

# Benedikt Obermayer

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,363  
citations

471061

17  
h-index

414034

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complement activation induces excessive T cell cytotoxicity in severe COVID-19. <i>Cell</i> , 2022, 185, 493-512.e25.	13.5	122
2	The single-cell transcriptional landscape of lung carcinoid tumors. <i>International Journal of Cancer</i> , 2022, 150, 2058-2071.	2.3	7
3	Long-term in vitro expansion ensures increased yield of central memory T cells as perspective for manufacturing challenges. <i>International Journal of Cancer</i> , 2021, 148, 3097-3110.	2.3	4
4	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. <i>Nature Communications</i> , 2021, 12, 4869.	5.8	68
5	Mitogen-activated protein kinase activity drives cell trajectories in colorectal cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e14123.	3.3	47
6	Single-cell RNA sequencing reveals distinct tumor microenvironmental patterns in lung adenocarcinoma. <i>Oncogene</i> , 2021, 40, 6748-6758.	2.6	70
7	Distinct immune evasion in APOBEC-enriched, HPV-negative HNSCC. <i>International Journal of Cancer</i> , 2020, 147, 2293-2302.	2.3	10
8	Tracing tumorigenesis in a solid tumor model at single-cell resolution. <i>Nature Communications</i> , 2020, 11, 991.	5.8	44
9	Generation and characterization of a mitotane-resistant adrenocortical cell line. <i>Endocrine Connections</i> , 2020, 9, 122-134.	0.8	11
10	SCelVis: exploratory single cell data analysis on the desktop and in the cloud. <i>PeerJ</i> , 2020, 8, e8607.	0.9	8
11	The Translational Landscape of the Human Heart. <i>Cell</i> , 2019, 178, 242-260.e29.	13.5	407
12	Long-Term T Cell Expansion Results in Increased Numbers of Central Memory T Cells with Sustained Functional Properties for Adoptive T Cell Therapy. <i>Blood</i> , 2019, 134, 1943-1943.	0.6	0
13	Viral Infection Identifies Micropeptides Differentially Regulated in smORF-Containing lncRNAs. <i>Genes</i> , 2017, 8, 206.	1.0	50
14	Detecting actively translated open reading frames in ribosome profiling data. <i>Nature Methods</i> , 2016, 13, 165-170.	9.0	368
15	Extensive identification and analysis of conserved small ORFs in animals. <i>Genome Biology</i> , 2015, 16, 179.	3.8	180
16	Exploring the miRNA Regulatory Network Using Evolutionary Correlations. <i>PLoS Computational Biology</i> , 2014, 10, e1003860.	1.5	7
17	Inverse Ising inference with correlated samples. <i>New Journal of Physics</i> , 2014, 16, 123017.	1.2	10
18	Periodic versus Intermittent Adaptive Cycles in Quasispecies Coevolution. <i>Physical Review Letters</i> , 2014, 113, 128101.	2.9	3

#	ARTICLE	IF	CITATIONS
19	Dynamics of a semiflexible polymer or polymer ring in shear flow. <i>Physical Review E</i> , 2014, 89, 022606.	0.8	35
20	Identification of small ORFs in vertebrates using ribosome footprinting and evolutionary conservation. <i>EMBO Journal</i> , 2014, 33, 981-993.	3.5	587
21	Mixed messages: Re-initiation factors regulate translation of animal mRNAs. <i>Cell Research</i> , 2014, 24, 1383-1384.	5.7	2
22	The Paradox of Dual Roles in the RNA World: Resolving the Conflict Between Stable Folding and Templating Ability. <i>Journal of Molecular Evolution</i> , 2013, 77, 55-63.	0.8	36
23	Cascade of Reduced Speed and Accuracy after Errors in Enzyme-Free Copying of Nucleic Acid Sequences. <i>Journal of the American Chemical Society</i> , 2013, 135, 354-366.	6.6	64
24	Longitudinal response of confined semiflexible polymers. <i>Physical Review E</i> , 2011, 83, 021802.	0.8	14
25	Emergence of Information Transmission in a Prebiotic RNA Reactor. <i>Physical Review Letters</i> , 2011, 107, 018101.	2.9	24
26	The prebiotic evolutionary advantage of transferring genetic information from RNA to DNA. <i>Nucleic Acids Research</i> , 2011, 39, 8135-8147.	6.5	67
27	Error thresholds for self- and cross-specific enzymatic replication. <i>Journal of Theoretical Biology</i> , 2010, 267, 653-662.	0.8	10
28	Tension dynamics and viscoelasticity of extensible wormlike chains. <i>Physical Review E</i> , 2009, 80, 040801.	0.8	22
29	Freely relaxing polymers remember how they were straightened. <i>Physical Review E</i> , 2009, 79, 021804.	0.8	15
30	Escalation of error catastrophe for enzymatic self-replicators. <i>Europhysics Letters</i> , 2009, 88, 48006.	0.7	7
31	Coupling of Transverse and Longitudinal Response in Stiff Polymers. <i>Physical Review Letters</i> , 2007, 99, 098302.	2.9	10
32	The shape of barchan dunes. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S1229-S1235.	0.7	34
33	Stress-Energy Tensor for a Massless Spin1/2Field in Static Black Hole Spacetimes. <i>Physical Review Letters</i> , 2003, 91, 051301.	2.9	14