

# Cecilia Lsser

## List of Publications by Citations

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55  
papers

12,817  
citations

38  
h-index

56  
g-index

56  
ext. papers

16,852  
ext. citations

11.2  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
55	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> , <b>2018</b> , 7, 1535750	16.4	3642
54	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , <b>2015</b> , 4, 27066	16.4	2611
53	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. <i>Journal of Extracellular Vesicles</i> , <b>2013</b> , 2,	16.4	1409
52	Human saliva, plasma and breast milk exosomes contain RNA: uptake by macrophages. <i>Journal of Translational Medicine</i> , <b>2011</b> , 9, 9	8.5	593
51	Distinct RNA profiles in subpopulations of extracellular vesicles: apoptotic bodies, microvesicles and exosomes. <i>Journal of Extracellular Vesicles</i> , <b>2013</b> , 2,	16.4	582
50	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1286095	16.4	410
49	Isolation and characterization of RNA-containing exosomes. <i>Journal of Visualized Experiments</i> , <b>2012</b> , e30337	3.7	258
48	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , <b>2015</b> , 31, 933-9	7.2	256
47	Importance of exosome depletion protocols to eliminate functional and RNA-containing extracellular vesicles from fetal bovine serum. <i>Journal of Extracellular Vesicles</i> , <b>2014</b> , 3,	16.4	250
46	The influence of rotor type and centrifugation time on the yield and purity of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2014</b> , 3,	16.4	247
45	Detailed analysis of the plasma extracellular vesicle proteome after separation from lipoproteins. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 2873-2886	10.3	220
44	Stem Cell-Derived Exosomes as Nanotherapeutics for Autoimmune and Neurodegenerative Disorders. <i>ACS Nano</i> , <b>2019</b> , 13, 6670-6688	16.7	171
43	RNAi delivery by exosome-mimetic nanovesicles - Implications for targeting c-Myc in cancer. <i>Biomaterials</i> , <b>2016</b> , 102, 231-8	15.6	144
42	Exosomes purified from a single cell type have diverse morphology. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1329476	16.4	137
41	Small RNA deep sequencing discriminates subsets of extracellular vesicles released by melanoma cells--Evidence of unique microRNA cargos. <i>RNA Biology</i> , <b>2015</b> , 12, 810-23	4.8	117
40	Determination of exosome concentration in solution using surface plasmon resonance spectroscopy. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 5929-36	7.8	117
39	Enhancement of therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 288	8.3	106

38	Methods for the physical characterization and quantification of extracellular vesicles in biological samples. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 3164-3179	4	102
37	Exosomal RNA as biomarkers and the therapeutic potential of exosome vectors. <i>Expert Opinion on Biological Therapy</i> , <b>2012</b> , 12 Suppl 1, S189-97	5.4	96
36	Exosomes in diagnostic and therapeutic applications: biomarker, vaccine and RNA interference delivery vehicle. <i>Expert Opinion on Biological Therapy</i> , <b>2015</b> , 15, 103-17	5.4	88
35	Subpopulations of extracellular vesicles and their therapeutic potential. <i>Molecular Aspects of Medicine</i> , <b>2018</b> , 60, 1-14	16.7	85
34	Detailed Analysis of Protein Topology of Extracellular Vesicles-Evidence of Unconventional Membrane Protein Orientation. <i>Scientific Reports</i> , <b>2016</b> , 6, 36338	4.9	83
33	Two distinct extracellular RNA signatures released by a single cell type identified by microarray and next-generation sequencing. <i>RNA Biology</i> , <b>2017</b> , 14, 58-72	4.8	77
32	Exosomes in the nose induce immune cell trafficking and harbour an altered protein cargo in chronic airway inflammation. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 181	8.5	74
31	DNA analysis of low- and high-density fractions defines heterogeneous subpopulations of small extracellular vesicles based on their DNA cargo and topology. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1656993	16.4	69
30	Subpopulations of extracellular vesicles from human metastatic melanoma tissue identified by quantitative proteomics after optimized isolation. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1722433	16.4	68
29	BRAF inhibition alters the microRNA cargo in the vesicular secretome of malignant melanoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E5930-E5939	11.5	68
28	Endosomal signalling via exosome surface TGF $\beta$ 1. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1650458	16.4	65
27	MicroRNA in exosomes isolated directly from the liver circulation in patients with metastatic uveal melanoma. <i>BMC Cancer</i> , <b>2014</b> , 14, 962	4.8	65
26	RNA-containing exosomes in human nasal secretions. <i>American Journal of Rhinology and Allergy</i> , <b>2011</b> , 25, 89-93	2.4	62
25	Dual-Wavelength Surface Plasmon Resonance for Determining the Size and Concentration of Sub-Populations of Extracellular Vesicles. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 9980-9988	7.8	57
24	Mast cell exosomes promote lung adenocarcinoma cell proliferation - role of KIT-stem cell factor signaling. <i>Cell Communication and Signaling</i> , <b>2014</b> , 12, 64	7.5	53
23	Isolation and characterization of extracellular vesicle subpopulations from tissues. <i>Nature Protocols</i> , <b>2021</b> , 16, 1548-1580	18.8	51
22	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1647027	16.4	48
21	Identification and analysis of circulating exosomal microRNA in human body fluids. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1024, 109-28	1.4	48

