

Chrystel Faure

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Gold Nanoparticles Spontaneously Generated in Onion-Type Multilamellar Vesicles. Bilayersâ€™ Particle Coupling Imaged by Cryo-TEM. <i>Chemistry of Materials</i> , 2004, 16, 5280-5285.	6.7	64
2	Encapsulation of rutin and naringenin in multilamellar vesicles for optimum antioxidant activity. <i>Food Chemistry</i> , 2014, 159, 12-19.	8.2	64
3	The effect of surfactant crystallization on partial coalescence in O/W emulsions. <i>Journal of Colloid and Interface Science</i> , 2017, 500, 304-314.	9.4	58
4	Polypyrrole-glucose oxidase biosensor Effect of enzyme encapsulation in multilamellar vesicles on analytical properties. <i>Biosensors and Bioelectronics</i> , 2008, 23, 788-794.	10.1	44
5	Radiation-Induced Synthesis of Gold Nanoparticles within Lamellar Phases. Formation of Aligned Colloidal Gold by Radiolysis. <i>Langmuir</i> , 2008, 24, 4421-4425.	3.5	42
6	A New Bioâ€inspired Route to Metalâ€Nanoparticleâ€Based Heterogeneous Catalysts. <i>Small</i> , 2008, 4, 1806-1812.	10.0	31
7	Synthesis of stable, gold-particle-containing onion-type multilamellar vesicles. Influence of particle size on the onionsâ€™ internal structure. <i>Nanotechnology</i> , 2006, 17, 1193-1201.	2.6	27
8	What is the fate of multi-lamellar liposomes of controlled size, charge and elasticity in artificial and animal skin?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 151, 18-31.	4.3	26
9	Emulsification of non-aqueous foams stabilized by fat crystals: Towards novel air-in-oil-in-water food colloids. <i>Food Chemistry</i> , 2019, 293, 49-56.	8.2	24
10	O/W Pickering emulsions stabilized by cocoa powder: Role of the emulsification process and of composition parameters. <i>Food Research International</i> , 2019, 116, 755-766.	6.2	23
11	Quantitative study of the encapsulation of glucose oxidase into multilamellar vesicles and its effect on enzyme activity. <i>Journal of Chemical Physics</i> , 2003, 119, 6111-6118.	3.0	21
12	Modeling Leakage Kinetics from Multilamellar Vesicles for Membrane Permeability Determination: Application to Glucose. <i>Biophysical Journal</i> , 2006, 91, 4340-4349.	0.5	20
13	Magnetic Multilamellar Liposomes Produced by In Situ Synthesis of Iron Oxide Nanoparticles: â€Magnetonsâ€. <i>Journal of Physical Chemistry B</i> , 2009, 113, 8552-8559.	2.6	18
14	Production of magnetic multilamellar liposomes as highly T2-efficient MRI contrast agents. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 18-21.	3.3	18
15	Encapsulation of Î¼-viniferin in onion-type multi-lamellar liposomes increases its solubility and its photo-stability and decreases its cytotoxicity on Caco-2 intestinal cells. <i>Food and Function</i> , 2019, 10, 2573-2582.	4.6	18
16	Gold fractal structures spontaneously grown in sheared lamellar phase. <i>Journal of Materials Chemistry</i> , 2006, 16, 3552.	6.7	17
17	Pickering emulsions stabilized by various plant materials: Cocoa, rapeseed press cake and lupin hulls. <i>LWT - Food Science and Technology</i> , 2020, 130, 109621.	5.2	16
18	Effect of onion-type multilamellar liposomes on <i>Trametes versicolor</i> laccase activity and stability. <i>Biochimie</i> , 2012, 94, 59-65.	2.6	12

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19	Tissular Distribution and Metabolism of trans- $\hat{\mu}$ -Viniferin after Intraperitoneal Injection in Rat. <i>Nutrients</i> , 2018, 10, 1660.	4.1	12
20	Superhydrophobic, highly adhesive arrays of copper hollow spheres produced by electro-colloidal lithography. <i>Soft Matter</i> , 2017, 13, 5500-5505.	2.7	11
21	Encapsulation of $\hat{\mu}$ -Viniferin into Multi-Lamellar Liposomes: Development of a Rapid, Easy and Cost-Efficient Separation Method to Determine the Encapsulation Efficiency. <i>Pharmaceutics</i> , 2021, 13, 566.	4.5	10
22	Deposit of UV- or $\hat{3}$ -synthesized gold nanoparticles on TiO ₂ powder using lipid-based multilamellar vesicles. <i>Colloid and Polymer Science</i> , 2012, 290, 1015-1022.	2.1	9
23	Electro-colloidal lithography: a versatile approach combining colloidal particles and electrical fields for the fabrication of patterned polymer and metal films. <i>Soft Matter</i> , 2012, 8, 3053.	2.7	8
24	Redispersible dry emulsions stabilized by plant material: Rapeseed press-cake or cocoa powder. <i>LWT - Food Science and Technology</i> , 2019, 113, 108311.	5.2	8
25	Electrodeposition of Polymer Nanodots with Controlled Density and Their Reversible Functionalization by Polyhistidine-Tag Proteins. <i>Langmuir</i> , 2012, 28, 13968-13975.	3.5	5
26	Trans- $\hat{\mu}$ -Viniferin Encapsulation in Multi-Lamellar Liposomes: Consequences on Pharmacokinetic Parameters, Biodistribution and Glucuronide Formation in Rats. <i>Nutrients</i> , 2021, 13, 4212.	4.1	4
27	Double-Emulsion Globules as a Tool to Produce 2D Patterned Metal Deposits Using Electro-Colloidal Lithography. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400072.	3.7	3
28	Arrays of copper rings with tunable dimensions via electro-colloidal lithography. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 488, 100-109.	4.7	2
29	Cu ²⁺ -loaded cellulose micro-beads applied to the direct patterning of metallic surfaces using a fast and convenient process. <i>Carbohydrate Polymers</i> , 2019, 207, 492-501.	10.2	1