

David W Greening

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

9,765
citations

35
h-index

98
g-index

106
ext. papers

12,937
ext. citations

5.4
avg, IF

6.24
L-index

#	Paper	IF	Citations
94	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	16.4	3642
93	Comparison of ultracentrifugation, density gradient separation, and immunoaffinity capture methods for isolating human colon cancer cell line LIM1863-derived exosomes. <i>Methods</i> , 2012 , 56, 293-304	4.6	722
92	Extracellular vesicles in cancer - implications for future improvements in cancer care. <i>Nature Reviews Clinical Oncology</i> , 2018 , 15, 617-638	19.4	638
91	Extracellular vesicle isolation and characterization: toward clinical application. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1152-62	15.9	467
90	Exosomes and their roles in immune regulation and cancer. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 40, 72-81	7.5	378
89	A protocol for exosome isolation and characterization: evaluation of ultracentrifugation, density-gradient separation, and immunoaffinity capture methods. <i>Methods in Molecular Biology</i> , 2015 , 1295, 179-209	1.4	374
88	Two distinct populations of exosomes are released from LIM1863 colon carcinoma cell-derived organoids. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 587-98	7.6	287
87	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015 , 31, 933-9	7.2	256
86	Proteome profiling of exosomes derived from human primary and metastatic colorectal cancer cells reveal differential expression of key metastatic factors and signal transduction components. <i>Proteomics</i> , 2013 , 13, 1672-86	4.8	255
85	Highly-purified exosomes and shed microvesicles isolated from the human colon cancer cell line LIM1863 by sequential centrifugal ultrafiltration are biochemically and functionally distinct. <i>Methods</i> , 2015 , 87, 11-25	4.6	161
84	Emerging roles of exosomes during epithelial-mesenchymal transition and cancer progression. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 40, 60-71	7.5	148
83	Deep sequencing of RNA from three different extracellular vesicle (EV) subtypes released from the human LIM1863 colon cancer cell line uncovers distinct miRNA-enrichment signatures. <i>PLoS ONE</i> , 2014 , 9, e110314	3.7	146
82	Human Endometrial Exosomes Contain Hormone-Specific Cargo Modulating Trophoblast Adhesive Capacity: Insights into Endometrial-Embryo Interactions. <i>Biology of Reproduction</i> , 2016 , 94, 38	3.9	140
81	Oncogenic H-ras reprograms Madin-Darby canine kidney (MDCK) cell-derived exosomal proteins following epithelial-mesenchymal transition. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 2148-59	7.6	134
80	Proteomic insights into extracellular vesicle biology - defining exosomes and shed microvesicles. <i>Expert Review of Proteomics</i> , 2017 , 14, 69-95	4.2	89
79	Proteomics-driven cancer biomarker discovery: looking to the future. <i>Current Opinion in Chemical Biology</i> , 2008 , 12, 72-7	9.7	88
78	Understanding extracellular vesicle diversity - current status. <i>Expert Review of Proteomics</i> , 2018 , 15, 887-910	4.10	88

