

Laurent Marichal

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

394
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin aggregation starts at dynamic triple interfaces, originating from solution agitation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112451.	5.0	6
2	Relationships between RNA topology and nucleocapsid structure in a model icosahedral virus. <i>Biophysical Journal</i> , 2021, 120, 3925-3936.	0.5	6
3	Albumin-driven disassembly of lipidic nanoparticles: the specific case of the squalene-adenosine nanodrug. <i>Nanoscale</i> , 2020, 12, 2793-2809.	5.6	9
4	Human Serum Albumin in the Presence of AGuIX Nanoagents: Structure Stabilisation without Direct Interaction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4673.	4.1	13
5	<i>In Situ</i> Analysis of Weakly Bound Proteins Reveals Molecular Basis of Soft Corona Formation. <i>ACS Nano</i> , 2020, 14, 9073-9088.	14.6	38
6	From Protein Corona to Colloidal Self-Assembly: The Importance of Protein Size in Protein-Nanoparticle Interactions. <i>Langmuir</i> , 2020, 36, 8218-8230.	3.5	26
7	How a Virus Circumvents Energy Barriers to Form Symmetric Shells. <i>ACS Nano</i> , 2020, 14, 3170-3180.	14.6	45
8	Protein Corona Composition of Silica Nanoparticles in Complex Media: Nanoparticle Size does not Matter. <i>Nanomaterials</i> , 2020, 10, 240.	4.1	29
9	Protein-Nanoparticle Interactions: What Are the Protein Corona Thickness and Organization?. <i>Langmuir</i> , 2019, 35, 10831-10837.	3.5	40
10	Importance of Post-translational Modifications in the Interaction of Proteins with Mineral Surfaces: The Case of Arginine Methylation and Silica surfaces. <i>Langmuir</i> , 2018, 34, 5312-5322.	3.5	4
11	RNA-binding proteins are a major target of silica nanoparticles in cell extracts. <i>Nanotoxicology</i> , 2016, 10, 1555-1564.	3.0	86
12	Protein Adsorption and Reorganization on Nanoparticles Probed by the Coffee-Ring Effect: Application to Single Point Mutation Detection. <i>Journal of the American Chemical Society</i> , 2016, 138, 11623-11632.	13.7	92