Johan Skog

List of Publications by Year in Descending Order

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	Pre-diagnosis urine exosomal RNA (ExoDx EPI score) is associated with post-prostatectomy pathology outcome.. *World Journal of Urology*, **2022**, 1	4	1
56	Validation of a CE-IVD, urine exosomal RNA expression assay for risk assessment of prostate cancer prior to biopsy.. *Scientific Reports*, **2022**, 12, 4777	4.9	1
55	Discovery and Validation of a Urinary Exosome mRNA Signature for the Diagnosis of Human Kidney Transplant Rejection. *Journal of the American Society of Nephrology: JASN*, **2021**,	12.7	13
54	Exosome-based liquid biopsies in cancer: opportunities and challenges. *Annals of Oncology*, **2021**, 32, 466-477	10.3	105
53	OMRT-2. Liquid biopsy for patient stratification and monitoring of dacomitinib clinical trial in patients with EGFR amplified recurrent glioblastoma. *Neuro-Oncology Advances*, **2021**, 3, ii7-ii7	0.9	78
52	Predicting high-grade prostate cancer at initial biopsy: clinical performance of the ExoDx (EPI) Prostate Intelliscore test in three independent prospective studies. *Prostate Cancer and Prostatic Diseases*, **2021**,	6.2	9
51	Clinical utility of the exosome based ExoDx Prostate(IntelliScore) EPI test in men presenting for initial Biopsy with a PSA 2-10 ng/mL. *Prostate Cancer and Prostatic Diseases*, **2020**, 23, 607-614	6.2	49
50	Exploring Predictors of Response to Dacomitinib in -Amplified Recurrent Glioblastoma. *JCO Precision Oncology*, **2020**, 4,	3.6	9
49	Extracellular vesicles from plasma have higher tumour RNA fraction than platelets. *Journal of Extracellular Vesicles*, **2020**, 9, 1741176	16.4	13
48	Exosome/microvesicle content is altered in leucine-rich repeat kinase 2 mutant induced pluripotent stem cell-derived neural cells. *Journal of Comparative Neurology*, **2020**, 528, 1203-1215	3.4	6
47	Plasmonic Sensors for Extracellular Vesicle Analysis: From Scientific Development to Translational Research. *ACS Nano*, **2020**, 14, 14528-14548	16.7	25
46	A urine-based Exosomal gene expression test stratifies risk of high-grade prostate Cancer in men with prior negative prostate biopsy undergoing repeat biopsy. *BMC Urology*, **2020**, 20, 138	2.2	11
45	Use of extracellular vesicles from lymphatic drainage as surrogate markers of melanoma progression and mutation. *Journal of Experimental Medicine*, **2019**, 216, 1061-1070	16.6	67
44	Exosome-based detection of activating and resistance mutations from plasma of non-small cell lung cancer patients. *Oncotarget*, **2019**, 10, 2911-2920	3.3	26
43	Inflammatory gene expression signatures in idiopathic intracranial hypertension: possible implications in microgravity-induced ICP elevation. *Npj Microgravity*, **2018**, 4, 1	5.3	12
42	Improved EGFR mutation detection using combined exosomal RNA and circulating tumor DNA in NSCLC patient plasma. *Annals of Oncology*, **2018**, 29, 700-706	10.3	108
41	Exosome-Based Detection of T790M in Plasma from Non-Small Cell Lung Cancer Patients. *Clinical Cancer Research*, **2018**, 24, 2944-2950	12.9	105

40	Liquid Biopsies Using Plasma Exosomal Nucleic Acids and Plasma Cell-Free DNA Compared with Clinical Outcomes of Patients with Advanced Cancers. *Clinical Cancer Research*, **2018**, 24, 181-188	12.9	89
39	Exosomal RNA-profiling of pleural effusions identifies adenocarcinoma patients through elevated miR-200 and LCN2 expression. *Lung Cancer*, **2018**, 124, 45-52	5.9	32
38	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. *European Urology*, **2018**, 74, 731-738	10.2	107
37	Detection of wild-type EGFR amplification and EGFRvIII mutation in CSF-derived extracellular vesicles of glioblastoma patients. *Neuro-Oncology*, **2017**, 19, 1494-1502	1	115
36	Directly visualized glioblastoma-derived extracellular vesicles transfer RNA to microglia/macrophages in the brain. *Neuro-Oncology*, **2016**, 18, 58-69	1	192
35	A Novel Urine Exosome Gene Expression Assay to Predict High-grade Prostate Cancer at Initial Biopsy. *JAMA Oncology*, **2016**, 2, 882-9	13.4	325
34	A molecular signature of PCA3 and ERG exosomal RNA from non-DRE urine is predictive of initial prostate biopsy result. *Prostate Cancer and Prostatic Diseases*, **2015**, 18, 370-5	6.2	99
33	In Vivo Effects of Mesenchymal Stromal Cells in Two Patients With Severe Acute Respiratory Distress Syndrome. *Stem Cells Translational Medicine*, **2015**, 4, 1199-213	6.9	90
32	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. *Journal of Extracellular Vesicles*, **2015**, 4, 26533	16.4	45
31	Characterization of RNA from Exosomes and Other Extracellular Vesicles Isolated by a Novel Spin Column-Based Method. *PLoS ONE*, **2015**, 10, e0136133	3.7	211
30	Heparin affinity purification of extracellular vesicles. *Scientific Reports*, **2015**, 5, 10266	4.9	113
29	Emerging technologies in extracellular vesicle-based molecular diagnostics. *Expert Review of Molecular Diagnostics*, **2014**, 14, 307-21	3.8	98
28	Extracellular vesicles as enhancers of virus vector-mediated gene delivery. *Human Gene Therapy*, **2014**, 25, 785-6	4.8	12
27	Analysis of AKT and ERK1/2 protein kinases in extracellular vesicles isolated from blood of patients with cancer. *Journal of Extracellular Vesicles*, **2014**, 3, 25657	16.4	24
26	Short Course in Extracellular Vesicles The Transition from Tissue to Liquid Biopsies. *Journal of Circulating Biomarkers*, **2014**, 3, 8	3.3	2
25	Detection of Human c-Myc and EGFR Amplifications in Circulating Extracellular Vesicles in Mouse Tumour Models. *Journal of Circulating Biomarkers*, **2014**, 3, 6	3.3	1
24	Current methods for the isolation of extracellular vesicles. *Biological Chemistry*, **2013**, 394, 1253-62	4.5	367
23	Heparin blocks transfer of extracellular vesicles between donor and recipient cells. *Journal of Neuro-Oncology*, **2013**, 115, 343-51	4.8	122

