Dieter Beule

List of Publications by Year
in descending order

56 papers	2,179 citations	331670 21 h-index	265206 42 g-index
70 all docs	70 docs citations	70 times ranked	4221 citing authors

#	ARTICLE	IF	CITATIONS
1	The single‐cell transcriptional landscape of lung carcinoid tumors. International Journal of Cancer, 2022, 150, 2058-2071.	5.1	7
2	Adolescence is a sensitive period for prefrontal microglia to act on cognitive development. Science Advances, 2022, 8, eabi6672.	10.3	40
3	Highly multiplexed immune repertoire sequencing links multiple lymphocyte classes with severity of response to COVID-19. EClinicalMedicine, 2022, 48, 101438.	7.1	5
4	Pathogenic Variants in Cardiomyopathy Disorder Genes Underlie Pediatric Myocarditis—Further Impact of Heterozygous Immune Disorder Gene Variants?. Journal of Cardiovascular Development and Disease, 2022, 9, 216.	1.6	3
5	Protein Synthesis in the Developing Neocortex at Near-Atomic Resolution Reveals Ebp1-Mediated Neuronal Proteostasis at the 60S Tunnel Exit. Molecular Cell, 2021, 81, 304-322.e16.	9.7	27
6	PHACTR1 genetic variability is not critical in small vessel ischemic disease patients and PcomA recruitment in C57BL/6J mice. Scientific Reports, 2021, 11, 6072.	3.3	2
7	Long‐term in vitro expansion ensures increased yield of central memory T cells as perspective for manufacturing challenges. International Journal of Cancer, 2021, 148, 3097-3110.	5.1	4
8	Modeling chemotherapy induced neurotoxicity with human induced pluripotent stem cell (iPSC) -derived sensory neurons. Neurobiology of Disease, 2021, 155, 105391.	4.4	31
9	Shared and oppositely regulated transcriptomic signatures in Huntington's disease and brain ischemia confirm known and unveil novel potential neuroprotective genes. Neurobiology of Aging, 2021, 104, 122.e1-122.e17.	3.1	2
10	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. Nature Communications, 2021, 12, 4869.	12.8	68
11	Mitogen‐activated protein kinase activity drives cell trajectories in colorectal cancer. EMBO Molecular Medicine, 2021, 13, e14123.	6.9	47
12	Pathogenic Variants Associated With Dilated Cardiomyopathy Predict Outcome in Pediatric Myocarditis. Circulation Genomic and Precision Medicine, 2021, 14, e003250.	3.6	27
13	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. EClinicalMedicine, 2021, 40, 101099.	7.1	52
14	Dataset for: Modeling chemotherapy induced neurotoxicity with human induced pluripotent stem cell (iPSC)-derived sensory neurons. Data in Brief, 2021, 38, 107320.	1.0	2
15	Depletion of cardiac cardiolipin synthase alters systolic and diastolic function. IScience, 2021, 24, 103314.	4.1	4
16	Single-cell RNA sequencing reveals distinct tumor microenvironmental patterns in lung adenocarcinoma. Oncogene, 2021, 40, 6748-6758.	5.9	70
17	Neuroblastoma signalling models unveil combination therapies targeting feedback-mediated resistance. PLoS Computational Biology, 2021, 17, e1009515.	3.2	5
18	An exploratory investigation of brain collateral circulation plasticity after cerebral ischemia in two experimental C57BL/6 mouse models. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 276-287.	4.3	15

