

# Raphael Gaudin

## List of Publications by Citations

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34  
papers

4,547  
citations

20  
h-index

43  
g-index

43  
ext. papers

6,572  
ext. citations

10.2  
avg, IF

4.43  
L-index

#	Paper	IF	Citations
34	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1535750	16.4	3642
33	Dynamics of phosphoinositide conversion in clathrin-mediated endocytic traffic. <i>Nature</i> , <b>2017</b> , 552, 410-414	30.4	86
32	Dynamin recruitment and membrane scission at the neck of a clathrin-coated pit. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 3595-609	3.5	86
31	Membrane dynamics of dividing cells imaged by lattice light-sheet microscopy. <i>Molecular Biology of the Cell</i> , <b>2016</b> , 27, 3418-3435	3.5	73
30	Post-lockdown detection of SARS-CoV-2 RNA in the wastewater of Montpellier, France. <i>One Health</i> , <b>2020</b> , 10, 100157	7.6	64
29	HIV-1 assembly in macrophages. <i>Retrovirology</i> , <b>2010</b> , 7, 29	3.6	60
28	The ESCRT-III Protein CHMP1A Mediates Secretion of Sonic Hedgehog on a Distinctive Subtype of Extracellular Vesicles. <i>Cell Reports</i> , <b>2018</b> , 24, 973-986.e8	10.6	49
27	Sorting of small infectious virus particles by flow virometry reveals distinct infectivity profiles. <i>Nature Communications</i> , <b>2015</b> , 6, 6022	17.4	48
26	Zika virus enhances monocyte adhesion and transmigration favoring viral dissemination to neural cells. <i>Nature Communications</i> , <b>2019</b> , 10, 4430	17.4	41
25	Dynamics of HIV-containing compartments in macrophages reveal sequestration of virions and transient surface connections. <i>PLoS ONE</i> , <b>2013</b> , 8, e69450	3.7	38
24	HIV trafficking in host cells: motors wanted!. <i>Trends in Cell Biology</i> , <b>2013</b> , 23, 652-62	18.3	34
23	Critical role for the kinesin KIF3A in the HIV life cycle in primary human macrophages. <i>Journal of Cell Biology</i> , <b>2012</b> , 199, 467-79	7.3	34
22	Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. <i>Cell Reports</i> , <b>2019</b> , 27, 3049-3061.e6	10.6	29
21	Solute Carrier NTCP Regulates Innate Antiviral Immune Responses Targeting Hepatitis C Virus Infection of Hepatocytes. <i>Cell Reports</i> , <b>2016</b> , 17, 1357-1368	10.6	29
20	The actin cytoskeletal architecture of estrogen receptor positive breast cancer cells suppresses invasion. <i>Nature Communications</i> , <b>2018</b> , 9, 2980	17.4	29
19	Asymmetric formation of coated pits on dorsal and ventral surfaces at the leading edges of motile cells and on protrusions of immobile cells. <i>Molecular Biology of the Cell</i> , <b>2015</b> , 26, 2044-53	3.5	26
18	CD36-specific antibodies block release of HIV-1 from infected primary macrophages and its transmission to T cells. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 2523-38	16.6	26

17	Dynamics of Auxilin 1 and GAK in clathrin-mediated traffic. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	23
16	Regulation of interleukin-4 signaling by extracellular reduction of intramolecular disulfides. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 390, 1272-7	3.4	22
15	Identification and Characterization of a Novel Broad-Spectrum Virus Entry Inhibitor. <i>Journal of Virology</i> , <b>2016</b> , 90, 4494-4510	6.6	21
14	Inhibition of JCPyV infection mediated by targeted viral genome editing using CRISPR/Cas9. <i>Scientific Reports</i> , <b>2016</b> , 6, 36921	4.9	19
13	Blood monocytes sample MelanA/MART1 antigen for long-lasting cross-presentation to CD8 T cells after differentiation into dendritic cells. <i>International Journal of Cancer</i> , <b>2018</b> , 142, 133-144	7.5	12
12	Residual HIV-1 DNA Flap-independent nuclear import of cPPT/CTS double mutant viruses does not support spreading infection. <i>Retrovirology</i> , <b>2011</b> , 8, 92	3.6	11
11	Hypoxia-induced human deoxyribonuclease I is a cellular restriction factor of hepatitis B virus. <i>Nature Microbiology</i> , <b>2019</b> , 4, 1196-1207	26.6	9
10	Superinfection exclusion is absent during acute Junin virus infection of Vero and A549 cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 15990	4.9	8
9	A viral journey to the brain: Current considerations and future developments. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008434	7.6	8
8	Tracking Mechanisms of Viral Dissemination In Vivo. <i>Trends in Cell Biology</i> , <b>2021</b> , 31, 17-23	18.3	7
7	Post-lockdown detection of SARS-CoV-2 RNA in the wastewater of Montpellier, France		3
6	Characterisation of endogenous Claudin-1 expression, motility and susceptibility to hepatitis C virus in CRISPR knock-in cells. <i>Biology of the Cell</i> , <b>2020</b> , 112, 140-151	3.5	2
5	Mapping Cell Membrane Organization and Dynamics Using Soft Nanoimprint Lithography. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29000-29012	9.5	1
4	CRISPR-based bioengineering of the Transferrin Receptor revealed a role for Rab7 in the biosynthetic secretory pathway		1
3	Mapping Cell Membrane Organization and Dynamics Using Soft Nano-Imprint Lithography		1
2	Rab7-harboring vesicles are carriers of the transferrin receptor through the biosynthetic secretory pathway. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	1
1	Imaging the Hepatitis B Virus: Broadcasting Live. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 810-813	12.4	0