

Johan Skog

List of Publications by Citations

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Version: 2024-04-20

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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.

57
papers

14,081
citations

36
h-index

59
g-index

59
ext. papers

16,376
ext. citations

8.2
avg, IF

5.96
L-index

#	Paper	IF	Citations
57	Glioblastoma microvesicles transport RNA and proteins that promote tumour growth and provide diagnostic biomarkers. <i>Nature Cell Biology</i> , 2008 , 10, 1470-6	23.4	3575
56	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. <i>Nature Medicine</i> , 2012 , 18, 883-91	50.5	2530
55	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. <i>Journal of Extracellular Vesicles</i> , 2013 , 2,	16.4	1409
54	Tumour microvesicles contain retrotransposon elements and amplified oncogene sequences. <i>Nature Communications</i> , 2011 , 2, 180	17.4	765
53	Prostate cancer-derived urine exosomes: a novel approach to biomarkers for prostate cancer. <i>British Journal of Cancer</i> , 2009 , 100, 1603-7	8.7	561
52	Microfluidic isolation and transcriptome analysis of serum microvesicles. <i>Lab on A Chip</i> , 2010 , 10, 505-11	7.2	377
51	miR-296 regulates growth factor receptor overexpression in angiogenic endothelial cells. <i>Cancer Cell</i> , 2008 , 14, 382-93	24.3	375
50	Current methods for the isolation of extracellular vesicles. <i>Biological Chemistry</i> , 2013 , 394, 1253-62	4.5	367
49	A Novel Urine Exosome Gene Expression Assay to Predict High-grade Prostate Cancer at Initial Biopsy. <i>JAMA Oncology</i> , 2016 , 2, 882-9	13.4	325
48	Nucleic acids within urinary exosomes/microvesicles are potential biomarkers for renal disease. <i>Kidney International</i> , 2010 , 78, 191-9	9.9	291
47	BEAMing and Droplet Digital PCR Analysis of Mutant IDH1 mRNA in Glioma Patient Serum and Cerebrospinal Fluid Extracellular Vesicles. <i>Molecular Therapy - Nucleic Acids</i> , 2013 , 2, e109	10.7	230
46	Blood platelets contain tumor-derived RNA biomarkers. <i>Blood</i> , 2011 , 118, 3680-3	2.2	212
45	Characterization of RNA from Exosomes and Other Extracellular Vesicles Isolated by a Novel Spin Column-Based Method. <i>PLoS ONE</i> , 2015 , 10, e0136133	3.7	211
44	MiR-21 in the extracellular vesicles (EVs) of cerebrospinal fluid (CSF): a platform for glioblastoma biomarker development. <i>PLoS ONE</i> , 2013 , 8, e78115	3.7	206
43	Directly visualized glioblastoma-derived extracellular vesicles transfer RNA to microglia/macrophages in the brain. <i>Neuro-Oncology</i> , 2016 , 18, 58-69	1	192
42	Microvesicle-associated AAV vector as a novel gene delivery system. <i>Molecular Therapy</i> , 2012 , 20, 960-71	11.7	188
41	Impact of biofluid viscosity on size and sedimentation efficiency of the isolated microvesicles. <i>Frontiers in Physiology</i> , 2012 , 3, 162	4.6	163

40	RNA expression patterns in serum microvesicles from patients with glioblastoma multiforme and controls. <i>BMC Cancer</i> , 2012 , 12, 22	4.8	149
39	Heparin blocks transfer of extracellular vesicles between donor and recipient cells. <i>Journal of Neuro-Oncology</i> , 2013 , 115, 343-51	4.8	122
38	Detection of wild-type EGFR amplification and EGFRvIII mutation in CSF-derived extracellular vesicles of glioblastoma patients. <i>Neuro-Oncology</i> , 2017 , 19, 1494-1502	1	115
37	Heparin affinity purification of extracellular vesicles. <i>Scientific Reports</i> , 2015 , 5, 10266	4.9	113
36	Improved EGFR mutation detection using combined exosomal RNA and circulating tumor DNA in NSCLC patient plasma. <i>Annals of Oncology</i> , 2018 , 29, 700-706	10.3	108
35	A Prospective Adaptive Utility Trial to Validate Performance of a Novel Urine Exosome Gene Expression Assay to Predict High-grade Prostate Cancer in Patients with Prostate-specific Antigen 2-10ng/ml at Initial Biopsy. <i>European Urology</i> , 2018 , 74, 731-738	10.2	107
34	Exosome-Based Detection of T790M in Plasma from Non-Small Cell Lung Cancer Patients. <i>Clinical Cancer Research</i> , 2018 , 24, 2944-2950	12.9	105
33	Exosome-based liquid biopsies in cancer: opportunities and challenges. <i>Annals of Oncology</i> , 2021 , 32, 466-477	10.3	105
32	Alternative methods for characterization of extracellular vesicles. <i>Frontiers in Physiology</i> , 2012 , 3, 354	4.6	104
31	A molecular signature of PCA3 and ERG exosomal RNA from non-DRE urine is predictive of initial prostate biopsy result. <i>Prostate Cancer and Prostatic Diseases</i> , 2015 , 18, 370-5	6.2	99
30	Emerging technologies in extracellular vesicle-based molecular diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 307-21	3.8	98
29	In Vivo Effects of Mesenchymal Stromal Cells in Two Patients With Severe Acute Respiratory Distress Syndrome. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 1199-213	6.9	90
28	Liquid Biopsies Using Plasma Exosomal Nucleic Acids and Plasma Cell-Free DNA Compared with Clinical Outcomes of Patients with Advanced Cancers. <i>Clinical Cancer Research</i> , 2018 , 24, 181-188	12.9	89
27	Brain tumor microvesicles: insights into intercellular communication in the nervous system. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 949-59	4.6	86
26	OMRT-2. Liquid biopsy for patient stratification and monitoring of dacomitinib clinical trial in patients with EGFR amplified recurrent glioblastoma. <i>Neuro-Oncology Advances</i> , 2021 , 3, ii7-ii7	0.9	78
25	Use of extracellular vesicles from lymphatic drainage as surrogate markers of melanoma progression and mutation. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1061-1070	16.6	67
24	Clinical utility of the exosome based ExoDx Prostate(IntelliScore) EPI test in men presenting for initial Biopsy with a PSA 2-10 ng/mL. <i>Prostate Cancer and Prostatic Diseases</i> , 2020 , 23, 607-614	6.2	49
23	Adenoviruses use lactoferrin as a bridge for CAR-independent binding to and infection of epithelial cells. <i>Journal of Virology</i> , 2007 , 81, 954-63	6.6	49

