

# Dirk Michiel Pegtel

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

19,222  
citations

81839

39  
h-index

95218

68  
g-index

75  
all docs

75  
docs citations

75  
times ranked

24584  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2018, 7, 1535750.	5.5	6,961
2	Exosomes. <i>Annual Review of Biochemistry</i> , 2019, 88, 487-514.	5.0	1,570
3	Functional delivery of viral miRNAs via exosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6328-6333.	3.3	1,437
4	Methodological Guidelines to Study Extracellular Vesicles. <i>Circulation Research</i> , 2017, 120, 1632-1648.	2.0	728
5	InÂVivo Imaging Reveals Extracellular Vesicle-Mediated Phenocopying of Metastatic Behavior. <i>Cell</i> , 2015, 161, 1046-1057.	13.5	704
6	Human bone marrow- and adipose-mesenchymal stem cells secrete exosomes enriched in distinctive miRNA and tRNA species. <i>Stem Cell Research and Therapy</i> , 2015, 6, 127.	2.4	599
7	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA â€“ an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1286095.	5.5	561
8	Biogenesis and function of extracellular vesicles in cancer. , 2018, 188, 1-11.		549
9	Nontemplated Nucleotide Additions Distinguish the Small RNA Composition in Cells from Exosomes. <i>Cell Reports</i> , 2014, 8, 1649-1658.	2.9	484
10	Mesenchymal stem cell secreted vesicles provide novel opportunities in (stem) cell-free therapy. <i>Frontiers in Physiology</i> , 2012, 3, 359.	1.3	437
11	Endothelial cells require miR-214 to secrete exosomes that suppress senescence and induce angiogenesis in human and mouse endothelial cells. <i>Blood</i> , 2013, 121, 3997-4006.	0.6	426
12	Exosomes. <i>Communicative and Integrative Biology</i> , 2010, 3, 447-450.	0.6	302
13	Blood platelets contain tumor-derived RNA biomarkers. <i>Blood</i> , 2011, 118, 3680-3683.	0.6	301
14	Quantitative and qualitative analysis of small RNAs in human endothelial cells and exosomes provides insights into localized RNA processing, degradation and sorting. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26760.	5.5	235
15	Live Tracking of Inter-organ Communication by Endogenous Exosomes InÂVivo. <i>Developmental Cell</i> , 2019, 48, 573-589.e4.	3.1	231
16	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. <i>Journal of Cell Biology</i> , 2018, 217, 1129-1142.	2.3	227
17	Extracellular Vesicles Exploit Viral Entry Routes for Cargo Delivery. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 369-386.	2.9	207
18	LMP1 association with CD63 in endosomes and secretion via exosomes limits constitutive NF-Î²B activation. <i>EMBO Journal</i> , 2011, 30, 2115-2129.	3.5	201

