

# Christelle Guillermier

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

906  
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759233  
12  
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839539  
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docs citations

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times ranked

1542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-isotope imaging mass spectrometry quantifies stem cell division and metabolism. <i>Nature</i> , 2012, 481, 516-519.	27.8	274
2	Loss of White Adipose Hyperplastic Potential Is Associated with Enhanced Susceptibility to Insulin Resistance. <i>Cell Metabolism</i> , 2014, 20, 1049-1058.	16.2	157
3	Exercise induces new cardiomyocyte generation in the adult mammalian heart. <i>Nature Communications</i> , 2018, 9, 1659.	12.8	134
4	Control of cytokinesis by $\beta_2$ -adrenergic receptors indicates an approach for regulating cardiomyocyte endowment. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	73
5	Imaging mass spectrometry demonstrates age-related decline in human adipose plasticity. <i>JCI Insight</i> , 2017, 2, e90349.	5.0	66
6	Compositional Changes at the Early Stages of Nanoparticles Growth in Glasses. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29008-29014.	3.1	36
7	Amyloid- $\beta^2$ Plaques in Clinical Alzheimer's Disease Brain Incorporate Stable Isotope Tracer In Vivo and Exhibit Nanoscale Heterogeneity. <i>Frontiers in Neurology</i> , 2018, 9, 169.	2.4	24
8	Zinc-Induced Polymerization of Killer-Cell Ig-like Receptor into Filaments Promotes Its Inhibitory Function at Cytotoxic Immunological Synapses. <i>Molecular Cell</i> , 2016, 62, 21-33.	9.7	23
9	Imaging mass spectrometry reveals heterogeneity of proliferation and metabolism in atherosclerosis. <i>JCI Insight</i> , 2019, 4, .	5.0	19
10	Single-cell RNA sequencing reveals metallothionein heterogeneity during hESC differentiation to definitive endoderm. <i>Stem Cell Research</i> , 2018, 28, 48-55.	0.7	18
11	Coupling APEX labeling to imaging mass spectrometry of single organelles reveals heterogeneity in lysosomal protein turnover. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	18
12	Quantitative imaging of deuterated metabolic tracers in biological tissues with nanoscale secondary ion mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2017, 422, 42-50.	1.5	17
13	Imaging Mass Spectrometry Reveals Tumor Metabolic Heterogeneity. <i>IScience</i> , 2020, 23, 101355.	4.1	17
14	Quasi-simultaneous acquisition of nine secondary ions with seven detectors on NanoSIMS50L: application to biological samples. <i>Surface and Interface Analysis</i> , 2014, 46, 150-153.	1.8	9
15	Approaches to increasing analytical throughput of human samples with multi-isotope imaging mass spectrometry. <i>Surface and Interface Analysis</i> , 2014, 46, 165-168.	1.8	7
16	Quantitative imaging of selenoprotein with multi-isotope imaging mass spectrometry (MIMS). <i>Surface and Interface Analysis</i> , 2014, 46, 154-157.	1.8	6
17	Quantifying cell division with deuterated water and multi-isotope imaging mass spectrometry (MIMS). <i>Surface and Interface Analysis</i> , 2014, 46, 161-164.	1.8	4
18	A Cycle of Inflammatory Adipocyte Death and Regeneration in Murine Adipose Tissue. <i>Diabetes</i> , 2022, 71, 412-423.	0.6	4