

Dominik Buschmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7401105/publications.pdf>

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	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
2	Inter-Laboratory Comparison of Extracellular Vesicle Isolation Based on Ultracentrifugation. <i>Transfusion Medicine and Hemotherapy</i> , 2021, 48, 48-59.	1.6	30
3	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
4	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
5	Separation, characterization, and standardization of extracellular vesicles for drug delivery applications. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 348-368.	13.7	66
6	Molecular RNA Correlates of the SOFA Score in Patients with Sepsis. <i>Diagnostics</i> , 2021, 11, 1649.	2.6	5
7	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
8	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
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	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
11	The Emerging Role of miRNAs for the Radiation Treatment of Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 3703.	3.7	13
12	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
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	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
15	#ScienceAtHome: Evolution of education and scientific exchange in 2020. <i>Trillium Extracellular Vesicles</i> , 2020, 2, 10-13.	0.3	0
16	Title is missing!. , 2020, 15, e0229606.		0
17	Title is missing!. , 2020, 15, e0229606.		0
18	Title is missing!. , 2020, 15, e0229606.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0229606.		0
20	Transcriptomic profiling of cell-free and vesicular microRNAs from matched arterial and venous sera. Journal of Extracellular Vesicles, 2019, 8, 1670935.	12.2	20
21	TGFBR2-dependent alterations of microRNA profiles in extracellular vesicles and parental colorectal cancer cells. International Journal of Oncology, 2019, 55, 925-937.	3.3	9
22	Isolation and characterization of extracellular vesicles. Trillium Extracellular Vesicles, 2019, 1, 18-26.	0.3	1
23	Glucocorticoid receptor overexpression slightly shifts microRNA expression patterns in triple-negative breast cancer. International Journal of Oncology, 2018, 52, 1765-1776.	3.3	10
24	Nucleic Acids: RNA Identification and Quantification Via Next-Generation Sequencing. , 2018, , .		0
25	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
26	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
27	Evaluation of serum extracellular vesicle isolation methods for profiling miRNAs by next-generation sequencing. Journal of Extracellular Vesicles, 2018, 7, 1481321.	12.2	177
28	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. Nature Methods, 2017, 14, 228-232.	19.0	886
29	Cellular and extracellular miRNA are blood-compartment-specific diagnostic targets in sepsis. Journal of Cellular and Molecular Medicine, 2017, 21, 2403-2411.	3.6	84
30	Toward reliable biomarker signatures in the age of liquid biopsies - how to standardize the small RNA-Seq workflow. Nucleic Acids Research, 2016, 44, 5995-6018.	14.5	97