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19	Extracellular vesicles as modulators of cell-to-cell communication in the healthy and diseased brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130516.	1.8	180
20	Comprehensive Profiling of Epstein-Barr Virus MicroRNAs in Nasopharyngeal Carcinoma. <i>Journal of Virology</i> , 2009, 83, 2357-2367.	1.5	169
21	The power of imaging to understand extracellular vesicle biology in vivo. <i>Nature Methods</i> , 2021, 18, 1013-1026.	9.0	163
22	The Par-Tiam1 Complex Controls Persistent Migration by Stabilizing Microtubule-Dependent Front-Rear Polarity. <i>Current Biology</i> , 2007, 17, 1623-1634.	1.8	157
23	Blocking Tumor-Educated MSC Paracrine Activity Halts Osteosarcoma Progression. <i>Clinical Cancer Research</i> , 2017, 23, 3721-3733.	3.2	150
24	Sensing of latent EBV infection through exosomal transfer of 5â€²pppRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E587-96.	3.3	136
25	ISEV position paper: extracellular vesicle RNA analysis and bioinformatics. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	5.5	126
26	A Novel Persistence Associated EBV miRNA Expression Profile Is Disrupted in Neoplasia. <i>PLoS Pathogens</i> , 2011, 7, e1002193.	2.1	123
27	Plasma vesicle miRNAs for therapy response monitoring in Hodgkin lymphoma patients. <i>JCI Insight</i> , 2016, 1, e89631.	2.3	121
28	Multiple roles of LMP1 in Epstein-Barr virus induced immune escape. <i>Seminars in Cancer Biology</i> , 2008, 18, 388-396.	4.3	114
29	Virus-modified exosomes for targeted RNA delivery; A new approach in nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 348-356.	6.6	114
30	Non-invasive prostate cancer detection by measuring miRNA variants (isomiRs) in urine extracellular vesicles. <i>Oncotarget</i> , 2016, 7, 22566-22578.	0.8	113
31	Extracellular Vesicles and Their Convergence with Viral Pathways. <i>Advances in Virology</i> , 2012, 2012, 1-12.	0.5	111
32	Viral miRNAs exploiting the endosomalâ€“exosomal pathway for intercellular cross-talk and immune evasion. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 715-721.	0.9	108
33	Epstein-Barr Virus Infection in Ex Vivo Tonsil Epithelial Cell Cultures of Asymptomatic Carriers. <i>Journal of Virology</i> , 2004, 78, 12613-12624.	1.5	102
34	Tiam1 takes PART in cell polarity. <i>Trends in Cell Biology</i> , 2006, 16, 308-316.	3.6	99
35	Epstein-Barr-Virus-Encoded LMP2A Induces Primary Epithelial Cell Migration and Invasion: Possible Role in Nasopharyngeal Carcinoma Metastasis. <i>Journal of Virology</i> , 2005, 79, 15430-15442.	1.5	88
36	The Rac activator Tiam1 is required for $\beta$ 1-mediated laminin-5 deposition, cell spreading, and cell migration. <i>Journal of Cell Biology</i> , 2005, 171, 871-881.	2.3	88

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37	Real-time imaging of multivesicular bodyâ€“plasma membrane fusion to quantify exosome release from single cells. <i>Nature Protocols</i> , 2020, 15, 102-121.	5.5	84
38	Targeted proteomics in urinary extracellular vesicles identifies biomarkers for diagnosis and prognosis of prostate cancer. <i>Oncotarget</i> , 2017, 8, 4960-4976.	0.8	80
39	Glycosylated extracellular vesicles released by glioblastoma cells are decorated by CCL18 allowing for cellular uptake via chemokine receptor CCR8. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1446660.	5.5	64
40	Vesicleâ€“bound EBVâ€“BART13â€“p miRNA in circulation distinguishes nasopharyngeal from other head and neck cancer and asymptomatic EBVâ€“infections. <i>International Journal of Cancer</i> , 2019, 144, 2555-2566.	2.3	49
41	The forces driving cancer extracellular vesicle secretion. <i>Neoplasia</i> , 2021, 23, 149-157.	2.3	43
42	Advances, challenges, and opportunities in extracellular RNA biology: insights from the NIH exRNA Strategic Workshop. <i>JCI Insight</i> , 2018, 3, .	2.3	41
43	Analysis of Viral MicroRNA Exchange via Exosomes In Vitro and In Vivo. <i>Methods in Molecular Biology</i> , 2013, 1024, 53-68.	0.4	40
44	Physiological evidence for diversification of IFNÎ±- and IFNÎ²-mediated response programs in different autoimmune diseases. <i>Arthritis Research and Therapy</i> , 2016, 18, 49.	1.6	32
45	Autoantibody Specificities and Type I Interferon Pathway Activation in Idiopathic Inflammatory Myopathies. <i>Scandinavian Journal of Immunology</i> , 2016, 84, 100-109.	1.3	30
46	Intracellular signaling controlled by the endosomal-exosomal pathway. <i>Communicative and Integrative Biology</i> , 2012, 5, 88-93.	0.6	29
47	Exosomal sorting of the viral oncoprotein LMP1 is restrained by TRAF2 association at signalling endosomes. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26334.	5.5	28
48	In-depth cell-free DNA sequencing reveals genomic landscape of Hodgkinâ€™s lymphoma and facilitates ultrasensitive residual disease detection. <i>Med</i> , 2021, 2, 1171-1193.e11.	2.2	24
49	Urinary biomarkers for the detection of prostate cancer in patients with highâ€“grade prostatic intraepithelial neoplasia. <i>Prostate</i> , 2015, 75, 1102-1113.	1.2	23
50	The Convergence of Extracellular Vesicle and GPCR Biology. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 627-640.	4.0	21
51	Cancer-ID: Toward Identification of Cancer by Tumor-Derived Extracellular Vesicles in Blood. <i>Frontiers in Oncology</i> , 2020, 10, 608.	1.3	20
52	Extracellular vesicle miRNA predict FDGâ€“PET status in patients with classical Hodgkin Lymphoma. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12121.	5.5	18
53	Circulating miRNAs as Biomarkers in Aggressive B Cell Lymphomas. <i>Trends in Cancer</i> , 2020, 6, 910-923.	3.8	17
54	The Effect of Preanalytical and Physiological Variables on Cell-Free DNA Fragmentation. <i>Clinical Chemistry</i> , 2022, 68, 803-813.	1.5	16

