

Johan Skog

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

18,083
citations

87888

38
h-index

138484

58
g-index

59
all docs

59
docs citations

59
times ranked

21763
citing authors

#	ARTICLE	IF	CITATIONS
1	Glioblastoma microvesicles transport RNA and proteins that promote tumour growth and provide diagnostic biomarkers. <i>Nature Cell Biology</i> , 2008, 10, 1470-1476.	10.3	4,285
2	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. <i>Nature Medicine</i> , 2012, 18, 883-891.	30.7	3,098
3	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	12.2	1,837
4	Tumour microvesicles contain retrotransposon elements and amplified oncogene sequences. <i>Nature Communications</i> , 2011, 2, 180.	12.8	974
5	Prostate cancer-derived urine exosomes: a novel approach to biomarkers for prostate cancer. <i>British Journal of Cancer</i> , 2009, 100, 1603-1607.	6.4	661
6	Current methods for the isolation of extracellular vesicles. <i>Biological Chemistry</i> , 2013, 394, 1253-1262.	2.5	481
7	Microfluidic isolation and transcriptome analysis of serum microvesicles. <i>Lab on A Chip</i> , 2010, 10, 505-511.	6.0	462
8	A Novel Urine Exosome Gene Expression Assay to Predict High-grade Prostate Cancer at Initial Biopsy. <i>JAMA Oncology</i> , 2016, 2, 882.	7.1	458
9	miR-296 Regulates Growth Factor Receptor Overexpression in Angiogenic Endothelial Cells. <i>Cancer Cell</i> , 2008, 14, 382-393.	16.8	441
10	Exosome-based liquid biopsies in cancer: opportunities and challenges. <i>Annals of Oncology</i> , 2021, 32, 466-477.	1.2	405
11	Nucleic acids within urinary exosomes/microvesicles are potential biomarkers for renal disease. <i>Kidney International</i> , 2010, 78, 191-199.	5.2	361
12	Blood platelets contain tumor-derived RNA biomarkers. <i>Blood</i> , 2011, 118, 3680-3683.	1.4	301
13	Characterization of RNA from Exosomes and Other Extracellular Vesicles Isolated by a Novel Spin Column-Based Method. <i>PLoS ONE</i> , 2015, 10, e0136133.	2.5	300
14	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.	5.1	284
15	miR-21 in the Extracellular Vesicles (EVs) of Cerebrospinal Fluid (CSF): A Platform for Glioblastoma Biomarker Development. <i>PLoS ONE</i> , 2013, 8, e78115.	2.5	270
16	Directly visualized glioblastoma-derived extracellular vesicles transfer RNA to microglia/macrophages in the brain. <i>Neuro-Oncology</i> , 2016, 18, 58-69.	1.2	245
17	Microvesicle-associated AAV Vector as a Novel Gene Delivery System. <i>Molecular Therapy</i> , 2012, 20, 960-971.	8.2	236
18	Impact of Biofluid Viscosity on Size and Sedimentation Efficiency of the Isolated Microvesicles. <i>Frontiers in Physiology</i> , 2012, 3, 162.	2.8	195