77	Extracellular Vesicles in Human Reproduction in Health and Disease. <i>Endocrine Reviews</i> , 2018 , 39, 292-332	37.2	85
76	A centrifugal ultrafiltration strategy for isolating the low-molecular weight (. <i>Journal of Proteomics</i> , 2010 , 73, 637-48	3.9	83
75	Secreted primary human malignant mesothelioma exosome signature reflects oncogenic cargo. <i>Scientific Reports</i> , 2016 , 6, 32643	4.9	68
74	Exosomes Derived from Human Primary and Metastatic Colorectal Cancer Cells Contribute to Functional Heterogeneity of Activated Fibroblasts by Reprogramming Their Proteome. <i>Proteomics</i> , 2019 , 19, e1800148	4.8	65
73	Extracellular vesicles: their role in cancer biology and epithelial-mesenchymal transition. <i>Biochemical Journal</i> , 2017 , 474, 21-45	3.8	63
72	Fat Therapeutics: The Clinical Capacity of Adipose-Derived Stem Cells and Exosomes for Human Disease and Tissue Regeneration. <i>Frontiers in Pharmacology</i> , 2020 , 11, 158	5.6	59
71	Transcriptome and long noncoding RNA sequencing of three extracellular vesicle subtypes released from the human colon cancer LIM1863 cell line. <i>Scientific Reports</i> , 2016 , 6, 38397	4.9	59
70	YBX1/YB-1 induces partial EMT and tumourigenicity through secretion of angiogenic factors into the extracellular microenvironment. <i>Oncotarget</i> , 2015 , 6, 13718-30	3.3	53
69	Podoplanin is a component of extracellular vesicles that reprograms cell-derived exosomal proteins and modulates lymphatic vessel formation. <i>Oncotarget</i> , 2016 , 7, 16070-89	3.3	51
68	A Protocol for Isolation and Proteomic Characterization of Distinct Extracellular Vesicle Subtypes by Sequential Centrifugal Ultrafiltration. <i>Methods in Molecular Biology</i> , 2017 , 1545, 91-116	1.4	48
67	Oncogenic epithelial cell-derived exosomes containing Rac1 and PAK2 induce angiogenesis in recipient endothelial cells. <i>Oncotarget</i> , 2016 , 7, 19709-22	3.3	48
66	Distinct shed microvesicle and exosome microRNA signatures reveal diagnostic markers for colorectal cancer. <i>PLoS ONE</i> , 2019 , 14, e0210003	3.7	48
65	The Human Amnion Epithelial Cell Secretome Decreases Hepatic Fibrosis in Mice with Chronic Liver Fibrosis. <i>Frontiers in Pharmacology</i> , 2017 , 8, 748	5.6	44
64	Extracellular Vesicles in the Intrauterine Environment: Challenges and Potential Functions. <i>Biology of Reproduction</i> , 2016 , 95, 109	3.9	43
63	Triton X-114 phase separation in the isolation and purification of mouse liver microsomal membrane proteins. <i>Methods</i> , 2011 , 54, 396-406	4.6	40
62	Intercellular Resistance to BRAF Inhibition Can Be Mediated by Extracellular Vesicle-Associated PDGFR α . <i>Neoplasia</i> , 2017 , 19, 932-940	6.4	36
61	Oncogenic and Non-Malignant Pancreatic Exosome Cargo Reveal Distinct Expression of Oncogenic and Prognostic Factors Involved in Tumor Invasion and Metastasis. <i>Proteomics</i> , 2019 , 19, e1800158	4.8	35
60	International blood collection and storage: clinical use of blood products. <i>Journal of Proteomics</i> , 2010 , 73, 386-95	3.9	35

59	Human Endometrial Extracellular Vesicles Functionally Prepare Human Trophectoderm Model for Implantation: Understanding Bidirectional Maternal-Embryo Communication. <i>Proteomics</i> , 2019 , 19, e1800423	4.8	34
58	Comparison of human platelet membrane-cytoskeletal proteins with the plasma proteome: Towards understanding the platelet-plasma nexus. <i>Proteomics - Clinical Applications</i> , 2008 , 2, 63-77	3.1	34
57	<i>Helicobacter pylori</i> Growth Stage Determines the Size, Protein Composition, and Preferential Cargo Packaging of Outer Membrane Vesicles. <i>Proteomics</i> , 2019 , 19, e1800209	4.8	33
56	Modulating the endometrial epithelial proteome and secretome in preparation for pregnancy: The role of ovarian steroid and pregnancy hormones. <i>Journal of Proteomics</i> , 2016 , 144, 99-112	3.9	30
55	Detection of cadherin-17 in human colon cancer LIM1215 cell secretome and tumour xenograft-derived interstitial fluid and plasma. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2372-9	4	30
54	-nitrosylation and -glutathionylation of Cys134 on troponin I have opposing competitive actions on Ca sensitivity in rat fast-twitch muscle fibers. <i>American Journal of Physiology - Cell Physiology</i> , 2017 , 312, C316-C327	5.4	29
53	Myoepithelial cell-specific expression of stefin A as a suppressor of early breast cancer invasion. <i>Journal of Pathology</i> , 2017 , 243, 496-509	9.4	29
52	Secretome-based proteomics reveals sulindac-modulated proteins released from colon cancer cells. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 433-51	3.1	29
51	Unique proteome signature of post-chemotherapy ovarian cancer ascites-derived tumor cells. <i>Scientific Reports</i> , 2016 , 6, 30061	4.9	28
50	Proteomic and Post-Translational Modification Profiling of Exosome-Mimetic Nanovesicles Compared to Exosomes. <i>Proteomics</i> , 2019 , 19, e1800161	4.8	27
49	Colon tumour secretome: insights into endogenous proteolytic cleavage events in the colon tumour microenvironment. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2396-407	4	26
48	Back Cover: <i>Helicobacter pylori</i> Growth Stage Determines the Size, Protein Composition, and Preferential Cargo Packaging of Outer Membrane Vesicles. <i>Proteomics</i> , 2019 , 19, 1970004	4.8	24
47	Sustained subcutaneous delivery of secretome of human cardiac stem cells promotes cardiac repair following myocardial infarction. <i>Cardiovascular Research</i> , 2021 , 117, 918-929	9.9	24
46	Surfaceome of Exosomes Secreted from the Colorectal Cancer Cell Line SW480: Peripheral and Integral Membrane Proteins Analyzed by Proteolysis and TX114. <i>Proteomics</i> , 2019 , 19, e1700453	4.8	21
45	Exosomes and soluble secretome from hormone-treated endometrial epithelial cells direct embryo implantation. <i>Molecular Human Reproduction</i> , 2020 , 26, 510-520	4.4	20
44	Somatic proteome of <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , 2019 , 49, 311-320	4.3	20
43	Transformed MDCK cells secrete elevated MMP1 that generates LAMA5 fragments promoting endothelial cell angiogenesis. <i>Scientific Reports</i> , 2016 , 6, 28321	4.9	19
42	Chronic methamphetamine interacts with BDNF Val66Met to remodel psychosis pathways in the mesocorticolimbic proteome. <i>Molecular Psychiatry</i> , 2021 , 26, 4431-4447	15.1	16

