

Sergio Murgia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7174441/publications.pdf>

Version: 2024-02-01

88
papers

2,422
citations

172457

29
h-index

243625

44
g-index

89
all docs

89
docs citations

89
times ranked

2892
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid vesicular gels for topical administration of antioxidants. Colloids and Surfaces B: Biointerfaces, 2022, 213, 112388.	5.0	2
2	Study of the DNA binding mechanism and <i>in vitro</i> activity against cancer cells of iron(ⁱⁱⁱ) and aluminium(ⁱⁱⁱ) kojic acid derivative complexes. Dalton Transactions, 2022, , .	3.3	2
3	<i>In Vitro</i> Evaluation of Nanoerythroosome Cytotoxicity and Uptake in Pancreatic Endothelial Cells: Implications for β -Cell Imaging Applications. Langmuir, 2022, 38, 3403-3411.	3.5	0
4	Hybrid Theranostic Cubosomes for Efficient NIR-Induced Photodynamic Therapy. ACS Nano, 2022, 16, 5427-5438.	14.6	27
5	Potential of curcumin-loaded cubosomes for topical treatment of cervical cancer. Journal of Colloid and Interface Science, 2022, 620, 419-430.	9.4	26
6	Surface-modified nanoerythroosomes for potential optical imaging diagnostics. Journal of Colloid and Interface Science, 2021, 582, 246-253.	9.4	6
7	Tuning lipid structure by bile salts: Hexosomes for topical administration of catechin. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111564.	5.0	20
8	Effect of tail branching on the phase behavior and the rheological properties of amine oxide/ethoxysulfate surfactant mixtures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 613, 126091.	4.7	6
9	Bioimaging Applications of Non-Lamellar Liquid Crystalline Nanoparticles. Journal of Nanoscience and Nanotechnology, 2021, 21, 2742-2759.	0.9	1
10	Bicontinuous cubic liquid crystalline phase nanoparticles stabilized by softwood hemicellulose. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111753.	5.0	10
11	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie - International Edition, 2021, 60, 23849-23857.	13.8	12
12	Kojic acid derivatives as double face ligands for metal and phosphate ions.. Journal of Inorganic Biochemistry, 2021, 222, 111520.	3.5	5
13	Improving Dermal Delivery of Rose Bengal by Deformable Lipid Nanovesicles for Topical Treatment of Melanoma. Molecular Pharmaceutics, 2021, 18, 4046-4057.	4.6	25
14	A selective cellulose/hemicellulose green solvents extraction from buckwheat chaff. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100094.	2.6	4
15	Cubosomes stabilized by a polyphosphoester-analog of Pluronic F127 with reduced cytotoxicity. Journal of Colloid and Interface Science, 2020, 580, 286-297.	9.4	49
16	Halogenated isophthalamides and dipicolineamides: the role of the halogen substituents in the anion binding properties. Dalton Transactions, 2020, 49, 9231-9238.	3.3	5
17	Tuning the Encapsulation of Simple Fragrances with an Amphiphilic Graft Copolymer. ACS Applied Materials & Interfaces, 2020, 12, 28808-28818.	8.0	16
18	Recent advances of non-lamellar lyotropic liquid crystalline nanoparticles in nanomedicine. Current Opinion in Colloid and Interface Science, 2020, 48, 28-39.	7.4	52

