

# Orane Guillaume-Gentil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5261410/publications.pdf>

Version: 2024-02-01

25  
papers

1,327  
citations

516710

16  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1850  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Injection into and extraction from single fungal cells. <i>Communications Biology</i> , 2022, 5, 180.   | 4.4  | 11        |
| 2  | Mitochondria transplantation between living cells. <i>PLoS Biology</i> , 2022, 20, e3001576.  | 5.6  | 28        |
| 3  | Uncoupling bacterial attachment on and detachment from polydimethylsiloxane surfaces through empirical and simulation studies. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 419-430.                    | 9.4  | 9         |
| 4  | FluidFM Applications in Single-Cell Biology. , 2018, , 325-354.   |      | 7         |
| 5  | Bioinspired, nanoscale approaches in contemporary bioanalytics (Review). <i>Biointerphases</i> , 2018, 13, 040801.  | 1.6  | 12        |
| 6  | Single-Cell Mass Spectrometry of Metabolites Extracted from Live Cells by Fluidic Force Microscopy. <i>Analytical Chemistry</i> , 2017, 89, 5017-5023.  | 6.5  | 90        |
| 7  | Tunable Single-Cell Extraction for Molecular Analyses. <i>Cell</i> , 2016, 166, 506-516.  | 28.9 | 155       |
| 8  | Controlled single-cell deposition and patterning by highly flexible hollow cantilevers. <i>Lab on A Chip</i> , 2016, 16, 1663-1674.   | 6.0  | 27        |
| 9  | Isolation of single mammalian cells from adherent cultures by fluidic force microscopy. <i>Lab on A Chip</i> , 2014, 14, 402-414.   | 6.0  | 45        |
| 10 | Force-controlled manipulation of single cells: from AFM to FluidFM. <i>Trends in Biotechnology</i> , 2014, 32, 381-388.   | 9.3  | 190       |
| 11 | Microfluidics: Force-controlled Fluidic Injection into Single Cell Nuclei (Small 11/2013). <i>Small</i> , 2013, 9, 1870-1870.   | 10.0 | 1         |
| 12 | Force-controlled Fluidic Injection into Single Cell Nuclei. <i>Small</i> , 2013, 9, 1904-1907.  | 10.0 | 70        |
| 13 | Rapid and Serial Quantification of Adhesion Forces of Yeast and Mammalian Cells. <i>PLoS ONE</i> , 2012, 7, e52712.   | 2.5  | 106       |
| 14 | Ion-induced cell sheet detachment from standard cell culture surfaces coated with polyelectrolytes. <i>Biomaterials</i> , 2012, 33, 3421-3427.  | 11.4 | 54        |
| 15 | Simultaneous OWLS and EIS monitoring of supported lipid bilayers with the pore forming peptide melittin. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 600-606.   | 7.8  | 18        |
| 16 | From nanodroplets to continuous films: how the morphology of polyelectrolyte multilayers depends on the dielectric permittivity and the surface charge of the supporting substrate. <i>Soft Matter</i> , 2011, 7, 3861. | 2.7  | 17        |
| 17 | Electrochemically switchable platform for the micro-patterning and release of heterotypic cell sheets. <i>Biomedical Microdevices</i> , 2011, 13, 221-230.  | 2.8  | 49        |
| 18 | pH-controlled recovery of placenta-derived mesenchymal stem cell sheets. <i>Biomaterials</i> , 2011, 32, 4376-4384.   | 11.4 | 87        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Engineering the Extracellular Environment: Strategies for Building 2D and 3D Cellular Structures. <i>Advanced Materials</i> , 2010, 22, 5443-5462.  | 21.0 | 147       |
| 20 | The quantification of single cell adhesion on functionalized surfaces for cell sheet engineering. <i>Biomaterials</i> , 2010, 31, 6436-6443.  | 11.4 | 40        |
| 21 | Global and local view on the electrochemically induced degradation of polyelectrolyte multilayers: from dissolution to delamination. <i>Soft Matter</i> , 2010, 6, 4246.                      | 2.7  | 26        |
| 22 | Zirconium Ion Mediated Formation of Liposome Multilayers. <i>Langmuir</i> , 2010, 26, 10995-11002.  | 3.5  | 11        |
| 23 | Chemically Tunable Electrochemical Dissolution of Noncontinuous Polyelectrolyte Assemblies: An In Situ Study Using ecAFM. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 3525-3531. | 8.0  | 4         |
| 24 | Polyelectrolyte Coatings with a Potential for Electronic Control and Cell Sheet Engineering. <i>Advanced Materials</i> , 2008, 20, 560-565.   | 21.0 | 100       |
| 25 | FluidFM: Development of the Instrument as well as Its Applications for 2D and 3D Lithography. , 0, , 295-323.   |      | 11        |