22	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 26533	16.4	45
21	Comparative analysis of the genome organization of human adenovirus 11, a member of the human adenovirus species B, and the commonly used human adenovirus 5 vector, a member of species C. <i>Journal of General Virology</i> , 2003 , 84, 2061-2071	4.9	36
20	Exosomal RNA-profiling of pleural effusions identifies adenocarcinoma patients through elevated miR-200 and LCN2 expression. <i>Lung Cancer</i> , 2018 , 124, 45-52	5.9	32
19	Adenoviruses 16 and CV23 efficiently transduce human low-passage brain tumor and cancer stem cells. <i>Molecular Therapy</i> , 2007 , 15, 2140-5	11.7	28
18	Exosome-based detection of activating and resistance mutations from plasma of non-small cell lung cancer patients. <i>Oncotarget</i> , 2019 , 10, 2911-2920	3.3	26
17	Plasmonic Sensors for Extracellular Vesicle Analysis: From Scientific Development to Translational Research. <i>ACS Nano</i> , 2020 , 14, 14528-14548	16.7	25
16	Analysis of AKT and ERK1/2 protein kinases in extracellular vesicles isolated from blood of patients with cancer. <i>Journal of Extracellular Vesicles</i> , 2014 , 3, 25657	16.4	24
15	Efficient internalization into low-passage glioma cell lines using adenoviruses other than type 5: an approach for improvement of gene delivery to brain tumours. <i>Journal of General Virology</i> , 2004 , 85, 2627-2638 ¹⁴	4.9	14
14	Extracellular vesicles from plasma have higher tumour RNA fraction than platelets. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1741176	16.4	13
13	Human adenovirus serotypes 4p and 11p are efficiently expressed in cell lines of neural tumour origin. <i>Journal of General Virology</i> , 2002 , 83, 1299-1309	4.9	13
12	Discovery and Validation of a Urinary Exosome mRNA Signature for the Diagnosis of Human Kidney Transplant Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	13
11	Inflammatory gene expression signatures in idiopathic intracranial hypertension: possible implications in microgravity-induced ICP elevation. <i>Npj Microgravity</i> , 2018 , 4, 1	5.3	12
10	Extracellular vesicles as enhancers of virus vector-mediated gene delivery. <i>Human Gene Therapy</i> , 2014 , 25, 785-6	4.8	12
9	Glioma-specific antigens for immune tumor therapy. <i>Expert Review of Vaccines</i> , 2006 , 5, 793-802	5.2	11
8	A urine-based Exosomal gene expression test stratifies risk of high-grade prostate Cancer in men with prior negative prostate biopsy undergoing repeat biopsy. <i>BMC Urology</i> , 2020 , 20, 138	2.2	11
7	Exploring Predictors of Response to Dacomitinib in -Amplified Recurrent Glioblastoma. <i>JCO Precision Oncology</i> , 2020 , 4,	3.6	9
6	Predicting high-grade prostate cancer at initial biopsy: clinical performance of the ExoDx (EPI) Prostate Intelliscore test in three independent prospective studies. <i>Prostate Cancer and Prostatic Diseases</i> , 2021 ,	6.2	9
5	Exosome/microvesicle content is altered in leucine-rich repeat kinase 2 mutant induced pluripotent stem cell-derived neural cells. <i>Journal of Comparative Neurology</i> , 2020 , 528, 1203-1215	3.4	6

4	Short Course in Extracellular Vesicles – The Transition from Tissue to Liquid Biopsies. <i>Journal of Circulating Biomarkers</i> , 2014 , 3, 8	3.3	2
3	Pre-diagnosis urine exosomal RNA (ExoDx EPI score) is associated with post-prostatectomy pathology outcome.. <i>World Journal of Urology</i> , 2022 , 1	4	1
2	Detection of Human c-Myc and EGFR Amplifications in Circulating Extracellular Vesicles in Mouse Tumour Models. <i>Journal of Circulating Biomarkers</i> , 2014 , 3, 6	3.3	1
1	Validation of a CE-IVD, urine exosomal RNA expression assay for risk assessment of prostate cancer prior to biopsy.. <i>Scientific Reports</i> , 2022 , 12, 4777	4.9	1