#	ARTICLE	IF	CITATIONS
19	Binding isotherms of surfactants used in detergent formulations to bovine serum albumin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 598, 124801.	4.7	17
20	Multifunctional cubic liquid crystalline nanoparticles for chemo- and photodynamic synergistic cancer therapy. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 674-680.	2.9	18
21	Reaction of imidazoline-2-selone derivatives with mesityltellurenyl iodide: a unique example of a 3c-4e Se ⁺ Te ⁺ Se three-body system embedding a tellurenyl cation. <i>New Journal of Chemistry</i> , 2019, 43, 11821-11831.	2.8	7
22	Branched alkyl dimethylamine oxide surfactants: An effective strategy for the design of high concentration/low viscosity surfactant formulations. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 448-463.	9.4	22
23	Fluorescent squaramide ligands for cellular imaging and their encapsulation in cubosomes. <i>New Journal of Chemistry</i> , 2019, 43, 10336-10342.	2.8	17
24	Towards long-acting adrenaline for cardiopulmonary resuscitation: Production and characterization of a liposomal formulation. <i>International Journal of Pharmaceutics</i> , 2019, 557, 105-111.	5.2	4
25	Lipid based liquid-crystalline stabilized formulations for the sustained release of bioactive hydrophilic molecules. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 35-42.	5.0	12
26	Structural, rheological and dynamics insights of hydroxypropyl guar gel-like systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 178-186.	5.0	21
27	Polymer-free cubosomes for simultaneous bioimaging and photodynamic action of photosensitizers in melanoma skin cancer cells. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 163-173.	9.4	60
28	Ball-milling and cheap reagents breathe green life into the one hundred-year-old Hofmann reaction. <i>Organic Chemistry Frontiers</i> , 2018, 5, 531-538.	4.5	17
29	The effect of diethylene glycol monoethyl ether on skin penetration ability of diclofenac acid nanosuspensions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 8-15.	5.0	21
30	3-hydroxycoumarin loaded vesicles for recombinant human tyrosinase inhibition in topical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 675-681.	5.0	15
31	Theranostic hexosomes for cancer treatments: an in vitro study. <i>New Journal of Chemistry</i> , 2017, 41, 1558-1565.	2.8	32
32	Cubosomes for <i>in vivo</i> fluorescence lifetime imaging. <i>Nanotechnology</i> , 2017, 28, 055102.	2.6	44
33	On the role of a coumarin derivative for sensing applications: Nucleotide identification using a micellar system. <i>Journal of Colloid and Interface Science</i> , 2016, 477, 8-15.	9.4	6
34	Needle-free jet injection of intact phospholipid vesicles across the skin: a feasibility study. <i>Biomedical Microdevices</i> , 2016, 18, 67.	2.8	13
35	The impact of alkanes on the structure of Triton X100 micelles. <i>RSC Advances</i> , 2016, 6, 825-836.	3.6	25
36	Fluorescent lactose-derived cationic aggregates: synthesis, characterisation and potential use as antibacterial agents. <i>RSC Advances</i> , 2016, 6, 23340-23344.	3.6	2