20	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1473707	16.4	42
19	Mesenchymal stromal cell-derived nanovesicles ameliorate bacterial outer membrane vesicle-induced sepsis via IL-10. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 231	8.3	40
18	Toxoplasma gondii infection of fibroblasts causes the production of exosome-like vesicles containing a unique array of mRNA and miRNA transcripts compared to serum starvation. <i>Journal of Extracellular Vesicles</i> , <b>2013</b> , 2,	16.4	38
17	Mast cell exosomes promote lung adenocarcinoma cell proliferation & role of KIT-stem cell factor signaling. <i>Cell Communication and Signaling</i> , <b>2014</b> , 12, 64	7.5	30
16	Escherichia coli outer membrane vesicles can contribute to sepsis induced cardiac dysfunction. <i>Scientific Reports</i> , <b>2017</b> , 7, 17434	4.9	20
15	Isolation and characterization of microvesicles from mesenchymal stem cells. <i>Methods</i> , <b>2020</b> , 177, 50-57	4.6	15
14	Extracellular vesicles from mast cells induce mesenchymal transition in airway epithelial cells. <i>Respiratory Research</i> , <b>2020</b> , 21, 101	7.3	13
13	Human mast cells release extracellular vesicle-associated DNA.. <i>Matters</i> ,	0	13
12	Is the DNA of placental origin packaged in exosomes isolated from plasma and serum of pregnant women?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, e150-e153	5.9	11
11	Menopausal hormone therapy and women's health: An umbrella review. <i>PLoS Medicine</i> , <b>2021</b> , 18, e10037316	7.16	11
10	Mapping Extracellular RNA Sheds Lights on Distinct Carriers. <i>Cell</i> , <b>2019</b> , 177, 228-230	56.2	9
9	T2 and T17 cytokines alter the cargo and function of airway epithelium-derived extracellular vesicles. <i>Respiratory Research</i> , <b>2020</b> , 21, 155	7.3	9
8	Synthetic bacterial vesicles combined with tumour extracellular vesicles as cancer immunotherapy. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12120	16.4	5
7	Blood extracellular vesicles from healthy individuals regulate hematopoietic stem cells as humans age. <i>Aging Cell</i> , <b>2020</b> , 19, e13245	9.9	4
6	Characterization of surface markers on extracellular vesicles isolated from lymphatic exudate from patients with breast cancer.. <i>BMC Cancer</i> , <b>2022</b> , 22, 50	4.8	3
5	Tetraspanins distinguish separate extracellular vesicle subpopulations in human serum and plasma - Contributions of platelet extracellular vesicles in plasma samples.. <i>Journal of Extracellular Vesicles</i> , <b>2022</b> , 11, e12213	16.4	3
4	Regulation of mesenchymal stem cell function by TGFβ1 on mast cell extracellular vesicles & role of endosomal retention		2
3	Exosomes purified from a single cell type have diverse morphology and composition		2

2	The Role of Exosomal Shuttle RNA (esRNA) in Cell-to-Cell Communication <b>2013</b> , 33-45	1
1	Immune-Associated Proteins Are Enriched in Lung Tissue-Derived Extracellular Vesicles during Allergen-Induced Eosinophilic Airway Inflammation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6,3 1