

# An Hendrix

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

21,375  
citations

76196

40  
h-index

102304

66  
g-index

69  
all docs

69  
docs citations

69  
times ranked

25227  
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	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	5.5	3,973
3	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	2.6	1,064
4	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	5.5	1,020
5	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. <i>Nature Methods</i> , 2017, 14, 228-232.	9.0	886
6	Methodological Guidelines to Study Extracellular Vesicles. <i>Circulation Research</i> , 2017, 120, 1632-1648.	2.0	728
7	The impact of disparate isolation methods for extracellular vesicles on downstream RNA profiling. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	5.5	725
8	Vesiclepedia 2019: A compendium of RNA, proteins, lipids and metabolites in extracellular vesicles. <i>Nucleic Acids Research</i> , 2019, 47, D516-D519.	6.5	515
9	Electroporation-induced siRNA precipitation obscures the efficiency of siRNA loading into extracellular vesicles. <i>Journal of Controlled Release</i> , 2013, 172, 229-238.	4.8	457
10	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016, 10, 3886-3899.	7.3	397
11	Bone marrow stromal cell-derived exosomes as communicators in drug resistance in multiple myeloma cells. <i>Blood</i> , 2014, 124, 555-566.	0.6	371
12	A novel community driven software for functional enrichment analysis of extracellular vesicles data. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1321455.	5.5	314
13	Identification of a novel mechanism of blood-brain communication during peripheral inflammation via choroid plexus-derived extracellular vesicles. <i>EMBO Molecular Medicine</i> , 2016, 8, 1162-1183.	3.3	259
14	MIFlowCyt-EV: a framework for standardized reporting of extracellular vesicle flow cytometry experiments. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1713526.	5.5	243
15	Cellular Disposal of miR23b by RAB27-Dependent Exosome Release Is Linked to Acquisition of Metastatic Properties. <i>Cancer Research</i> , 2014, 74, 5758-5771.	0.4	237
16	Effect of the Secretory Small GTPase Rab27B on Breast Cancer Growth, Invasion, and Metastasis. <i>Journal of the National Cancer Institute</i> , 2010, 102, 866-880.	3.0	196
17	Confounding factors of ultrafiltration and protein analysis in extracellular vesicle research. <i>Scientific Reports</i> , 2017, 7, 2704.	1.6	181
18	Increased levels of systemic LPS-positive bacterial extracellular vesicles in patients with intestinal barrier dysfunction. <i>Gut</i> , 2020, 69, 191-193.	6.1	171

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19	Bone marrow-derived mesenchymal stem cells promote colorectal cancer progression through paracrine neuregulin 1/HER3 signalling. <i>Gut</i> , 2013, 62, 550-560.	6.1	155
20	Identification of Individual Exosome-Like Vesicles by Surface Enhanced Raman Spectroscopy. <i>Small</i> , 2016, 12, 3292-3301.	5.2	145
21	Exosomes Released from Breast Cancer Carcinomas Stimulate Cell Movement. <i>PLoS ONE</i> , 2015, 10, e0117495.	1.1	139
22	Analyzing bacterial extracellular vesicles in human body fluids by orthogonal biophysical separation and biochemical characterization. <i>Nature Protocols</i> , 2020, 15, 40-67.	5.5	130
23	Comparing exosome-like vesicles with liposomes for the functional cellular delivery of small RNAs. <i>Journal of Controlled Release</i> , 2016, 232, 51-61.	4.8	112
24	Carcinoma-associated fibroblasts provide operational flexibility in metastasis. <i>Seminars in Cancer Biology</i> , 2014, 25, 33-46.	4.3	111
25	Cancer-Associated Adipose Tissue Promotes Breast Cancer Progression by Paracrine Oncostatin M and Jak/STAT3 Signaling. <i>Cancer Research</i> , 2014, 74, 6806-6819.	0.4	105
26	Targets, pitfalls and reference materials for liquid biopsy tests in cancer diagnostics. <i>Molecular Aspects of Medicine</i> , 2020, 72, 100828.	2.7	104
27	Unravelling the proteomic landscape of extracellular vesicles in prostate cancer by density-based fractionation of urine. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1736935.	5.5	101
28	An Ex(o)citing Machinery for Invasive Tumor Growth. <i>Cancer Research</i> , 2010, 70, 9533-9537.	0.4	99
29	Crosstalk between the microbiome and cancer cells by quorum sensing peptides. <i>Peptides</i> , 2015, 64, 40-48.	1.2	98
30	The generation and use of recombinant extracellular vesicles as biological reference material. <i>Nature Communications</i> , 2019, 10, 3288.	5.8	96
31	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1647027.	5.5	96
32	Modeling and quantification of cancer cell invasion through collagen type I matrices. <i>International Journal of Developmental Biology</i> , 2010, 54, 887-896.	0.3	80
33	The Quorum Sensing Peptides PhrG, CSP and EDF Promote Angiogenesis and Invasion of Breast Cancer Cells In Vitro. <i>PLoS ONE</i> , 2015, 10, e0119471.	1.1	77
34	Exosome signaling in mammary gland development and cancer. <i>International Journal of Developmental Biology</i> , 2011, 55, 879-887.	0.3	72
35	Towards defining reference materials for measuring extracellular vesicle refractive index, epitope abundance, size and concentration. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1816641.	5.5	70
36	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1473707.	5.5	60

