

Xia Guo

List of Publications by Year in descending order

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47
papers

1,199
citations

623734

14
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377865

34
g-index

47
all docs

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docs citations

47
times ranked

1923
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Activity of Bromelain with Cationic Surfactants and the Correlation with the Change of ¹ H NMR Signals. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 111-119. | 2.1 | 1 |
| 2 | The wormlike micelles formed using an ionic liquid surfactant and polar organic solvents at low temperature without additives and their lubricant properties. <i>Soft Matter</i> , 2021, 17, 1437-1444. | 2.7 | 4 |
| 3 | Development of calixarene-based drug nanocarriers. <i>Journal of Molecular Liquids</i> , 2021, 325, 115246. | 4.9 | 38 |
| 4 | Effect of sulfobetaine surfactant on the activities of bromelain and polyphenoloxidase. <i>Journal of Molecular Liquids</i> , 2021, 328, 115439. | 4.9 | 4 |
| 5 | Activity of Polyphenoloxidase in red Fuji Apples Promoted with Cationic Surfactant – Role of Surfactant Structure. <i>Tenside, Surfactants, Detergents</i> , 2021, 58, 383-393. | 1.2 | 2 |
| 6 | Recent progress in the assembly behavior of imidazolium-based ionic liquid surfactants. <i>Journal of Molecular Liquids</i> , 2020, 319, 114354. | 4.9 | 53 |
| 7 | Distinctive spectroscopic properties and adsorption behaviors of p-sulfonatocalixarene-cetyltrimethylammonium bromide supra-amphiphilic systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 125029. | 4.7 | 5 |
| 8 | Ammonium and imidazolium-based amphiphilic tetramethoxy resorcinarenes: Adsorption, micellization, and protein binding. <i>Journal of Molecular Liquids</i> , 2020, 313, 113587. | 4.9 | 11 |
| 9 | Assembly behaviors of calixarene-based amphiphile and supra-amphiphile and the applications in drug delivery and protein recognition. <i>Advances in Colloid and Interface Science</i> , 2019, 269, 187-202. | 14.7 | 66 |
| 10 | Pineapple peel bromelain extraction using gemini surfactant-based reverse micelle – Role of spacer of gemini surfactant. <i>Separation and Purification Technology</i> , 2018, 190, 156-164. | 7.9 | 31 |
| 11 | Extraction of bovine serum albumin with reverse micelles from glucosylammonium and lactosylammonium surfactants. <i>Process Biochemistry</i> , 2017, 60, 108-114. | 3.7 | 14 |
| 12 | Micellization of Lactosylammonium Surfactants with Different Counter Ions and Their Interaction with DNA. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 2969-2978. | 1.9 | 14 |
| 13 | Extraction of ovalbumin with gemini surfactant reverse micelles – Effect of gemini surfactant structure. <i>Separation and Purification Technology</i> , 2016, 158, 367-373. | 7.9 | 21 |
| 14 | Reverse micellar extraction of bromelain from pineapple peel – Effect of surfactant structure. <i>Food Chemistry</i> , 2016, 197, 450-456. | 8.2 | 50 |
| 15 | Micellization of N-dodecylglucosylamine and its interaction with DNA in the presence of carboxylic acid. <i>Colloid and Polymer Science</i> , 2015, 293, 2599-2608. | 2.1 | 3 |
| 16 | Effect of surfactant structure on reverse micellar extraction of ovalbumin. <i>Process Biochemistry</i> , 2015, 50, 272-278. | 3.7 | 16 |
| 17 | Vesicle formation between single-chained cationic surfactant and plasmid DNA and its application in cell transfection. <i>Colloid and Polymer Science</i> , 2014, 292, 3103-3111. | 2.1 | 5 |
| 18 | Micellization of glucose-based surfactants with different counter ions and their interaction with DNA. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 224-232. | 4.7 | 19 |