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19	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.	1.2	187
20	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 ≥ 10 ng/ml at Initial Biopsy. <i>European Urology</i> , 2018, 74, 731-738.	1.9	186
21	RNA expression patterns in serum microvesicles from patients with glioblastoma multiforme and controls. <i>BMC Cancer</i> , 2012, 12, 22.	2.6	176
22	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.	1.2	168
23	Exosome-Based Detection of <i>EGFR</i> T790M in Plasma from Non-Small Cell Lung Cancer Patients. <i>Clinical Cancer Research</i> , 2018, 24, 2944-2950.	7.0	157
24	Heparin blocks transfer of extracellular vesicles between donor and recipient cells. <i>Journal of Neuro-Oncology</i> , 2013, 115, 343-351.	2.9	156
25	Heparin affinity purification of extracellular vesicles. <i>Scientific Reports</i> , 2015, 5, 10266.	3.3	152
26	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, 370-375.	3.9	138
27	In Vivo Effects of Mesenchymal Stromal Cells in Two Patients With Severe Acute Respiratory Distress Syndrome. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1199-1213.	3.3	131
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.	7.0	127
29	Alternative Methods for Characterization of Extracellular Vesicles. <i>Frontiers in Physiology</i> , 2012, 3, 354.	2.8	123
30	Emerging technologies in extracellular vesicle-based molecular diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 307-321.	3.1	118
31	Use of extracellular vesicles from lymphatic drainage as surrogate markers of melanoma progression and <i>BRAF</i> <i>V600E</i> mutation. <i>Journal of Experimental Medicine</i> , 2019, 216, 1061-1070.	8.5	99
32	Clinical utility of the exosome based ExoDx Prostate(IntelliScore) EPI test in men presenting for initial Biopsy with a PSA ≥ 10 ng/mL. <i>Prostate Cancer and Prostatic Diseases</i> , 2020, 23, 607-614.	3.9	97
33	Brain Tumor Microvesicles: Insights into Intercellular Communication in the Nervous System. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 949-959.	3.3	93
34	Plasmonic Sensors for Extracellular Vesicle Analysis: From Scientific Development to Translational Research. <i>ACS Nano</i> , 2020, 14, 14528-14548.	14.6	69
35	Adenoviruses Use Lactoferrin as a Bridge for CAR-Independent Binding to and Infection of Epithelial Cells. <i>Journal of Virology</i> , 2007, 81, 954-963.	3.4	57
36	Exosomal RNA-profiling of pleural effusions identifies adenocarcinoma patients through elevated miR-200 and LCN2 expression. <i>Lung Cancer</i> , 2018, 124, 45-52.	2.0	53

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37	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.	12.2	51
38	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, 32, 994-1004.	6.1	44
39	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.	2.9	41
40	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> , 2022, 25, 296-301.	3.9	40
41	Exosome-based detection of activating and resistance <i>EGFR</i> mutations from plasma of non-small cell lung cancer patients. <i>Oncotarget</i> , 2019, 10, 2911-2920.	1.8	35
42	Adenoviruses 16 and CV23 Efficiently Transduce Human Low-passage Brain Tumor and Cancer Stem Cells. <i>Molecular Therapy</i> , 2007, 15, 2140-2145.	8.2	29
43	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.	12.2	29
44	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.	1.4	29
45	Extracellular vesicles from plasma have higher tumour RNA fraction than platelets. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1741176.	12.2	23
46	Exploring Predictors of Response to Dacomitinib in <i>EGFR</i> -Amplified Recurrent Glioblastoma. <i>JCO Precision Oncology</i> , 2020, 4, 593-613.	3.0	21
47	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.	2.9	19
48	Pre-diagnosis urine exosomal RNA (ExoDx EPI score) is associated with post-prostatectomy pathology outcome. <i>World Journal of Urology</i> , 2022, 40, 983-989.	2.2	18
49	Inflammatory gene expression signatures in idiopathic intracranial hypertension: possible implications in microgravity-induced ICP elevation. <i>Npj Microgravity</i> , 2018, 4, 1.	3.7	17
50	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.	2.9	15
51	Extracellular Vesicles as Enhancers of Virus Vector-Mediated Gene Delivery. <i>Human Gene Therapy</i> , 2014, 25, 785-786.	2.7	13
52	Glioma-specific antigens for immune tumor therapy. <i>Expert Review of Vaccines</i> , 2006, 5, 793-802.	4.4	12
53	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.	1.6	11
54	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.	3.3	10

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55	Short Course in Extracellular Vesicles – The Transition from Tissue to Liquid Biopsies. Journal of Circulating Biomarkers, 2014, 3, 8.	1.3	2
56	Detection of Human <i>c-Myc</i> and <i>EGFR</i> Amplifications in Circulating Extracellular Vesicles in Mouse Tumour Models. Journal of Circulating Biomarkers, 2014, 3, 6.	1.3	1
57	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.	0.7	0