41	A protocol for the preparation of cryoprecipitate and cryodepleted plasma. <i>Methods in Molecular Biology</i> , 2011 , 728, 259-65	1.4	15
40	Post-translational and transcriptional dynamics - regulating \square extracellular vesicle biology. <i>Expert Review of Proteomics</i> , 2019 , 16, 17-31	4.2	14
39	A Protocol for Isolation, Purification, Characterization, and Functional Dissection of Exosomes. <i>Methods in Molecular Biology</i> , 2021 , 2261, 105-149	1.4	14
38	Knockdown of stem cell regulator Oct4A in ovarian cancer reveals cellular reprogramming associated with key regulators of cytoskeleton-extracellular matrix remodelling. <i>Scientific Reports</i> , 2017 , 7, 46312	4.9	13
37	Molecular prospecting for drugs from the sea. Isolating therapeutic peptides and proteins from cone snail venom. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2005 , 24, 79-84		13
36	Molecular profiling of cetuximab and bevacizumab treatment of colorectal tumours reveals perturbations in metabolic and hypoxic response pathways. <i>Oncotarget</i> , 2015 , 6, 38166-80	3.3	13
35	Proteomic profiling of human uterine extracellular vesicles reveal dynamic regulation of key players of embryo implantation and fertility during menstrual cycle. <i>Proteomics</i> , 2021 , 21, e2000211	4.8	13
34	Proteome characterisation of extracellular vesicles isolated from heart. <i>Proteomics</i> , 2021 , 21, e2100026	4.8	13
33	Sulindac modulates secreted protein expression from LIM1215 colon carcinoma cells prior to apoptosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2293-307	4	12
32	Development of Extracellular Vesicle Therapeutics: Challenges, Considerations, and Opportunities. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 734720	5.7	12
31	The Peptidome Comes of Age: Mass Spectrometry-Based Characterization of the Circulating Cancer Peptidome. <i>The Enzymes</i> , 2017 , 42, 27-64	2.3	11
30	Preparation of platelet concentrates. <i>Methods in Molecular Biology</i> , 2011 , 728, 267-78	1.4	11
29	Low-molecular weight plasma proteome analysis using centrifugal ultrafiltration. <i>Methods in Molecular Biology</i> , 2011 , 728, 109-24	1.4	11
28	Secreted midbody remnants are a class of extracellular vesicles molecularly distinct from exosomes and microparticles. <i>Communications Biology</i> , 2021 , 4, 400	6.7	11
27	Proteomic profiling reveals key cancer progression modulators in shed microvesicles released from isogenic human primary and metastatic colorectal cancer cell lines. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019 , 1867, 140171	4	11
26	Enrichment of human platelet membranes for proteomic analysis. <i>Methods in Molecular Biology</i> , 2009 , 528, 245-58	1.4	10
25	Exosomes Derived from the Human Primary Colorectal Cancer Cell Line SW480 Orchestrate Fibroblast-Led Cancer Invasion. <i>Proteomics</i> , 2020 , 20, e2000016	4.8	9
24	A Protocol for the Preparation of Cryoprecipitate and Cryo-depleted Plasma for Proteomic Studies. <i>Methods in Molecular Biology</i> , 2017 , 1619, 23-30	1.4	9