#	ARTICLE	IF	CITATIONS
37	In vitro imaging of \hat{I}^2 -cells using fluorescent cubic bicontinuous liquid crystalline nanoparticles. RSC Advances, 2016, 6, 62119-62127.	3.6	11
38	Solvatochromic fluorescent BODIPY derivative as imaging agent in camptothecin loaded hexosomes for possible theranostic applications. RSC Advances, 2015, 5, 23443-23449.	3.6	34
39	Faceted phospholipid vesicles tailored for the delivery of Santolina insularis essential oil to the skin. Colloids and Surfaces B: Biointerfaces, 2015, 132, 185-193.	5.0	35
40	Effects of monoolein-based cubosome formulations on lipid droplets and mitochondria of HeLa cells. Toxicology Research, 2015, 4, 1025-1036.	2.1	46
41	Highly stable ionic liquid-in-water emulsions as a new class of fluorescent sensors for metal ions: the case study of Fe ³⁺ sensing. RSC Advances, 2015, 5, 37385-37391.	3.6	18
42	Cubosome formulations stabilized by a dansyl-conjugated block copolymer for possible nanomedicine applications. Colloids and Surfaces B: Biointerfaces, 2015, 129, 87-94.	5.0	62
43	Monoolein-based cubosomes affect lipid profile in HeLa cells. Chemistry and Physics of Lipids, 2015, 191, 96-105.	3.2	47
44	Docetaxel-Loaded Fluorescent Liquid-Crystalline Nanoparticles for Cancer Theranostics. Langmuir, 2015, 31, 9566-9575.	3.5	70
45	A pheromone analogue affects the evaporation rate of (+)- \hat{I} disparlure in <i>Lymantria dispar</i> . Pest Management Science, 2014, 70, 674-681.	3.4	3
46	From self-assembly fundamental knowledge to nanomedicine developments. Advances in Colloid and Interface Science, 2014, 205, 48-67.	14.7	29
47	Cancer-Cell-Targeted Theranostic Cubosomes. Langmuir, 2014, 30, 6228-6236.	3.5	95
48	Oxidation-proof microemulsions: Microstructure and reactivity in the presence of dioxiranes. Journal of Colloid and Interface Science, 2013, 408, 138-144.	9.4	9
49	Evidence for the role of hydrophobic forces on the interactions of nucleotide-monophosphates with cationic liposomes. Journal of Colloid and Interface Science, 2013, 410, 146-151.	9.4	26
50	A new family of bis-ureidic receptors for pyrophosphate optical sensing. Organic and Biomolecular Chemistry, 2013, 11, 2445.	2.8	46
51	Physicochemical and rheological properties of a novel monoolein-based vesicle gel. Soft Matter, 2013, 9, 921-928.	2.7	30
52	Drug-Loaded Fluorescent Cubosomes: Versatile Nanoparticles for Potential Theranostic Applications. Langmuir, 2013, 29, 6673-6679.	3.5	94
53	Mesoscopic Structure in Mixtures of Water and 1-Butyl-3-methyl imidazolium tetrafluoroborate: A Multinuclear NMR Study. Journal of Solution Chemistry, 2013, 42, 1111-1122.	1.2	34
54	Characterization of the Solutol [®] HS15/water phase diagram and the impact of the \hat{I}^9 -tetrahydrocannabinol solubilization. Journal of Colloid and Interface Science, 2013, 390, 129-136.	9.4	39

#	ARTICLE	IF	CITATIONS
55	Oligonucleotides and polynucleotides condensation onto liposome surface: Effects of the base and of the nucleotide length. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 104, 239-244.	5.0	16
56	An OFF-ON chemosensor for biological and environmental applications: sensing Cd ²⁺ in water using cationic vesicles and in living cells. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7751.	2.8	16
57	Physicochemical, Cytotoxic, and Dermal Release Features of a Novel Cationic Liposome Nanocarrier. <i>Advanced Healthcare Materials</i> , 2013, 2, 692-701.	7.6	38
58	Liquid-Crystal Based Formulations for Topical Drug Delivery. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 1286-1293.	2.4	7
59	Quantification of Specific Anion Binding to Non-Ionic Triton X-100 Micelles. <i>Langmuir</i> , 2012, 28, 1283-1289.	3.5	17
60	Impact of branching on the viscoelasticity of wormlike reverse micelles. <i>Soft Matter</i> , 2012, 8, 10941.	2.7	43
61	Aerosol-OT in water forms fully-branched cylindrical direct micelles in the presence of the ionic liquid 1-butyl-3-methylimidazolium bromide. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9238.	2.8	20
62	In Vitro Release of Lysozyme from Gelatin Microspheres: Effect of Cross-linking Agents and Thermoreversible Gel as Suspending Medium. <i>Biomacromolecules</i> , 2011, 12, 3186-3193.	5.4	53
63	Kojic acid derivatives as powerful chelators for iron(III) and aluminium(III). <i>Dalton Transactions</i> , 2011, 40, 5984.	3.3	44
64	A Selective, Nontoxic, OFF-ON Fluorescent Molecular Sensor Based on 8-Hydroxyquinoline for Probing Cd ²⁺ in Living Cells. <i>Chemistry - A European Journal</i> , 2010, 16, 919-930.	3.3	129
65	Iron(III) and aluminum(III) complexes with hydroxypyron ligands aimed to design kojic acid derivatives with new perspectives. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 560-569.	3.5	55
66	Nanoparticles from Lipid-Based Liquid Crystals: Emulsifier Influence on Morphology and Cytotoxicity. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3518-3525.	2.6	100
67	Nucleotide Recognition and Phosphate Linkage Hydrolysis at a Lipid Cubic Interface. <i>Journal of the American Chemical Society</i> , 2010, 132, 16176-16184.	13.7	31
68	Orientation and Specific Interactions of Nucleotides and Nucleolipids Inside Monoolein-Based Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9205-9215.	2.6	18
69	Aerosol-OT Forms Oil-in-Water Spherical Micelles in the Presence of the Ionic Liquid bmimBF ₄ . <i>Journal of Physical Chemistry B</i> , 2009, 113, 9216-9225.	2.6	31
70	Interconnected Networks: Structural and Dynamic Characterization of Aqueous Dispersions of Dioctanoylphosphatidylcholine. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12625-12634.	2.6	14
71	Biocompatible Lipid-Based Liquid Crystals and Emulsions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25994-26000.	2.6	24
72	Molecular recognition and controlled release in drug delivery systems based on nanostructured lipid surfactants. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S2203-S2220.	1.8	15

