Christine Moriscot

List of Publications by Year
in descending order

25 papers	1,309 citations	361413 20 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	2432 citing authors

#	Article	IF	Citations
1	Human Bone Marrow Mesenchymal Stem Cells Can Express Insulin and Key Transcription Factors of the Endocrine Pancreas Developmental Pathway upon Genetic and/or Microenvironmental Manipulation In Vitro. Stem Cells, 2005, 23, 594-603.	3.2	254
2	A Crescent-Shaped ALIX Dimer Targets ESCRT-III CHMP4 Filaments. Structure, 2009, 17, 843-856.	3.3	116
3	Oral Treatment with the <scp>d</scp>-Enantiomeric Peptide D3 Improves the Pathology and Behavior of Alzheimerâ€™s Disease Transgenic Mice. ACS Chemical Neuroscience, 2010, 1, 639-648.	3.5	107
4	Plastid thylakoid architecture optimizes photosynthesis in diatoms. Nature Communications, 2017, 8, 15885.	12.8	93
5	M-Ficolin Interacts with the Long Pentraxin PTX3: A Novel Case of Cross-Talk between Soluble Pattern-Recognition Molecules. Journal of Immunology, 2011, 186, 5815-5822.	0.8	72
6	Remodeling of the Z-Ring Nanostructure during the Streptococcus pneumoniae Cell Cycle Revealed by Photoactivated Localization Microscopy. MBio, 2015, 6, .	4.1	63
7	Crenarchaeal CdvA Forms Double-Helical Filaments Containing DNA and Interacts with ESCRT-III-Like CdvB. PLoS ONE, 2011, 6, e21921.	2.5	56
8	Expression of recombinant human complement C1q allows identification of the C1r/C1s-binding sites. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8650-8655.	7.1	55
9	Human and Pneumococcal Cell Surface Glyceraldehyde-3-phosphate Dehydrogenase (GAPDH) Proteins Are Both Ligands of Human C1q Protein. Journal of Biological Chemistry, 2012, 287, 42620-42633.	3.4	51
10	Morphological bases of phytoplankton energy management and physiological responses unveiled by 3D subcellular imaging. Nature Communications, 2021, 12, 1049.	12.8	51
11	Structural investigation of a chaperonin in action reveals how nucleotide binding regulates the functional cycle. Science Advances, 2018, 4, eaau4196.	10.3	44
12	Combining Independent Drug Classes into Superior, Synergistically Acting Hybrid Molecules. Angewandte Chemie - International Edition, 2010, 49, 8743-8746.	13.8	43
13	On the Operational Aspects of Measuring Nanoparticle Sizes. Nanomaterials, 2019, 9, 18.	4.1	41
14	Importance of viral genomic composition in modulating glycoprotein content on the surface of influenza virus particles. Virology, 2011, 414, 51-62.	2.4	36
15	Magnetic Resonance Imaging and Fluorescence Labeling of Clinical-Grade Mesenchymal Stem Cells Without Impacting Their Phenotype: Study in a Rat Model of Stroke. Stem Cells Translational Medicine, 2012, 1, 333-340.	3.3	32
16	Cryo-Electron Microscopy Three-Dimensional Structure of the Jumbo Phage Î¦RSL1 Infecting the Phytopathogen Ralstonia solanacearum. Structure, 2013, 21, 298-305.	3.3	29
17	Physicochemical alterations and toxicity of InP alloyed quantum dots aged in environmental conditions: A safer by design evaluation. NanoImpact, 2019, 14, 100168.	4.5	29
18	Unraveling self-assembly pathways of the 468-kDa proteolytic machine TET2. Science Advances, 2017, 3, e1601601.	10.3	28

#	Article	IF	Citations
19	The C-Terminal Domains of Adenovirus Serotype 5 Protein IX Assemble into an Antiparallel Structure on the Facets of the Capsid. Journal of Virology, 2009, 83, 1135-1139.	3.4	24
20	Influences of Nanoparticles Characteristics on the Cellular Responses: The Example of Iron Oxide and Macrophages. Nanomaterials, 2020, 10, 266.	4.1	23
21	Peptidoglycan Oâ€acetylation is functionally related to cell wall biosynthesis and cell division in Streptococcus pneumoniae. Molecular Microbiology, 2017, 106, 832-846.	2.5	18
22	Structural Analysis of Jumbo Coliphage phAPEC6. International Journal of Molecular Sciences, 2020, 21, 3119.	4.1	13
23	Imaging Plastids in 2D and 3D: Confocal and Electron Microscopy. Methods in Molecular Biology, 2018, 1829, 113-122.	0.9	11
24	Evaluation of the Dermal Toxicity of InZnP Quantum Dots Before and After Accelerated Weathering: Toward a Safer-By-Design Strategy. Frontiers in Toxicology, 2021, 3, 636976.	3.1	10
25	Repeated Exposure of Macrophages to Synthetic Amorphous Silica Induces Adaptive Proteome Changes and a Moderate Cell Activation. Nanomaterials, 2022, 12, 1424.	4.1	3