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|----|--|------|-----------|
| 19 | Vesicle formation between single-chained cationic surfactants and ribo-oligonucleotides. Chinese Chemical Letters, 2013, 24, 82-84. | 9.0 | 3 |
| 20 | Effect of the spacer of gemini surfactants on reverse micellar extraction of bovine serum albumin. Soft Matter, 2013, 9, 11383. | 2.7 | 12 |
| 21 | Reverse micellar extraction of bovine serum albumin " A comparison between the effects of gemini surfactant and its corresponding monomeric surfactant. Food Chemistry, 2013, 136, 1063-1069. | 8.2 | 15 |
| 22 | Plasmid DNA induces dodecyl triethyl ammonium bromide to aggregate into vesicle. Chinese Chemical Letters, 2012, 23, 1396-1398. | 9.0 | 3 |
| 23 | Effects of salt and temperature on single-chained cationic surfactant/oligodeoxynucleotide vesicle formation. Journal of Polymer Science Part A, 2012, 50, 1740-1745. | 2.3 | 4 |
| 24 | Recent Advances in Nonviral Vectors for Gene Delivery. Accounts of Chemical Research, 2012, 45, 971-979. | 15.6 | 542 |
| 25 | Emulsion formed in bovine serum album/anionic surfactant/H ₂ O system under acidic condition. International Journal of Biological Macromolecules, 2011, 48, 518-522. | 7.5 | 0 |
| 26 | Fluorescence quenching of anthracene by N, N-diethylaniline in the O/W microemulsion. Chinese Journal of Chemistry, 2010, 18, 801-807. | 4.9 | 1 |
| 27 | Effects of Acid and Base on the Inductive Efficiency of Oligonucleotide on the Vesicle Formation from Single-Chained Cationic Surfactant. Chinese Journal of Chemistry, 2010, 28, 2130-2136. | 4.9 | 1 |
| 28 | Effect of oligonucleotide conformation on its facilitation efficiency on negatively charged micelle-to-vesicle transition. Journal of Polymer Science Part A, 2010, 48, 852-860. | 2.3 | 11 |
| 29 | Facilitation effect of oligonucleotide on vesicle formation from single-chained cationic surfactant " Dependences of oligonucleotide sequence and size and surfactant structure. Journal of Polymer Science Part A, 2009, 47, 434-449. | 2.3 | 10 |
| 30 | The photoisomerization of trans-stilbene in Triton X-100/n-C ₅ H ₁₁ OH/H ₂ O microemulsions. Colloid and Polymer Science, 2008, 286, 169-174. | 2.1 | 2 |
| 31 | Micelle-to-vesicle transition induced by oligonucleotide in SDS/DEAB mixed system with a net negative charge. Journal of Polymer Science Part A, 2008, 46, 7491-7504. | 2.3 | 2 |
| 32 | Interactions of Ovalbumin with Ionic Surfactants. Chinese Journal of Chemistry, 2008, 26, 1589-1595. | 4.9 | 7 |
| 33 | Aggregation of single-chained cationic surfactant molecules into vesicles induced by oligonucleotide. Journal of Colloid and Interface Science, 2008, 324, 185-191. | 9.4 | 20 |
| 34 | The interaction between hemoglobin and two surfactants with different charges. International Journal of Biological Macromolecules, 2007, 41, 548-557. | 7.5 | 50 |
| 35 | Effect of surfactant structure on catalysis of microemulsion for photoisomerization of trans-stilbene. Chinese Chemical Letters, 2007, 18, 1265-1268. | 9.0 | 5 |
| 36 | The self-organization properties of n-dodecylammonium $\hat{\pm}$ -glutamate/n-C ₅ H ₁₁ OH/water system. Colloid and Polymer Science, 2007, 285, 1423-1431. | 2.1 | 3 |

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|----|---|-----|-----------|
| 37 | RNA-dependent Folding and Stabilization of C5 Protein During Assembly of the E. coli RNase P Holoenzyme. <i>Journal of Molecular Biology</i> , 2006, 360, 190-203. | 4.2 | 37 |
| 38 | Interactions of hemoglobin with lecithin liposomes. <i>Colloid and Polymer Science</i> , 2006, 284, 1139-1145. | 2.1 | 13 |
| 39 | The influence of sodium dodecyl sulfate/benzyl alcohol/H ₂ O system on the photoisomerization of trans-stilbene. <i>Journal of Colloid and Interface Science</i> , 2005, 283, 578-584. | 9.4 | 4 |
| 40 | The interaction of hemoglobin with hexadecyltrimethylammonium bromide. <i>International Journal of Biological Macromolecules</i> , 2005, 37, 232-238. | 7.5 | 27 |
| 41 | Inclusions of methylene blue and phenothiazine by β -cyclodextrin in sodium dodecyl sulfate micelles. <i>Colloid and Polymer Science</i> , 2003, 281, 777-781. | 2.1 | 7 |
| 42 | The effect of β -cyclodextrin on the properties of cetyltrimethylammonium bromide micelles. <i>Colloid and Polymer Science</i> , 2003, 281, 876-881. | 2.1 | 28 |
| 43 | Isomerization of Malachite Green in CTAB/n-C _n H _{2n+1} OH/H ₂ O Mixed Micelles. <i>Journal of Dispersion Science and Technology</i> , 2003, 24, 219-228. | 2.4 | 10 |
| 44 | The Phase Behavior and the Structural Properties of Triton X-100/n-C ₈ H ₁₇ OH/PEG1000aqSystem. <i>Journal of Dispersion Science and Technology</i> , 2001, 22, 443-451. | 2.4 | 8 |
| 45 | Fluorescence Quenching of Anthracene by N,N-Diethylaniline in the Sodium Dodecyl Sulfate/Benzyl Alcohol/Water System. <i>Journal of Colloid and Interface Science</i> , 2001, 240, 559-565. | 9.4 | 9 |
| 46 | A Facile Synthesis of Dispiro-Ring Compounds Via Telluronium Ylides. <i>Synthetic Communications</i> , 2000, 30, 3363-3367. | 2.1 | 2 |
| 47 | A Facile Synthesis of Bicyclo[4,1, O]Heptan-2-ones by Telluronium Ylides. <i>Synthetic Communications</i> , 2000, 30, 3275-3279. | 2.1 | 6 |