Guillaume van Niel

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/6535823/guillaume-van-niel-publications-by-year.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58 papers	12,664 citations	35 h-index	67 g-index
67 ext. papers	17,036 ext. citations	12.8 avg, IF	6.71 L-index

#	Paper	IF	Citations
58	LAMP2A regulates the loading of proteins into exosomes.. *Science Advances*, **2022**, 8, eabm1140	14.3	8
57	Challenges and directions in studying cell-cell communication by extracellular vesicles.. *Nature Reviews Molecular Cell Biology*, **2022**,	48.7	20
56	Zebrafish Melanoma-Derived Interstitial EVs Are Carriers of ncRNAs That Induce Inflammation. *International Journal of Molecular Sciences*, **2022**, 23, 5510	6.3	
55	Extracellular vesicles and homeostasis-An emerging field in bioscience research. *FASEB BioAdvances* , **2021**, 3, 456-458	2.8	2
54	Recent electrokinetic strategies for isolation, enrichment and separation of extracellular vesicles. *TrAC - Trends in Analytical Chemistry*, **2021**, 135, 116179	14.6	5
53	In vivo imaging of EVs in zebrafish: New perspectives from "the waterside". *FASEB BioAdvances*, **2021**, 3, 918-929	2.8	2
52	The power of imaging to understand extracellular vesicle biology in vivo. *Nature Methods*, **2021**, 18, 1013-1026	21.6	38
51	Zebrafish as a preclinical model for Extracellular Vesicle-based therapeutic development. *Advanced Drug Delivery Reviews*, **2021**, 176, 113815	18.5	4
50	Rapid Isolation of Rare Isotype-Switched Hybridoma Variants: Application to the Generation of IgG2a and IgG2b MAb to CD63, a Late Endosome and Exosome Marker. *Antibodies*, **2020**, 9,	7	2
49	Origin and role of the cerebrospinal fluid bidirectional flow in the central canal. *ELife*, **2020**, 9,	8.9	26
48	Real-time imaging of multivesicular body-plasma membrane fusion to quantify exosome release from single cells. *Nature Protocols*, **2020**, 15, 102-121	18.8	38
47	Transmissible Endosomal Intoxication: A Balance between Exosomes and Lysosomes at the Basis of Intercellular Amyloid Propagation. *Biomedicines*, **2020**, 8,	4.8	9
46	The PIKfyve complex regulates the early melanosome homeostasis required for physiological amyloid formation. *Journal of Cell Science*, **2019**, 132,	5.3	10
45	Live Tracking of Inter-organ Communication by Endogenous Exosomes In Vivo. *Developmental Cell*, **2019**, 48, 573-589.e4	10.2	136
44	Studying the Fate of Tumor Extracellular Vesicles at High Spatiotemporal Resolution Using the Zebrafish Embryo. *Developmental Cell*, **2019**, 48, 554-572.e7	10.2	95
43	Extracellular Vesicles: Catching the Light in Zebrafish. *Trends in Cell Biology*, **2019**, 29, 770-776	18.3	24
42	Biological membranes in EV biogenesis, stability, uptake, and cargo transfer: an ISEV position paper arising from the ISEV membranes and EVs workshop. *Journal of Extracellular Vesicles*, **2019**, 8, 1684862	16.4	97

41	Shedding light on the cell biology of extracellular vesicles. *Nature Reviews Molecular Cell Biology*, **2018**, 19, 213-228	48.7	2729
40	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. *Journal of Cell Biology*, **2018**, 217, 1129-1142	7.3	124
39	To be or not to be... secreted as exosomes, a balance finely tuned by the mechanisms of biogenesis. *Essays in Biochemistry*, **2018**, 62, 177-191	7.6	47
38	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. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
37	A new ALK isoform transported by extracellular vesicles confers drug resistance to melanoma cells. *Molecular Cancer*, **2018**, 17, 145	42.1	37
36	Rab4A organizes endosomal domains for sorting cargo to lysosome-related organelles. *Journal of Cell Science*, **2018**, 131,	5.3	13
35	ABCB6 Resides in Melanosomes and Regulates Early Steps of Melanogenesis Required for PMEL Amyloid Matrix Formation. *Journal of Molecular Biology*, **2018**, 430, 3802-3818	6.5	9
34	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. *Nature Methods*, **2017**, 14, 228-232	21.6	560
33	Tubular clathrin/AP-2 lattices pinch collagen fibers to support 3D cell migration. *Science*, **2017**, 356,	33.3	65
32	Liver Metastasis Is Facilitated by the Adherence of Circulating Tumor Cells to Vascular Fibronectin Deposits. *Cancer Research*, **2017**, 77, 3431-3441	10.1	46
31	PIKfyve activity regulates reformation of terminal storage lysosomes from endolysosomes. *Traffic*, **2017**, 18, 747-757	5.7	52
30	Restricted Location of PSEN2/γSecretase Determines Substrate Specificity and Generates an Intracellular Aβ Pool. *Cell*, **2016**, 166, 193-208	56.2	181
29	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. *ACS Nano*, **2016**, 10, 3886-99	16.7	304
28	PMEL Amyloid Fibril Formation: The Bright Steps of Pigmentation. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	53
27	Study of Exosomes Shed New Light on Physiology of Amyloidogenesis. *Cellular and Molecular Neurobiology*, **2016**, 36, 327-42	4.6	9
26	Exosomes released by keratinocytes modulate melanocyte pigmentation. *Nature Communications*, **2015**, 6, 7506	17.4	112
25	Role of the N-terminal transmembrane domain in the endo-lysosomal targeting and function of the human ABCB6 protein. *Biochemical Journal*, **2015**, 467, 127-39	3.8	27
24	Apolipoprotein E Regulates Amyloid Formation within Endosomes of Pigment Cells. *Cell Reports*, **2015**, 13, 43-51	10.6	77

