

Cecilia LÃsser

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

20,374
citations

71097

41
h-index

175241

52
g-index

56
all docs

56
docs citations

56
times ranked

23356
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of surface markers on extracellular vesicles isolated from lymphatic exudate from patients with breast cancer. <i>BMC Cancer</i> , 2022, 22, 50.	2.6	42
2	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> , 2022, 11, e12213.	12.2	73
3	Isolation and characterization of extracellular vesicle subpopulations from tissues. <i>Nature Protocols</i> , 2021, 16, 1548-1580.	12.0	191
4	Immune-Associated Proteins Are Enriched in Lung Tissue-Derived Extracellular Vesicles during Allergen-Induced Eosinophilic Airway Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4718.	4.1	4
5	Synthetic bacterial vesicles combined with tumour extracellular vesicles as cancer immunotherapy. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12120.	12.2	55
6	Menopausal hormone therapy and women’s health: An umbrella review. <i>PLoS Medicine</i> , 2021, 18, e1003731.	8.4	74
7	Isolation and characterization of microvesicles from mesenchymal stem cells. <i>Methods</i> , 2020, 177, 50-57.	3.8	25
8	Blood extracellular vesicles from healthy individuals regulate hematopoietic stem cells as humans age. <i>Aging Cell</i> , 2020, 19, e13245.	6.7	12
9	Extracellular vesicles from mast cells induce mesenchymal transition in airway epithelial cells. <i>Respiratory Research</i> , 2020, 21, 101.	3.6	26
10	T2 and T17 cytokines alter the cargo and function of airway epithelium-derived extracellular vesicles. <i>Respiratory Research</i> , 2020, 21, 155.	3.6	13
11	Subpopulations of extracellular vesicles from human metastatic melanoma tissue identified by quantitative proteomics after optimized isolation. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1722433.	12.2	130
12	Mesenchymal stromal cell-derived nanovesicles ameliorate bacterial outer membrane vesicle-induced sepsis via IL-10. <i>Stem Cell Research and Therapy</i> , 2019, 10, 231.	5.5	83
13	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1647027.	12.2	96
14	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> , 2019, 8, 1656993.	12.2	126
15	Enhancement of therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Stem Cell Research and Therapy</i> , 2019, 10, 288.	5.5	169
16	Endosomal signalling via exosome surface TGF β 1. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1650458.	12.2	112
17	Stem Cell-Derived Exosomes as Nanotherapeutics for Autoimmune and Neurodegenerative Disorders. <i>ACS Nano</i> , 2019, 13, 6670-6688.	14.6	341
18	Mapping Extracellular RNA Sheds Lights on Distinct Carriers. <i>Cell</i> , 2019, 177, 228-230.	28.9	15

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19	Detailed analysis of the plasma extracellular vesicle proteome after separation from lipoproteins. Cellular and Molecular Life Sciences, 2018, 75, 2873-2886.	5.4	368
20	Subpopulations of extracellular vesicles and their therapeutic potential. Molecular Aspects of Medicine, 2018, 60, 1-14.	6.4	139
21	Is the DNA of placental origin packaged in exosomes isolated from plasma and serum of pregnant women?. Clinical Chemistry and Laboratory Medicine, 2018, 56, e150-e153.	2.3	12
22	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. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
23	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. Journal of Extracellular Vesicles, 2018, 7, 1473707.	12.2	60
24	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA – an ISEV position paper. Journal of Extracellular Vesicles, 2017, 6, 1286095.	12.2	561
25	Exosomes purified from a single cell type have diverse morphology. Journal of Extracellular Vesicles, 2017, 6, 1329476.	12.2	202
26	Escherichia coli outer membrane vesicles can contribute to sepsis induced cardiac dysfunction. Scientific Reports, 2017, 7, 17434.	3.3	44
27	BRAF ^{V600} inhibition alters the microRNA cargo in the vesicular secretome of malignant melanoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5930-E5939.	7.1	101
28	Two distinct extracellular RNA signatures released by a single cell type identified by microarray and next-generation sequencing. RNA Biology, 2017, 14, 58-72.	3.1	111
29	Methods for the physical characterization and quantification of extracellular vesicles in biological samples. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3164-3179.	2.4	138
30	The International Society for Extracellular Vesicles launches the first massive open online course on extracellular vesicles. Journal of Extracellular Vesicles, 2016, 5, 34299.	12.2	19
31	Dual-Wavelength Surface Plasmon Resonance for Determining the Size and Concentration of Sub-Populations of Extracellular Vesicles. Analytical Chemistry, 2016, 88, 9980-9988.	6.5	70
32	Detailed Analysis of Protein Topology of Extracellular Vesicles – Evidence of Unconventional Membrane Protein Orientation. Scientific Reports, 2016, 6, 36338.	3.3	118
33	RNAi delivery by exosome-mimetic nanovesicles – Implications for targeting c-Myc in cancer. Biomaterials, 2016, 102, 231-238.	11.4	188
34	Exosomes in the nose induce immune cell trafficking and harbour an altered protein cargo in chronic airway inflammation. Journal of Translational Medicine, 2016, 14, 181.	4.4	97
35	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	12.2	3,973
36	EVpedia: a community web portal for extracellular vesicles research. Bioinformatics, 2015, 31, 933-939.	4.1	317

