

# Benedikt Kirchner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9037737/publications.pdf>

Version: 2024-02-01

41  
papers

1,077  
citations

586496

16  
h-index

466096

32  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Obtaining Reliable RT-qPCR Results in Molecular Diagnosticsâ€”MIQE Goals and Pitfalls for Transcriptional Biomarker Discovery. <i>Life</i> , 2022, 12, 386.	1.1	8
2	Using High-Resolution Differential Cell Counts (HRDCCs) in Bovine Milk and Blood to Monitor the Immune Status over the Entire Lactation Period. <i>Animals</i> , 2022, 12, 1339.	1.0	0
3	miREV: An Online Database and Tool to Uncover Potential Reference RNAs and Biomarkers in Small-RNA Sequencing Data Sets from Extracellular Vesicles Enriched Samples. <i>Journal of Molecular Biology</i> , 2021, 433, 167070.	2.0	10
4	Molecular RNA Correlates of the SOFA Score in Patients with Sepsis. <i>Diagnostics</i> , 2021, 11, 1649.	1.3	5
5	Progranulin signaling in sepsis, community-acquired bacterial pneumonia and COVID-19: a comparative, observational study. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 43.	0.9	7
6	Detection of Atherosclerosis by Small RNA-Sequencing Analysis of Extracellular Vesicle Enriched Serum Samples. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 729061.	1.8	20
7	Development of an advanced flow cytometry based high-resolution immunophenotyping method to benchmark early immune response in dairy cows. <i>Scientific Reports</i> , 2021, 11, 22896.	1.6	9
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.	2.2	25
9	The Beneficial Effect of Farm Milk Consumption on Asthma, Allergies, and Infections: From Meta-Analysis of Evidence to Clinical Trial. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 878-889.e3.	2.0	53
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.	1.6	24
11	SARS-CoV-2 infections in cancer outpatientsâ€”Most infected patients are asymptomatic carriers without impact on chemotherapy. <i>Cancer Medicine</i> , 2020, 9, 8020-8028.	1.3	17
12	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves. <i>PLoS ONE</i> , 2020, 15, e0229606.	1.1	15
13	MIQE-Compliant Validation of MicroRNA Biomarker Signatures Established by Small RNA Sequencing. <i>Methods in Molecular Biology</i> , 2020, 2065, 23-38.	0.4	6
14	Extracellular vesicle-derived microRNA biomarkers: goals and pitfalls. <i>Trillium Extracellular Vesicles</i> , 2020, 2, 42-47.	0.1	1
15	Title is missing!. , 2020, 15, e0229606.		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	Transcriptomic profiling of cell-free and vesicular microRNAs from matched arterial and venous sera. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1670935.	5.5	20
20	MicroRNA of whole milk samples are not suitable for pregnancy detection in cattle. <i>Gene</i> , 2019, 692, 17-21.	1.0	3
21	Glucocorticoid receptor overexpression slightly shifts microRNA expression patterns in triple-negative breast cancer. <i>International Journal of Oncology</i> , 2018, 52, 1765-1776.	1.4	10
22	A miRNA181a/NFAT5 axis links impaired T cell tolerance induction with autoimmune type 1 diabetes. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	49
23	Impact of preimplantational oral low-dose estradiol <sup>17</sup> $\beta$ exposure on the endometrium: The role of miRNA. <i>Molecular Reproduction and Development</i> , 2018, 85, 417-426.	1.0	9
24	Nucleic Acids: RNA Identification and Quantification Via Next-Generation Sequencing. , 2018, , .		0
25	Nucleic Acids: RNA Identification and Quantification Via RT-qPCR. , 2018, , 35-35.		0
26	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.	5.5	60
27	Changes in the microRNA expression profile during blood storage. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000354.	1.4	16
28	Evaluation of serum extracellular vesicle isolation methods for profiling miRNAs by next-generation sequencing. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1481321.	5.5	177
29	Cellular and extracellular miRNA are blood-compartment-specific diagnostic targets in sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2403-2411.	1.6	84
30	The Dynamics of microRNA Transcriptome in Bovine Corpus Luteum during Its Formation, Function, and Regression. <i>Frontiers in Genetics</i> , 2017, 8, 213.	1.1	30
31	Can milk cell or skim milk miRNAs be used as biomarkers for early pregnancy detection in cattle?. <i>PLoS ONE</i> , 2017, 12, e0172220.	1.1	32
32	miRNA92a targets KLF2 and the phosphatase PTEN signaling to promote human T follicular helper precursors in T1D islet autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6659-E6668.	3.3	50
33	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.	6.5	97
34	microRNA in native and processed cow's milk and its implication for the farm milk effect on asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1893-1895.e13.	1.5	69
35	The potential of circulating extracellular small RNAs (smexRNA) in veterinary diagnostics—Identifying biomarker signatures by multivariate data analysis. <i>Biomolecular Detection and Quantification</i> , 2015, 5, 15-22.	7.0	12
36	Comparison of the miRNome and piRNome of bovine blood and plasma by small RNA sequencing. <i>Biotechnology Letters</i> , 2015, 37, 1165-1176.	1.1	16

#	ARTICLE	IF	CITATIONS
37	mRNA and microRNA Purity and Integrity: The Key to Success in Expression Profiling. <i>Methods in Molecular Biology</i> , 2014, 1160, 43-53.	0.4	13
38	Optimization of Extraction of Circulating RNAs from Plasma “ Enabling Small RNA Sequencing. <i>PLoS ONE</i> , 2014, 9, e107259.	1.1	49
39	Effect of magnetic stimulation on the gene expression profile of in vitro cultured neural cells. <i>Neuroscience Letters</i> , 2012, 526, 122-127.	1.0	19
40	Quantification noise in single cell experiments. <i>Nucleic Acids Research</i> , 2011, 39, e124-e124.	6.5	42
41	Quantification noise in single cell experiments. <i>Nucleic Acids Research</i> , 2011, 39, 9834-9834.	6.5	15