23	Emerging roles of extracellular vesicles in the nervous system. *Journal of Neuroscience*, **2014**, 34, 15482-96	6.6	166
22	PMEL: a pigment cell-specific model for functional amyloid formation. *Pigment Cell and Melanoma Research*, **2013**, 26, 300-15	4.5	96
21	Analysis of ESCRT functions in exosome biogenesis, composition and secretion highlights the heterogeneity of extracellular vesicles. *Journal of Cell Science*, **2013**, 126, 5553-65	5.3	788
20	Distinct lipid compositions of two types of human prostasomes. *Proteomics*, **2013**, 13, 1660-6	4.8	95
19	Metastasis suppressor tetraspanin CD82/KAI1 regulates ubiquitylation of epidermal growth factor receptor. *Journal of Biological Chemistry*, **2013**, 288, 26323-26334	5.4	45
18	BACE2 processes PMEL to form the melanosome amyloid matrix in pigment cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 10658-63	11.5	116
17	International Society for Extracellular Vesicles: first annual meeting, April 17-21, 2012: ISEV-2012. *Journal of Extracellular Vesicles*, **2012**, 1, 19995	16.4	21
16	The tetraspanin CD63 regulates ESCRT-independent and -dependent endosomal sorting during melanogenesis. *Developmental Cell*, **2011**, 21, 708-21	10.2	495
15	Endosomally stored MHC class II does not contribute to antigen presentation by dendritic cells at inflammatory conditions. *Traffic*, **2011**, 12, 1025-36	5.7	17
14	N-terminal domains elicit formation of functional Pmel17 amyloid fibrils. *Journal of Biological Chemistry*, **2009**, 284, 35543-55	5.4	79
13	MHC II in dendritic cells is targeted to lysosomes or T cell-induced exosomes via distinct multivesicular body pathways. *Traffic*, **2009**, 10, 1528-42	5.7	284
12	Endosomal sorting of MHC class II determines antigen presentation by dendritic cells. *Current Opinion in Cell Biology*, **2008**, 20, 437-44	9	56
11	Secretory IgA mediates retrotranscytosis of intact gliadin peptides via the transferrin receptor in celiac disease. *Journal of Experimental Medicine*, **2008**, 205, 143-54	16.6	215
10	Secretory IgA mediates retrotranscytosis of intact gliadin peptides via the transferrin receptor in celiac disease. *Journal of Cell Biology*, **2008**, 180, i1-i1	7.3	0
9	T84-intestinal epithelial exosomes bear MHC class II/peptide complexes potentiating antigen presentation by dendritic cells. *Gastroenterology*, **2007**, 132, 1866-76	13.3	178
8	Exosomes: a common pathway for a specialized function. *Journal of Biochemistry*, **2006**, 140, 13-21	3.1	649
7	Dendritic cells regulate exposure of MHC class II at their plasma membrane by oligoubiquitination. *Immunity*, **2006**, 25, 885-94	32.3	152
6	Gastric Helicobacter infection inhibits development of oral tolerance to food antigens in mice. *Infection and Immunity*, **2003**, 71, 5219-24	3.7	22

5	The epithelial cell cytoskeleton and intracellular trafficking. II. Intestinal epithelial cell exosomes: perspectives on their structure and function. *American Journal of Physiology - Renal Physiology*, **2002**, 283, G251-5	5.1	36
4	Intestinal epithelial cells secrete exosome-like vesicles. *Gastroenterology*, **2001**, 121, 337-49	13.3	528
3	Studying the fate of tumor extracellular vesicles at high spatio-temporal resolution using the zebrafish embryo		1
2	Live tracking of inter-organ communication by endogenous exosomes in vivo		4
1	Origin of the bidirectionality of cerebrospinal fluid flow and impact on long-range transport between brain and spinal cord		1