

Christophe A Monnier

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,744
citations

516710

16
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

3269
citing authors

#	ARTICLE	IF	CITATIONS
1	The nanomechanical signature of breast cancer. <i>Nature Nanotechnology</i> , 2012, 7, 757-765.	31.5	863
2	Optically responsive supramolecular polymer glasses. <i>Nature Communications</i> , 2016, 7, 10995.	12.8	142
3	New concepts in basement membrane biology. <i>FEBS Journal</i> , 2015, 282, 4466-4479.	4.7	121
4	Insertion of Nanoparticle Clusters into Vesicle Bilayers. <i>ACS Nano</i> , 2014, 8, 3451-3460.	14.6	82
5	Nanoscale Topographic and Biomechanical Studies of the Human Internal Limiting Membrane. , 2012, 53, 2561.		77
6	Characterizing nanoparticles in complex biological media and physiological fluids with depolarized dynamic light scattering. <i>Nanoscale</i> , 2015, 7, 5991-5997.	5.6	75
7	The Bi-Functional Organization of Human Basement Membranes. <i>PLoS ONE</i> , 2013, 8, e67660.	2.5	50
8	Filling Polymersomes with Polymers by Peroxidase-Catalyzed Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2015, 36, 507-514.	3.9	50
9	Magnetoliposomes: opportunities and challenges. <i>European Journal of Nanomedicine</i> , 2014, 6, .	0.6	48
10	In vitro dosimetry of agglomerates. <i>Nanoscale</i> , 2014, 6, 7325-7331.	5.6	33
11	Dynamic Depolarized Light Scattering of Small Round Plasmonic Nanoparticles: When Imperfection is Only Perfect. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17968-17974.	3.1	33
12	Intertidal exposure favors the soft-studded armor of adaptive mussel coatings. <i>Nature Communications</i> , 2018, 9, 3424.	12.8	23
13	Assessing the Stability of Fluorescently Encoded Nanoparticles in Lysosomes by Using Complementary Methods. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13382-13386.	13.8	22
14	Mimicking the Chemistry of Natural Eumelanin Synthesis: The KE Sequence in Polypeptides and in Proteins Allows for a Specific Control of Nanosized Functional Polydopamine Formation. <i>Biomacromolecules</i> , 2018, 19, 3693-3704.	5.4	22
15	A lock-in-based method to examine the thermal signatures of magnetic nanoparticles in the liquid, solid and aggregated states. <i>Nanoscale</i> , 2016, 8, 13321-13332.	5.6	19
16	Luminescent Nanoparticles with Lanthanide-Containing Poly(ethylene glycol)- <i>b</i> -Poly(μ -caprolactone) Block Copolymers. <i>Biomacromolecules</i> , 2014, 15, 3994-4001.	5.4	18
17	The human Descemet's membrane and lens capsule: Protein composition and biomechanical properties. <i>Experimental Eye Research</i> , 2020, 201, 108326.	2.6	17
18	Lock-In Thermography as an Analytical Tool for Magnetic Nanoparticles: Measuring Heating Power and Magnetic Fields. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27164-27175.	3.1	15

#	ARTICLE	IF	CITATIONS
19	Catechol-derivatized poly(vinyl alcohol) as a coating molecule for magnetic nanoclusters. Journal of Magnetism and Magnetic Materials, 2015, 380, 157-162.	2.3	10
20	Lock-in thermography as a rapid and reproducible thermal characterization method for magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2017, 427, 206-211.	2.3	9
21	A guide to investigating colloidal nanoparticles by cryogenic transmission electron microscopy: pitfalls and benefits. ALMS Biophysics, 2015, 2, 245-258.	0.6	8
22	Material Properties of the Internal Limiting Membrane and Their Significance in Chromovitrectomy. Ophthalmologica, 2013, 230, 11-20.	1.9	4
23	Assessing the Stability of Fluorescently Encoded Nanoparticles in Lysosomes by Using Complementary Methods. Angewandte Chemie, 2017, 129, 13567-13571.	2.0	2
24	Macromol. Rapid Commun. 6/2015. Macromolecular Rapid Communications, 2015, 36, 576-576.	3.9	1