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37	Small RNA deep sequencing discriminates subsets of extracellular vesicles released by melanoma cells â€“ Evidence of unique microRNA cargos. <i>RNA Biology</i> , 2015, 12, 810-823.	3.1	164
38	Exosomes in diagnostic and therapeutic applications: biomarker, vaccine and RNA interference delivery vehicle. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 103-117.	3.1	108
39	MicroRNA in exosomes isolated directly from the liver circulation in patients with metastatic uveal melanoma. <i>BMC Cancer</i> , 2014, 14, 962.	2.6	83
40	Mast cell exosomes promote lung adenocarcinoma cell proliferation â€“ role of KIT-stem cell factor signaling. <i>Cell Communication and Signaling</i> , 2014, 12, 64.	6.5	63
41	Determination of Exosome Concentration in Solution Using Surface Plasmon Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2014, 86, 5929-5936.	6.5	133
42	The influence of rotor type and centrifugation time on the yield and purity of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	12.2	343
43	Importance of exosome depletion protocols to eliminate functional and RNAâ€™containing extracellular vesicles from fetal bovine serum. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	12.2	353
44	Mast cell exosomes promote lung adenocarcinoma cell proliferation Â¿ role of KIT-stem cell factor signaling. <i>Cell Communication and Signaling</i> , 2014, 12, 64.	6.5	33
45	The Role of Exosomal Shuttle RNA (esRNA) in Cell-to-Cell Communication. , 2013, , 33-45.		2
46	Identification and Analysis of Circulating Exosomal microRNA in Human Body Fluids. <i>Methods in Molecular Biology</i> , 2013, 1024, 109-128.	0.9	58
47	Distinct RNA profiles in subpopulations of extracellular vesicles: apoptotic bodies, microvesicles and exosomes. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	12.2	774
48	<i>Toxoplasma gondii</i> infection of fibroblasts causes the production of exosomeâ€™like vesicles containing a unique array of mRNA and miRNA transcripts compared to serum starvation. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	12.2	64
49	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	12.2	1,837
50	Exosomal RNA as biomarkers and the therapeutic potential of exosome vectors. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, S189-S197.	3.1	108
51	Isolation and Characterization of RNA-Containing Exosomes. <i>Journal of Visualized Experiments</i> , 2012, , e3037.	0.3	329
52	RNA-containing Exosomes in Human Nasal Secretions. <i>American Journal of Rhinology and Allergy</i> , 2011, 25, 89-93.	2.0	79
53	Human saliva, plasma and breast milk exosomes contain RNA: uptake by macrophages. <i>Journal of Translational Medicine</i> , 2011, 9, 9.	4.4	757
54	Human mast cells release extracellular vesicle-associated DNA.. <i>Matters</i> , 0, , .	1.0	15