 457, 354-362 | 5.1 | 18 |
| 62 | An interesting case where water behaves as a unique solvent. 4-Aminophthalimide emission profile to monitor aqueous environment. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 2160-8  | 3.4 | 18 |
| 61 | Electron donor ionic liquids entrapped in anionic and cationic reverse micelles. Effects of the interface on the ionic liquid-surfactant interactions. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 16746-57   | 3.6 | 19 |

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| 60 | PRODAN dual emission feature to monitor BHDC interfacial properties changes with the external organic solvent composition. <i>Langmuir</i> , <b>2013</b> , 29, 3556-66   | 4    | 29  |
| 59 | More evidence on the control of reverse micelles sizes. Combination of different techniques as a powerful tool to monitor AOT reversed micelles properties. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 3818-28  | 3.4  | 24  |
| 58 | Reply to "Comment on 'An interesting case where water behaves as a unique solvent. 4-Aminophthalimide emission profile to monitor aqueous environment'". <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 5389-91   | 3.4  | 1   |
| 57 | Enzymatic hydrolysis of N-benzoyl-L-tyrosine p-nitroanilide by $\beta$ -chymotrypsin in DMSO-water/AOT/n-heptane reverse micelles. A unique interfacial effect on the enzymatic activity. <i>Langmuir</i> , <b>2013</b> , 29, 8245-54  | 4    | 34  |
| 56 | C343 behavior in benzene/AOT reverse micelles. The role of the dye solubilization in the non-polar organic pseudophase. <i>Dyes and Pigments</i> , <b>2012</b> , 95, 290-295   | 4.6  | 6   |
| 55 | Inhibited phenol ionization in reverse micelles: confinement effect at the nanometer scale. <i>ChemPhysChem</i> , <b>2012</b> , 13, 124-30   | 3.2  | 28  |
| 54 | Comparison between two anionic reverse micelle interfaces: the role of water-surfactant interactions in interfacial properties. <i>ChemPhysChem</i> , <b>2012</b> , 13, 115-23   | 3.2  | 32  |
| 53 | A unique ionic liquid with amphiphilic properties that can form reverse micelles and spontaneous unilamellar vesicles. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 15598-601   | 4.8  | 55  |
| 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. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 3460-70             | 3.6  | 32  |
| 51 | Nonaqueous polar solvents in reverse micelle systems. <i>Chemical Reviews</i> , <b>2012</b> , 112, 4569-602  | 68.1 | 194 |
| 50 | 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. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 12076-84             | 3.4  | 48  |
| 49 | Electrochemistry in large unilamellar vesicles. The distribution of 1-naphthol studied by square wave voltammetry. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 10231-10237  | 6.7  | 15  |
| 48 | Layered structure of room-temperature ionic liquids in microemulsions by multinuclear NMR spectroscopic studies. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 6837-46   | 4.8  | 37  |
| 47 | A new organized media: glycerol:N,N-dimethylformamide mixtures/AOT/n-heptane reversed micelles. The effect of confinement on preferential solvation. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 5894-902  | 3.4  | 29  |
| 46 | Interfacial water with special electron donor properties: effect of water-surfactant interaction in confined reversed micellar environments and its influence on the coordination chemistry of a copper complex. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 355, 124-30 | 9.3  | 38  |
| 45 | Binding of o-nitroaniline to nonaqueous AOT reverse micelles. <i>Arkivoc</i> , <b>2011</b> , 2011, 369-379   | 0.9  | 9   |
| 44 | A kinetic study of the photodynamic effect on tryptophan methyl ester and tryptophan octyl ester in DOPC vesicles. <i>Photochemistry and Photobiology</i> , <b>2010</b> , 86, 96-103   | 3.6  | 5   |
| 43 | Role of the medium on the C343 inter/intramolecular hydrogen bond interactions. An absorption, emission, and <sup>1</sup> HNMR investigation of C343 in benzene/n-heptane mixtures. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 7326-30                                      | 2.8  | 21  |

