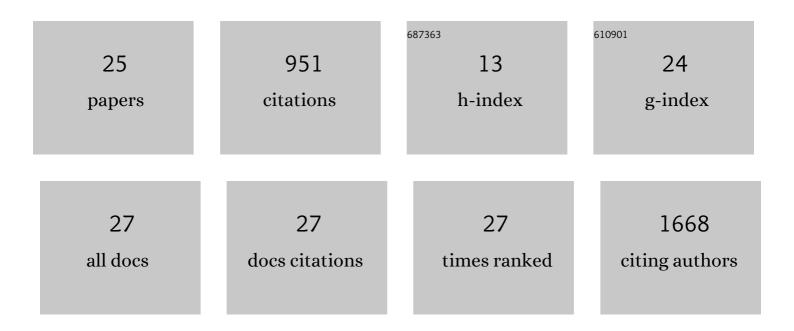
Michael Lenz

List of Publications by Year in descending order

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MICHAELLENZ

#	Article	IF	CITATIONS
1	Epigenetic Rejuvenation of Mesenchymal Stromal Cells Derived from Induced Pluripotent Stem Cells. Stem Cell Reports, 2014, 3, 414-422.	4.8	192
2	Stem Cell Differentiation as a Non-Markov Stochastic Process. Cell Systems, 2017, 5, 268-282.e7.	6.2	178
3	Nanog-dependent feedback loops regulate murine embryonic stem cell heterogeneity. Nature Cell Biology, 2012, 14, 1139-1147.	10.3	141
4	Principal components analysis and the reported low intrinsic dimensionality of gene expression microarray data. Scientific Reports, 2016, 6, 25696.	3.3	72
5	Induced Pluripotent Mesenchymal Stromal Cell Clones Retain Donor-derived Differences in DNA Methylation Profiles. Molecular Therapy, 2013, 21, 240-250.	8.2	54
6	Epigenetic Biomarker to Support Classification into Pluripotent and Non-Pluripotent Cells. Scientific Reports, 2015, 5, 8973.	3.3	49
7	To Clone or Not to Clone? Induced Pluripotent Stem Cells Can Be Generated in Bulk Culture. PLoS ONE, 2013, 8, e65324.	2.5	41
8	Adipose tissue in health and disease through the lens of its building blocks. Scientific Reports, 2020, 10, 10433.	3.3	40
9	Leukocyte Counts Based on DNA Methylation at Individual Cytosines. Clinical Chemistry, 2018, 64, 566-575.	3.2	21
10	Estimating real cell size distribution from cross-section microscopy imaging. Bioinformatics, 2016, 32, i396-i404.	4.1	20
11	Characterization of disease-specific cellular abundance profiles of chronic inflammatory skin conditions from deconvolution of biopsy samples. BMC Medical Genomics, 2019, 12, 121.	1.5	19
12	Improved quantification of muscle insulin sensitivity using oral glucose tolerance test data: the MISI Calculator. Scientific Reports, 2019, 9, 9388.	3.3	18
13	Joint EEG/fMRI state space model for the detection of directed interactions in human brains—a simulation study. Physiological Measurement, 2011, 32, 1725-1736.	2.1	17
14	PhysioSpace: Relating Gene Expression Experiments from Heterogeneous Sources Using Shared Physiological Processes. PLoS ONE, 2013, 8, e77627.	2.5	17
15	A computational model of postprandial adipose tissue lipid metabolism derived using human arteriovenous stable isotope tracer data. PLoS Computational Biology, 2019, 15, e1007400.	3.2	11
16	Isolated Pulmonary Embolism Is Associated With a High Risk of Arterial Thrombotic Disease. Chest, 2020, 158, 341-349.	0.8	11
17	Protein expression profiling suggests relevance of noncanonical pathways in isolated pulmonary embolism. Blood, 2021, 137, 2681-2693.	1.4	11
18	EFMviz: A COBRA Toolbox Extension to Visualize Elementary Flux Modes in Genome-Scale Metabolic Models. Metabolites, 2020, 10, 66.	2.9	7

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#	Article	IF	CITATIONS
19	A bioinformatics workflow to decipher transcriptomic data from vitamin D studies. Journal of Steroid Biochemistry and Molecular Biology, 2019, 189, 28-35.	2.5	6
20	Power-Laws and the Use of Pluripotent Stem Cell Lines. PLoS ONE, 2013, 8, e52068.	2.5	6
21	Missing value imputation in proximity extension assay-based targeted proteomics data. PLoS ONE, 2020, 15, e0243487.	2.5	5
22	Use of deep learning methods to translate drug-induced gene expression changes from rat to human primary hepatocytes. PLoS ONE, 2020, 15, e0236392.	2.5	3
23	A targeted proteomics investigation of the obesity paradox in venous thromboembolism. Blood Advances, 2021, 5, 2909-2918.	5.2	3
24	Assessing the Contribution of Relative Macrophage Frequencies to Subcutaneous Adipose Tissue. Frontiers in Nutrition, 2021, 8, 675935.	3.7	2
25	Investigation of potential traces of pluripotency in germinal-center-derived B-cell lymphomas driven by MYC. Blood Cancer Journal, 2015, 5, e317-e317.	6.2	0