#	Article	IF	Citations
19	Reflection of neuroblastoma intratumor heterogeneity in the new OHCâ€‹NB1 disease model. International Journal of Cancer, 2020, 146, 1031-1041.	5.1	9
20	Extrachromosomal circular DNA drives oncogenic genome remodeling in neuroblastoma. Nature Genetics, 2020, 52, 29-34.	21.4	193
21	Paroxysmal tonic upgaze: A heterogeneous clinical condition responsive to carbonic anhydrase inhibition. European Journal of Paediatric Neurology, 2020, 25, 181-186.	1.6	12
22	Enzymatic Dissociation Induces Transcriptional and Proteotype Bias in Brain Cell Populations. International Journal of Molecular Sciences, 2020, 21, 7944.	4.1	72
23	Multiplexed Quantification of Four Neuroblastoma DNA Targets in a Single Droplet Digital PCR Reaction. Journal of Molecular Diagnostics, 2020, 22, 1309-1323.	2.8	11
24	Investigating APOE, APP-AÎ² metabolism genes and Alzheimerâ€™s disease GWAS hits in brain small vessel ischemic disease. Scientific Reports, 2020, 10, 7103.	3.3	12
25	Distinct immune evasion in <scp>APOBEC</scp>â€‹enriched, <scp>HPV</scp>â€‹negative <scp>HNSCC</scp>. International Journal of Cancer, 2020, 147, 2293-2302.	5.1	10
26	Concepts and Software Package for Efficient Quality Control in Targeted Metabolomics Studies: MeTaQuaC. Analytical Chemistry, 2020, 92, 10241-10245.	6.5	22
27	VarFish: comprehensive DNA variant analysis for diagnostics and research. Nucleic Acids Research, 2020, 48, W162-W169.	14.5	39
28	Generation and characterization of a mitotane-resistant adrenocortical cell line. Endocrine Connections, 2020, 9, 122-134.	1.9	11
29	SODAR Core: a Django-based framework for scientific data management and analysis web apps. Journal of Open Source Software, 2020, 5, 1584.	4.6	6
30	SCelVis: exploratory single cell data analysis on the desktop and in the cloud. PeerJ, 2020, 8, e8607.	2.0	8
31	Targeted panel sequencing in pediatric primary cardiomyopathy supports a critical role of <i>TNNI3</i>. Clinical Genetics, 2019, 96, 549-559.	2.0	28
32	WiPP: Workflow for Improved Peak Picking for Gas Chromatography-Mass Spectrometry (GC-MS) Data. Metabolites, 2019, 9, 171.	2.9	19
33	Digestiflow: from BCL to FASTQ with ease. Bioinformatics, 2019, , .	4.1	3
34	let-7 MicroRNAs Regulate Microglial Function and Suppress Glioma Growth through Toll-Like Receptor 7. Cell Reports, 2019, 29, 3460-3471.e7.	6.4	64
35	The Anti-amyloid Compound DO1 Decreases Plaque Pathology and Neuroinflammation-Related Expression Changes in 5xFAD Transgenic Mice. Cell Chemical Biology, 2019, 26, 109-120.e7.	5.2	8
36	AltamISA: a Python API for ISA-Tab files. Journal of Open Source Software, 2019, 4, 1610.	4.6	6

#	ARTICLE	IF	CITATIONS
37	Long-Term T Cell Expansion Results in Increased Numbers of Central Memory T Cells with Sustained Functional Properties for Adoptive T Cell Therapy. Blood, 2019, 134, 1943-1943.	1.4	0
38	Multisite de novo mutations in human offspring after paternal exposure to ionizing radiation. Scientific Reports, 2018, 8, 14611.	3.3	22
39	Transcriptional and Translational Differences of Microglia from Male and Female Brains. Cell Reports, 2018, 24, 2773-2783.e6.	6.4	311
40	Adipose tissue ATGL modifies the cardiac lipidome in pressure-overload-induced left ventricular failure. PLoS Genetics, 2018, 14, e1007171.	3.5	42
41	DNA copy number changes define spatial patterns of heterogeneity in colorectal cancer. Nature Communications, 2017, 8, 14093.	12.8	85
42	Maternal immune activation results in complex microglial transcriptome signature in the adult offspring that is reversed by minocycline treatment. Translational Psychiatry, 2017, 7, e1120-e1120.	4.8	167
43	Tumour ischaemia by interferon-γ resembles physiological blood vessel regression. Nature, 2017, 545, 98-102.	27.8	199
44	HLA-MA: simple yet powerful matching of samples using HLA typing results. Bioinformatics, 2017, 33, 2241-2242.	4.1	0
45	VCFPy: a Python 3 library with good support for both reading and writing VCF. Journal of Open Source Software, 2016, 1, 85.	4.6	3
46	Biomarker Discovery and Redundancy Reduction towards Classification using a Multi-factorial MALDI-TOF MS T2DM Mouse Model Dataset. BMC Bioinformatics, 2011, 12, 140.	2.6	5
47	Handling and Interpreting Gene Groups. , 2007, , 69-84.		0
48	Global analysis of host tissue gene expression in the invasive front of colorectal liver metastases. International Journal of Cancer, 2006, 118, 74-89.	5.1	18
49	Biological profiling of gene groups utilizing Gene Ontology. Genome Informatics, 2005, 16, 106-15.	0.4	141
50	Extracting information from cDNA arrays. Chaos, 2001, 11, 98.	2.5	23
51	Isentropes and Hugoniot curves for dense hydrogen and deuterium. Physical Review E, 2001, 63, 060202.	2.1	25
52	Equation of state for hydrogen below 10000 K: From the fluid to the plasma. Physical Review B, 1999, 59, 14177-14181.	3.2	75
53	Evolutionary search for low autocorrelated binary sequences. IEEE Transactions on Evolutionary Computation, 1998, 2, 34-39.	10.0	65
54	Simulation of Ionization-Front Propagation in Dense Plasma by Markoff Automata. Zeitschrift Fur Physikalische Chemie, 1998, 204, 1-17.	2.8	6

#	Article	IF	Citations
55	Adiabatic equation of state and ionization equilibrium of dense plasma. Physica A: Statistical Mechanics and Its Applications, 1997, 241, 719-728.	2.6	15
56	Stochastic kinetics of electron transitions in nonideal plasmas. Physica B: Condensed Matter, 1996, 228, 140-143.	2.7	5