

Dominik Buschmann

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

8,591
citations

623734

14
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

13572
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2018, 7, 1535750.	12.2	6,961
2	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. <i>Nature Methods</i> , 2017, 14, 228-232.	19.0	886
3	Evaluation of serum extracellular vesicle isolation methods for profiling miRNAs by next-generation sequencing. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1481321.	12.2	177
4	Toward reliable biomarker signatures in the age of liquid biopsies - how to standardize the small RNA-Seq workflow. <i>Nucleic Acids Research</i> , 2016, 44, 5995-6018.	14.5	97
5	Cellular and extracellular miRNAs are blood compartment-specific diagnostic targets in sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2403-2411.	3.6	84
6	Separation, characterization, and standardization of extracellular vesicles for drug delivery applications. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 348-368.	13.7	66
7	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1473707.	12.2	60
8	Inter-Laboratory Comparison of Extracellular Vesicle Isolation Based on Ultracentrifugation. <i>Transfusion Medicine and Hemotherapy</i> , 2021, 48, 48-59.	1.6	30
9	Propofol and Sevoflurane Differentially Impact MicroRNAs in Circulating Extracellular Vesicles during Colorectal Cancer Resection. <i>Anesthesiology</i> , 2020, 132, 107-120.	2.5	29
10	Extracellular Vesicle Associated miRNAs Regulate Signaling Pathways Involved in COVID-19 Pneumonia and the Progression to Severe Acute Respiratory Corona Virus-2 Syndrome. <i>Frontiers in Immunology</i> , 2021, 12, 784028.	4.8	25
11	Diagnostic potential of circulating cell-free microRNAs for community-acquired pneumonia and pneumonia-related sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12054-12064.	3.6	24
12	Transcriptomic profiling of cell-free and vesicular microRNAs from matched arterial and venous sera. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1670935.	12.2	20
13	Radiation Exposure of Peripheral Mononuclear Blood Cells Alters the Composition and Function of Secreted Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2336.	4.1	18
14	RNA-seq-based profiling of extracellular vesicles in plasma reveals a potential role of miR-122 in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 366-371.	5.7	18
15	Preconceptional smoking alters spermatozoal miRNAs of murine fathers and affects offspring's body weight. <i>International Journal of Obesity</i> , 2021, 45, 1623-1627.	3.4	16
16	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves. <i>PLoS ONE</i> , 2020, 15, e0229606.	2.5	15
17	The Emerging Role of miRNAs for the Radiation Treatment of Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 3703.	3.7	13
18	Glucocorticoid receptor overexpression slightly shifts microRNA expression patterns in triple-negative breast cancer. <i>International Journal of Oncology</i> , 2018, 52, 1765-1776.	3.3	10

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19	TGFBR2-dependent alterations of microRNA profiles in extracellular vesicles and parental colorectal cancer cells. <i>International Journal of Oncology</i> , 2019, 55, 925-937.	3.3	9
20	Impact of DNA repair and reactive oxygen species levels on radioresistance in pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2021, 159, 265-276.	0.6	9
21	Progranulin signaling in sepsis, community-acquired bacterial pneumonia and COVID-19: a comparative, observational study. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 43.	1.9	7
22	MIQE-Compliant Validation of MicroRNA Biomarker Signatures Established by Small RNA Sequencing. <i>Methods in Molecular Biology</i> , 2020, 2065, 23-38.	0.9	6
23	Molecular RNA Correlates of the SOFA Score in Patients with Sepsis. <i>Diagnostics</i> , 2021, 11, 1649.	2.6	5
24	Isolation and characterization of extracellular vesicles. <i>Trillium Extracellular Vesicles</i> , 2019, 1, 18-26.	0.3	1
25	Nucleic Acids: RNA Identification and Quantification Via Next-Generation Sequencing. , 2018, , .		0
26	#ScienceAtHome: EVolution of education and scientific exchange in 2020. <i>Trillium Extracellular Vesicles</i> , 2020, 2, 10-13.	0.3	0
27	Title is missing!. , 2020, 15, e0229606.		0
28	Title is missing!. , 2020, 15, e0229606.		0
29	Title is missing!. , 2020, 15, e0229606.		0
30	Title is missing!. , 2020, 15, e0229606.		0