22	MiR-21 in the extracellular vesicles (EVs) of cerebrospinal fluid (CSF): a platform for glioblastoma biomarker development. *PLoS ONE*, **2013**, 8, e78115	3.7	206
21	BEAMing and Droplet Digital PCR Analysis of Mutant IDH1 mRNA in Glioma Patient Serum and Cerebrospinal Fluid Extracellular Vesicles. *Molecular Therapy - Nucleic Acids*, **2013**, 2, e109	10.7	230
20	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. *Journal of Extracellular Vesicles*, **2013**, 2,	16.4	1409
19	RNA expression patterns in serum microvesicles from patients with glioblastoma multiforme and controls. *BMC Cancer*, **2012**, 12, 22	4.8	149
18	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. *Nature Medicine*, **2012**, 18, 883-91	50.5	2530
17	Microvesicle-associated AAV vector as a novel gene delivery system. *Molecular Therapy*, **2012**, 20, 960-71	11.7	188
16	Impact of biofluid viscosity on size and sedimentation efficiency of the isolated microvesicles. *Frontiers in Physiology*, **2012**, 3, 162	4.6	163
15	Alternative methods for characterization of extracellular vesicles. *Frontiers in Physiology*, **2012**, 3, 354	4.6	104
14	Tumour microvesicles contain retrotransposon elements and amplified oncogene sequences. *Nature Communications*, **2011**, 2, 180	17.4	765
13	Blood platelets contain tumor-derived RNA biomarkers. *Blood*, **2011**, 118, 3680-3	2.2	212
12	Brain tumor microvesicles: insights into intercellular communication in the nervous system. *Cellular and Molecular Neurobiology*, **2011**, 31, 949-59	4.6	86
11	Microfluidic isolation and transcriptome analysis of serum microvesicles. *Lab on A Chip*, **2010**, 10, 505-11	7.2	377
10	Nucleic acids within urinary exosomes/microvesicles are potential biomarkers for renal disease. *Kidney International*, **2010**, 78, 191-9	9.9	291
9	Prostate cancer-derived urine exosomes: a novel approach to biomarkers for prostate cancer. *British Journal of Cancer*, **2009**, 100, 1603-7	8.7	561
8	Glioblastoma microvesicles transport RNA and proteins that promote tumour growth and provide diagnostic biomarkers. *Nature Cell Biology*, **2008**, 10, 1470-6	23.4	3575
7	miR-296 regulates growth factor receptor overexpression in angiogenic endothelial cells. *Cancer Cell*, **2008**, 14, 382-93	24.3	375
6	Adenoviruses 16 and CV23 efficiently transduce human low-passage brain tumor and cancer stem cells. *Molecular Therapy*, **2007**, 15, 2140-5	11.7	28
5	Adenoviruses use lactoferrin as a bridge for CAR-independent binding to and infection of epithelial cells. *Journal of Virology*, **2007**, 81, 954-63	6.6	49

4	Glioma-specific antigens for immune tumor therapy. *Expert Review of Vaccines*, **2006**, 5, 793-802	5.2	11
3	Efficient internalization into low-passage glioma cell lines using adenoviruses other than type 5: an approach for improvement of gene delivery to brain tumours. *Journal of General Virology*, **2004**, 85, 2627-2638	4.9	14
2	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. *Journal of General Virology*, **2003**, 84, 2061-2071	4.9	36
1	Human adenovirus serotypes 4p and 11p are efficiently expressed in cell lines of neural tumour origin. *Journal of General Virology*, **2002**, 83, 1299-1309	4.9	13