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55	Human Salivary Micro-RNA in Patients with Parotid Salivary Gland Neoplasms. PLoS ONE, 2015, 10, e0142264.	1.1	15
56	Altered microRNA processing proteins in HPV-induced cancers. Current Opinion in Virology, 2019, 39, 23-32.	2.6	15
57	Circulating Tumor DNA as a Preoperative Marker of Recurrence in Patients with Peritoneal Metastases of Colorectal Cancer: A Clinical Feasibility Study. Journal of Clinical Medicine, 2020, 9, 1738.	1.0	15
58	Circulating tumor DNA analysis of EGFR-mutant non-small cell lung cancer patients receiving osimertinib following previous tyrosine kinase inhibitor treatment. Lung Cancer, 2020, 145, 173-180.	0.9	14
59	High Levels of EBV-Encoded RNA 1 (EBER1) Trigger Interferon and Inflammation-Related Genes in Keratinocytes Expressing HPV16 E6/E7. PLoS ONE, 2017, 12, e0169290.	1.1	14
60	More than a Bubble: Extracellular Vesicle microRNAs in Head and Neck Squamous Cell Carcinoma. Cancers, 2022, 14, 1160.	1.7	13
61	Oncogenic herpesviruses sending mixed signals. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12503-12504.	3.3	9
62	Expression of Oncolytic Adenovirus-Encoded RNAi Molecules Is Most Effective in a pri-miRNA Precursor Format. Molecular Therapy - Oncolytics, 2020, 19, 332-343.	2.0	8
63	Harnessing EV communication to restore antitumor immunity. Advanced Drug Delivery Reviews, 2021, 176, 113838.	6.6	7
64	IFN- $\gamma$ -Stimulated Genes and Epstein-Barr Virus Gene Expression Distinguish WHO Type II and III Nasopharyngeal Carcinomas. Cancer Research, 2007, 67, 474-481.	0.4	6
65	Packaging RNA drugs into extracellular vesicles. Nature Biomedical Engineering, 2020, 4, 6-8.	11.6	6
66	Exosomes take (germinal) center stage. EMBO Reports, 2020, 21, e50190.	2.0	3
67	Censoring exosomal crosstalk in osteoarthritis. Nature Aging, 2021, 1, 332-334.	5.3	3
68	Blood-circulating EV-miRNAs, serum TARC, and quantitative FDG-PET features in classical Hodgkin lymphoma. EJHaem, 2022, 3, 908-912.	0.4	2
69	A human tumor virus extends its reach. Future Virology, 2011, 6, 413-415.	0.9	0
70	Circulating tumor DNA (ctDNA) analysis by low-coverage whole genome sequencing (lcWGS) of resectable esophageal adenocarcinoma (rEAC) patients.. Journal of Clinical Oncology, 2021, 39, 4033-4033.	0.8	0
71	Combined IL-6 and IL-8 inhibition to overcome mesenchymal stem cell (MSC)-induced resistance to antimetastatic drugs in osteosarcoma.. Journal of Clinical Oncology, 2022, 40, 10037-10037.	0.8	0
72	Blood-based Monitoring of Relapsed/Refractory Hodgkin Lymphoma Patients Predict Responses to Anti-PD-1 Treatment. HemaSphere, 2022, 6, e749.	1.2	0