23	Proteomic Insights into Endometrial Receptivity and Embryo-Endometrial Epithelium Interaction for Implantation Reveal Critical Determinants of Fertility. <i>Proteomics</i> , 2020 , 20, e1900250	4.8	9
22	Preparation of Platelet Concentrates for Research and Transfusion Purposes. <i>Methods in Molecular Biology</i> , 2017 , 1619, 31-42	1.4	8
21	Proteomic dissection of large extracellular vesicle surfaceome unravels interactive surface platform. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12164	16.4	8
20	Characterization of the Low-Molecular-Weight Human Plasma Peptidome. <i>Methods in Molecular Biology</i> , 2017 , 1619, 63-79	1.4	7
19	Proteome reprogramming of endometrial epithelial cells by human trophoctodermal small extracellular vesicles reveals key insights into embryo implantation. <i>Proteomics</i> , 2021 , 21, e2000210	4.8	7
18	Schizophrenia is defined by cell-specific neuropathology and multiple neurodevelopmental mechanisms in patient-derived cerebral organoids. <i>Molecular Psychiatry</i> , 2021 ,	15.1	6
17	The proteomic architecture of schizophrenia iPSC-derived cerebral organoids reveals alterations in GWAS and neuronal development factors. <i>Translational Psychiatry</i> , 2021 , 11, 541	8.6	6
16	Human Plasma Extracellular Vesicle Isolation and Proteomic Characterization for the Optimization of Liquid Biopsy in Multiple Myeloma. <i>Methods in Molecular Biology</i> , 2021 , 2261, 151-191	1.4	6
15	Neurodevelopmental signatures of narcotic and neuropsychiatric risk factors in 3D human-derived forebrain organoids. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
14	Impact of chemically defined culture media formulations on extracellular vesicle production by amniotic epithelial cells. <i>Proteomics</i> , 2021 , 21, e2000080	4.8	5
13	Recent advances in bioanalytical methods to measure proteome stability in cells. <i>Analyst, The</i> , 2021 , 146, 2097-2109	5	5
12	Human myeloma cell- and plasma-derived extracellular vesicles contribute to functional regulation of stromal cells. <i>Proteomics</i> , 2021 , 21, e2000119	4.8	4
11	Cancer stem cell marker DCLK1 reprograms small extracellular vesicles toward migratory phenotype in gastric cancer cells. <i>Proteomics</i> , 2021 , 21, e2000098	4.8	4
10	Effect of 2D and 3D Culture Microenvironments on Mesenchymal Stem Cell-Derived Extracellular Vesicles Potencies.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 819726	5.7	4
9	Global protein profiling reveals anti-EGFR monoclonal antibody 806-modulated proteins in A431 tumor xenografts. <i>Growth Factors</i> , 2013 , 31, 154-64	1.6	3
8	The proteomes of endometrial stromal cell-derived extracellular vesicles following a decidualizing stimulus define the cellsVpotential for decidualization success. <i>Molecular Human Reproduction</i> , 2021 , 27,	4.4	3
7	Transglutaminase-2, RNA-binding proteins and mitochondrial proteins selectively traffic to MDCK cell-derived microvesicles following H-Ras-induced epithelial-mesenchymal transition. <i>Proteomics</i> , 2021 , 21, e2000221	4.8	2
6	Multiple Neurodevelopmental Mechanisms of Schizophrenia in Patient-Derived Cerebral Organoids. <i>Biological Psychiatry</i> , 2021 , 89, S100	7.9	2

5	Assessing the impact of gestational age of donors on the efficacy of amniotic epithelial cell-derived extracellular vesicles in experimental bronchopulmonary dysplasia.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 196	8.3	1
4	Analysis of Annotated and Unannotated Long Noncoding RNAs from Exosome Subtypes Using Next-Generation RNA Sequencing. <i>Methods in Molecular Biology</i> , 2021 , 2254, 195-218	1.4	0
3	Small extracellular vesicles (exosomes) and their cargo in pancreatic cancer: Key roles in the hallmarks of cancer.. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022 , 188728	11.2	0
2	Tophaceous gout in the pelvis. <i>Pathology</i> , 2015 , 47, 381-3	1.6	
1	Spontaneous generation of ASD astrocytes. <i>Molecular Psychiatry</i> , 2022 , 27, 2369-2369	15.1	