

Alessandra Del Giudice

List of Publications by Year in descending order

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papers

449
citations

759233

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all docs

37
docs citations

37
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Bile Salts: Natural Surfactants and Precursors of a Broad Family of Complex Amphiphiles. <i>Langmuir</i> , 2019, 35, 6803-6821.	3.5	64
2	<i>Arabidopsis</i> and <i>Chlamydomonas</i> phosphoribulokinase crystal structures complete the redox structural proteome of the Calvinâ€ Benson cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8048-8053.	7.1	25
3	A fluorescence study of the loading and time stability of doxorubicin in sodium cholate/PEO-PPO-PEO triblock copolymer mixed micelles. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 593-601.	9.4	23
4	Transition from molecular- to nano-scale segregation in a deep eutectic solvent - water mixture. <i>Journal of Molecular Liquids</i> , 2021, 331, 115747.	4.9	21
5	Time-Dependent pH Scanning of the Acid-Induced Unfolding of Human Serum Albumin Reveals Stabilization of the Native Form by Palmitic Acid Binding. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4388-4399.	2.6	20
6	Tuning and controlling the shape of mesoporous silica particles with CTAB/sodium deoxycholate cationic mixtures. <i>Microporous and Mesoporous Materials</i> , 2019, 279, 423-431.	4.4	20
7	Tuning lipid structure by bile salts: Hexosomes for topical administration of catechin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111564.	5.0	20
8	Revealing the complex self-assembly behaviour of sodium deoxycholate in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 415-428.	9.4	20
9	Poloxamer/sodium cholate co-formulation for micellar encapsulation of doxorubicin with high efficiency for intracellular delivery: An in-vitro bioavailability study. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 551-561.	9.4	19
10	Block copolymers as bile salt sequestrants: intriguing structures formed in a mixture of an oppositely charged amphiphilic block copolymer and bile salt. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12518-12529.	2.8	18
11	Anatomy of a deep eutectic solvent: structural properties of choline chlorideâ€ sesamol 1â€ 3 compared to reline. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11746-11754.	2.8	16
12	Fate of a Deep Eutectic Solvent upon Cosolvent Addition: Choline Chlorideâ€ Sesamol 1:3 Mixtures with Methanol. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12252-12261.	6.7	15
13	Unravelling the shape and structural assembly of the photosynthetic GAPDHâ€ CP12â€ PRK complex from <i>Arabidopsis thaliana</i> by small-angle X-ray scattering analysis. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2372-2385.	2.5	13
14	Structural Response of Human Serum Albumin to Oxidation: Biological Buffer to Local Formation of Hypochlorite. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12261-12271.	2.6	13
15	Condensed Supramolecular Helices: The Twisted Sisters of DNA. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
16	Fabrication of a New, Low-Cost, and Environment-Friendly Laccase-Based Biosensor by Electrospray Immobilization with Unprecedented Reuse and Storage Performances. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1888-1898.	6.7	12
17	Ibuprofen and Propofol Cobinding Effect on Human Serum Albumin Unfolding in Urea. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10043-10051.	2.6	11
18	On the Role of Water in the Formation of a Deep Eutectic Solvent Based on NiCl ₂ â 6H ₂ O and Urea. <i>Inorganic Chemistry</i> , 2022, 61, 8843-8853.	4.0	11

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19	Synthesis of 2D Porous Crystalline Materials in Simulated Microgravity. <i>Advanced Materials</i> , 2021, 33, e2101777.	21.0	10
20	Deoxycholic acid and L-Phenylalanine enrich their hydrogel properties when combined in a zwitterionic derivative. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 453-462.	9.4	9
21	Insights about the interaction of methotrexate loaded hydrophilic gold nanoparticles: Spectroscopic, morphological and structural characterizations. <i>Materials Science and Engineering C</i> , 2020, 117, 111337.	7.3	9
22	Structural Study of a Eutectic Solvent Reveals Hydrophobic Segregation and Lack of Hydrogen Bonding between the Components. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6337-6345.	6.7	9
23	Effect of temperature on the association behavior in aqueous mixtures of an oppositely charged amphiphilic block copolymer and bile salt. <i>Polymer</i> , 2020, 206, 122871.	3.8	8
24	Self-Assembly of Model Amphiphilic Peptides in Nonaqueous Solvents: Changing the Driving Force for Aggregation Does Not Change the Fibril Structure. <i>Langmuir</i> , 2020, 36, 8451-8460.	3.5	7
25	Polymorphic Self-Organization of Lauroyl Peptide in Response to pH and Concentration. <i>Langmuir</i> , 2020, 36, 3941-3951.	3.5	7
26	Condensed Supramolecular Helices: The Twisted Sisters of DNA. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	7
27	Biosynthesis and physico-chemical characterization of high performing peptide hydrogels@graphene oxide composites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 111989.	5.0	6
28	C-12 vs C-3 substituted bile salts: An example of the effects of substituent position and orientation on the self-assembly of steroid surfactant isomers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110556.	5.0	4
29	UV Properties and Loading into Liposomes of Quinoline Derivatives. <i>Colloids and Interfaces</i> , 2021, 5, 28.	2.1	4
30	The effect of fatty acid binding in the acid isomerizations of albumin investigated with a continuous acidification method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 109-116.	5.0	3
31	Self-assembling nanowires from a linear L,D-peptide conjugated to the dextran end group. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 656-665.	7.5	3
32	Response to Comment on "Structural Study of a Eutectic Solvent Reveals Hydrophobic Segregation and Lack of Hydrogen Bonding between the Components" <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8671-8672.	6.7	3
33	Design of a fluorescent and clickable Ag ₃₈ (SRN ₃) ₂₄ nanocluster platform: synthesis, modeling and self-assembling. <i>Nanoscale Advances</i> , 2021, 3, 2948-2960.	4.6	2
34	Bioderived, chiral and stable 1-dimensional light-responsive nanostructures: Interconversion between tubules and twisted ribbons. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 723-734.	9.4	2