#	ARTICLE	IF	CITATIONS
73	Interaction of Sodium Ions with Cationic Surfactant Interfaces. Chemistry - A European Journal, 2006, 12, 7889-7898.	3.3	15
74	Biocompatible Lecithin Organogels: Structure and Phase Equilibria. Langmuir, 2005, 21, 140-148.	3.5	64
75	Novel mannitol based non-ionic surfactants from biocatalysis. Journal of Molecular Catalysis B: Enzymatic, 2004, 27, 139-146.	1.8	10
76	Interference of Some Tryptophan Metabolites in the Formation of Melanin In Vitro. Pigment Cell & Melanoma Research, 2004, 17, 135-141.	3.6	9
77	Mixed micelles of homologous perfluoropolyether anionic surfactants in water. Journal of Fluorine Chemistry, 2004, 125, 261-269.	1.7	10
78	Hofmeister effects in cationic microemulsions. Current Opinion in Colloid and Interface Science, 2004, 9, 102-106.	7.4	27
79	Does the Schulman's Titration of Microemulsions Really Provide Meaningful Parameters?. Langmuir, 2004, 20, 7381-7384.	3.5	33
80	Biocompatible Lipidic Formulations: Phase Behavior and Microstructure. Langmuir, 2004, 20, 5241-5246.	3.5	29
81	Size Polydispersity Determination in Emulsion Systems by Free Diffusion Measurements via PFG-NMR. Journal of Physical Chemistry B, 2004, 108, 18472-18478.	2.6	29
82	Quantitative characterization of phospholipids in milk fat via ³¹ P NMR using a monophasic solvent mixture. Lipids, 2003, 38, 585-591.	1.7	59
83	Monoolein based liquid crystals to form long-term stable emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 228, 57-63.	4.7	27
84	Acyl migration and hydrolysis in monoolein-based systems. , 2002, , 41-46.		35
85	NMR Investigation on Melaleuca alternifolia Essential Oil Dispersed in the Monoolein Aqueous System: Phase Behavior and Dynamics. Langmuir, 2002, 18, 7916-7922.	3.5	29
86	Addition of hydrophilic and lipophilic compounds of biological relevance to the monoolein/water system II: ¹³ C NMR relaxation study. Chemistry and Physics of Lipids, 2001, 110, 11-17.	3.2	22
87	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie, 0, , .	2.0	4
88	Chapter 3. Reverse Wormlike Micelles: A Special Focus on Nuclear Magnetic Resonance Investigations. , 0, , 31-62.		0