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37	On-chip light sheet illumination enables diagnostic size and concentration measurements of membrane vesicles in biofluids. <i>Nanoscale</i> , 2014, 6, 1741-1747.	2.8	53
38	Vacuolar H <sup>+</sup> ATPase expression and activity is required for Rab27B-dependent invasive growth and metastasis of breast cancer. <i>International Journal of Cancer</i> , 2013, 133, 843-854.	2.3	50
39	Urinary extracellular vesicle biomarkers in urological cancers: From discovery towards clinical implementation. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 99, 236-256.	1.2	48
40	Performance assessment of total RNA sequencing of human biofluids and extracellular vesicles. <i>Scientific Reports</i> , 2019, 9, 17574.	1.6	46
41	Isolation and Characterization of Functionally Active Extracellular Vesicles from Culture Medium Conditioned by Bovine Embryos In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 38.	1.8	44
42	Function of extracellular vesicle-associated miRNAs in metastasis. <i>Cell and Tissue Research</i> , 2016, 365, 621-641.	1.5	41
43	MISpheroid: a knowledgebase and transparency tool for minimum information in spheroid identity. <i>Nature Methods</i> , 2021, 18, 1294-1303.	9.0	38
44	Robust sequential biophysical fractionation of blood plasma to study variations in the biomolecular landscape of systemically circulating extracellular vesicles across clinical conditions. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12122.	5.5	37
45	The secretory small GTPase Rab27B as a marker for breast cancer progression. <i>Oncotarget</i> , 2010, 1, 304-308.	0.8	36
46	Rab27 GTPases Distribute Extracellular Nanomaps for Invasive Growth and Metastasis: Implications for Prognosis and Treatment. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9883-9892.	1.8	32
47	A supporting ecosystem to mature extracellular vesicles into clinical application. <i>EMBO Journal</i> , 2019, 38, .	3.5	32
48	Feasibility of Mechanical Extrusion to Coat Nanoparticles with Extracellular Vesicle Membranes. <i>Cells</i> , 2020, 9, 1797.	1.8	32
49	Importance of extracellular vesicle secretion at the blood-cerebrospinal fluid interface in the pathogenesis of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 143.	2.4	30
50	The secretory small GTPase Rab27B as a marker for breast cancer progression. <i>Oncotarget</i> , 2010, 1, 304-8.	0.8	29
51	Extracellular Vesicles from Follicular and Ampullary Fluid Isolated by Density Gradient Ultracentrifugation Improve Bovine Embryo Development and Quality. <i>International Journal of Molecular Sciences</i> , 2021, 22, 578.	1.8	26
52	The EVTRACK summary add-on: integration of experimental information in databases to ensure comprehensive interpretation of biological knowledge on extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1699367.	5.5	25
53	Is your article EVTRACKed?. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1379835.	5.5	24
54	The isolation of morphologically intact and biologically active extracellular vesicles from the secretome of cancer-associated adipose tissue. <i>Cell Adhesion and Migration</i> , 2017, 11, 196-204.	1.1	23

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55	Recombinant extracellular vesicles as biological reference material for method development, data normalization and assessment of (pre-)analytical variables. <i>Nature Protocols</i> , 2021, 16, 603-633.	5.5	23
56	Hatching is modulated by microRNA-378a-3p derived from extracellular vesicles secreted by blastocysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122708119.	3.3	23
57	A new glucocerebrosidase deficient neuronal cell model provides a tool to probe pathophysiology and therapeutics for Gaucher disease. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 769-78.	1.2	20
58	Preparation of Multi-omics Grade Extracellular Vesicles by Density-Based Fractionation of Urine. <i>STAR Protocols</i> , 2020, 1, 100073.	0.5	18
59	Systemically circulating bacterial extracellular vesicles: origin, fate, and function. <i>Trends in Microbiology</i> , 2022, 30, 213-216.	3.5	18
60	The nature of blood(y) extracellular vesicles. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 243-243.	16.1	16
61	The Separation and Characterization of Extracellular Vesicles from Medium Conditioned by Bovine Embryos. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2942.	1.8	14
62	Secretome analysis of breast cancer-associated adipose tissue to identify paracrine regulators of breast cancer growth. <i>Oncotarget</i> , 2017, 8, 47239-47249.	0.8	13
63	The tumor ecosystem regulates the roads for invasion and metastasis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2011, 35, 714-719.	0.7	12
64	FOâ€SPR biosensor calibrated with recombinant extracellular vesicles enables specific and sensitive detection directly in complex matrices. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12059.	5.5	10
65	An immunohistochemical analysis of Rab27B distribution in fetal and adult tissue. <i>International Journal of Developmental Biology</i> , 2012, 56, 363-368.	0.3	6
66	Feasibility study on pre or postoperative accelerated radiotherapy (POP-ART) in breast cancer patients. <i>Pilot and Feasibility Studies</i> , 2020, 6, 154.	0.5	4
67	Bone Marrow Stromal Cell-Derived Exosomes Facilitate Multiple Myeloma Cell Survival Through Inhibition Of The JNK Pathway. <i>Blood</i> , 2013, 122, 679-679.	0.6	0