

# Laurent Marichal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2718918/publications.pdf>

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  | 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        |
| 2  | RNA-binding proteins are a major target of silica nanoparticles in cell extracts. <i>Nanotoxicology</i> , 2016, 10, 1555-1564.   | 3.0  | 86        |
| 3  | How a Virus Circumvents Energy Barriers to Form Symmetric Shells. <i>ACS Nano</i> , 2020, 14, 3170-3180.   | 14.6 | 45        |
| 4  | Proteinâ€Nanoparticle Interactions: What Are the Proteinâ€Corona Thickness and Organization?. <i>Langmuir</i> , 2019, 35, 10831-10837.   | 3.5  | 40        |
| 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  | Protein Corona Composition of Silica Nanoparticles in Complex Media: Nanoparticle Size does not Matter. <i>Nanomaterials</i> , 2020, 10, 240.  | 4.1  | 29        |
| 7  | From Protein Corona to Colloidal Self-Assembly: The Importance of Protein Size in Proteinâ€Nanoparticle Interactions. <i>Langmuir</i> , 2020, 36, 8218-8230.   | 3.5  | 26        |
| 8  | 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        |
| 9  | Albumin-driven disassembly of lipidic nanoparticles: the specific case of the squalene-adenosine nanodrug. <i>Nanoscale</i> , 2020, 12, 2793-2809.   | 5.6  | 9         |
| 10 | Relationships between RNA topology and nucleocapsid structure in a model icosahedral virus. <i>Biophysical Journal</i> , 2021, 120, 3925-3936.   | 0.5  | 6         |
| 11 | Insulin aggregation starts at dynamic triple interfaces, originating from solution agitation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112451.   | 5.0  | 6         |
| 12 | 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         |