

An Hendrix

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

21,375
citations

76294

40
h-index

102432

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 ⁺ 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 addition: 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 |