FrÃ©dÃ©ric Gobeaux

List of Publications by Year
in descending order

31 papers	970 citations	516710 16 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1535 citing authors

#	Article	IF	Citations
1	pH and ionic strength triggered destabilization of biocompatible stable water-in-oil-in-water (W/O/W) emulsions. Jcis Open, 2022, 5, 100039.	3.2	1
2	Atomic structure of Lanreotide nanotubes revealed by cryo-EM. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	18
3	Catalytically active peptides affected by self-assembly and residues order. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111751.	5.0	16
4	Supramolecular organization and biological interaction of squalenoyl siRNA nanoparticles. International Journal of Pharmaceutics, 2021, 609, 121117.	5.2	3
5	New Nanoparticle Formulation for Cyclosporin A: In Vitro Assessment. Pharmaceutics, 2021, 13, 91.	4.5	6
6	Albumin-driven disassembly of lipidic nanoparticles: the specific case of the squalene-adenosine nanodrug. Nanoscale, 2020, 12, 2793-2809.	5.6	9
7	Tailoring structure and surface chemistry of hollow allophane nanospheres for optimization of aggregation by facile methyl modification. Applied Surface Science, 2020, 510, 145453.	6.1	6
8	Translation of nanomedicines from lab to industrial scale synthesis: The case of squalene-adenosine nanoparticles. Journal of Controlled Release, 2019, 307, 302-314.	9.9	38
9	Dual internal functionalization of imogolite nanotubes as evidenced by optical properties of Nile red. Applied Clay Science, 2019, 178, 105133.	5.2	17
10	Partial Transformation of Imogolite by Decylphosphonic Acid Yields an Interface Active Composite Material. Langmuir, 2019, 35, 4068-4076.	3.5	3
11	Towards a clinical application of freeze-dried squalene-based nanomedicines. Journal of Drug Targeting, 2019, 27, 699-708.	4.4	5
12	Elaboration of Materials with Functionality Gradients by Assembly of Chitosan-Collagen Microspheres Produced by Microfluidics. Journal of Renewable Materials, 2018, , .	2.2	1
13	Exploring Hybrid Imogolite Nanotube Formation via Si/Al Stoichiometry Control. Langmuir, 2018, 34, 13225-13234.	3.5	19
14	Reversible Assembly of a Drug Peptide into Amyloid Fibrils: A Dynamic Circular Dichroism Study. Langmuir, 2018, 34, 7180-7191.	3.5	13
15	Contribution to Accurate Spherical Gold Nanoparticle Size Determination by Single-Particle Inductively Coupled Mass Spectrometry: A Comparison with Small-Angle X-ray Scattering. Analytical Chemistry, 2018, 90, 9742-9750.	6.5	27
16	Ligand-free synthesis of gold nanoparticles incorporated within cylindrical block copolymer films. Journal of Materials Chemistry C, 2018, 6, 8194-8204.	5.5	9
17	Reversible Morphological Control of Cholecystokinin Tetrapeptide Amyloid Assemblies as a Function of pH. Journal of Physical Chemistry B, 2017, 121, 3059-3069.	2.6	5
18	Biocompatible Stimuli-Responsive W/O/W Multiple Emulsions Prepared by One-Step Mixing with a Single Diblock Copolymer Emulsifier. Langmuir, 2016, 32, 10912-10919.	3.5	28

#	Article	IF	Citations
19	Directing peptide crystallization through curvature control of nanotubes. Journal of Peptide Science, 2014, 20, 508-516.	1.4	7
20	Experimental Observation of Double-Walled Peptide Nanotubes and Monodispersity Modeling of the Number of Walls. Langmuir, 2013, 29, 2739-2745.	3.5	16
21	Calibration and quality assurance procedures at the far UV linear and circular dichroism experimental station DISCO. Journal of Physics: Conference Series, 2013, 425, 122014.	0.4	8
22	Structural Role of Counterions Adsorbed on Self-Assembled Peptide Nanotubes. Journal of the American Chemical Society, 2012, 134, 723-733.	13.7	41
23	Control of peptide nanotube diameter by chemical modifications of an aromatic residue involved in a single close contact. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7679-7684.	7.1	81
24	Power law rheology and strain-induced yielding in acidic solutions of type I-collagen. Soft Matter, 2010, 6, 3769.	2.7	46
25	Self-Assembled Collagenâ^'Apatite Matrix with Bone-like Hierarchy. Chemistry of Materials, 2010, 22, 3307-3309.	6.7	81
26	In Vivo Inspired Conditions to Synthesize Biomimetic Hydroxyapatite. Chemistry of Materials, 2010, 22, 3653-3663.	6.7	113
27	Mapping and manipulating temperatureâ€“concentration phase diagrams using microfluidics. Lab on A Chip, 2010, 10, 1696.	6.0	45
28	Liquid crystalline properties of type I collagen: Perspectives in tissue morphogenesis. Comptes Rendus Chimie, 2008, 11, 245-252.	0.5	34
29	Fibrillogenesis in Dense Collagen Solutions: A Physicochemical Study. Journal of Molecular Biology, 2008, 376, 1509-1522.	4.2	152
30	Cooperative Ordering of Collagen Triple Helices in the Dense State. Langmuir, 2007, 23, 6411-6417.	3.5	63
31	Possible transient liquid crystal phase during the laying out of connective tissues: Î±-chitin and collagen as models. Journal of Physics Condensed Matter, 2006, 18, S115-S129.	1.8	59