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| 42 | An alternative approach to quantify partition processes in confined environments: the electrochemical behavior of PRODAN in unilamellar vesicles. <i>ChemPhysChem</i> , <b>2010</b> , 11, 236-44   | 3.2  | 14  |
| 41 | Cationic reverse micelles create water with super hydrogen-bond-donor capacity for enzymatic catalysis: hydrolysis of 2-naphthyl acetate by alpha-chymotrypsin. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8887-93  | 4.8  | 68  |
| 40 | Effect of the constrained environment on the interactions between the surfactant and different polar solvents encapsulated within AOT reverse micelles. <i>ChemPhysChem</i> , <b>2009</b> , 10, 2034-40  | 3.2  | 41  |
| 39 | On the formation of new reverse micelles: a comparative study of benzene/surfactants/ionic liquids systems using UV-visible absorption spectroscopy and dynamic light scattering. <i>Langmuir</i> , <b>2009</b> , 25, 10426-9  | 4.1  | 64  |
| 38 | Characterization of multifunctional reverse micelles' interfaces using hemicyanines as molecular probes. I. Effect of the hemicyanines' structure. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 4284-92   | 3.4  | 24  |
| 37 | Characterization of multifunctional reverse micelles' interfaces using hemicyanines as molecular probes. II: Effect of the surfactant. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 6718-24   | 3.4  | 39  |
| 36 | What are the factors that control non-aqueous/AOT/n-heptane reverse micelle sizes? A dynamic light scattering study. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 11096-100  | 3.6  | 64  |
| 35 | An example of how to use AOT reverse micelle interfaces to control a photoinduced intramolecular charge-transfer process. <i>Langmuir</i> , <b>2008</b> , 24, 4637-46  | 4    | 55  |
| 34 | 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. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 317, 332-45 | 9.3  | 26  |
| 33 | Kinetics of reactions catalyzed by enzymes in solutions of surfactants. <i>Advances in Colloid and Interface Science</i> , <b>2008</b> , 136, 1-24   | 14.3 | 144 |
| 32 | Electrochemistry in AOT Reverse Micelles. A Powerful Technique To Characterize Organized Media. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 4269-4276  | 3.8  | 28  |
| 31 | On the possibility that cyclodextrins' chiral cavities can be available on AOT n-heptane reverse micelles. A UV-visible and induced circular dichroism study. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 10703-12   | 3.4  | 16  |
| 30 | New insights on the photophysical behavior of PRODAN in anionic and cationic reverse micelles: from which state or states does it emit?. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 748-59  | 3.4  | 71  |
| 29 | Comparative study of the photophysical behavior of fisetin in homogeneous media and in anionic and cationic reverse micelles media. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 83, 486-93  | 3.6  | 9   |
| 28 | New insights on the behavior of PRODAN in homogeneous media and in large unilamellar vesicles. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 11838-46  | 3.4  | 83  |
| 27 | When is water not water? Exploring water confined in large reverse micelles using a highly charged inorganic molecular probe. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12758-65  | 16.4 | 166 |
| 26 | What can you learn from a molecular probe? New insights on the behavior of C343 in homogeneous solutions and AOT reverse micelles. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 13050-61  | 3.4  | 108 |
| 25 | Non-aqueous reverse micelles media for the SNAr reaction between 1-fluoro-2,4-dinitrobenzene and piperidine. <i>Journal of Physical Organic Chemistry</i> , <b>2006</b> , 19, 805-812  | 2.1  | 16  |

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| 24 | The use of acridine orange base (AOB) as molecular probe to characterize nonaqueous AOT reverse micelles. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 296, 356-64   | 9.3  | 52  |
| 23 | Real structure of formamide entrapped by AOT nonaqueous reverse micelles: FT-IR and <sup>1</sup> H NMR studies. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 21209-19  | 3.4  | 47  |
| 22 | Distribution of amines in water/AOT/n-hexane reverse micelles: influence of the amine chemical structure. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 286, 245-52   | 9.3  | 27  |
| 21 | Characterization of different reverse micelle interfaces using the reaction of 4-fluoro-3-nitrobenzoate with piperidine. <i>Journal of Physical Organic Chemistry</i> , <b>2005</b> , 18, 121-127   | 2.1  | 11  |
| 20 | Reverse micellar aggregates: effect on ketone reduction. 1. Substrate role. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 8224-30   | 4.2  | 18  |
| 19 | Effect of the addition of a nonaqueous polar solvent (glycerol) on enzymatic catalysis in reverse micelles. Hydrolysis of 2-naphthyl acetate by alpha-chymotrypsin. <i>Langmuir</i> , <b>2004</b> , 20, 5732-7  | 4    | 65  |
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