Michael Lenz

List of Publications by Year
in descending order

25 papers	951 citations	687363 13 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	1668 citing authors

#	Article	IF	Citations
1	Protein expression profiling suggests relevance of noncanonical pathways in isolated pulmonary embolism. Blood, 2021, 137, 2681-2693.	1.4	11
2	Assessing the Contribution of Relative Macrophage Frequencies to Subcutaneous Adipose Tissue. Frontiers in Nutrition, 2021, 8, 675935.	3.7	2
3	A targeted proteomics investigation of the obesity paradox in venous thromboembolism. Blood Advances, 2021, 5, 2909-2918.	5.2	3
4	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
5	Adipose tissue in health and disease through the lens of its building blocks. Scientific Reports, 2020, 10, 10433.	3.3	40
6	EFMviz: A COBRA Toolbox Extension to Visualize Elementary Flux Modes in Genome-Scale Metabolic Models. Metabolites, 2020, 10, 66.	2.9	7
7	Isolated Pulmonary Embolism Is Associated With a High Risk of Arterial Thrombotic Disease. Chest, 2020, 158, 341-349.	0.8	11
8	Missing value imputation in proximity extension assay-based targeted proteomics data. PLoS ONE, 2020, 15, e0243487.	2.5	5
9	Improved quantification of muscle insulin sensitivity using oral glucose tolerance test data: the MISI Calculator. Scientific Reports, 2019, 9, 9388.	3.3	18
10	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
11	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
12	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
13	Leukocyte Counts Based on DNA Methylation at Individual Cytosines. Clinical Chemistry, 2018, 64, 566-575.	3.2	21
14	Stem Cell Differentiation as a Non-Markov Stochastic Process. Cell Systems, 2017, 5, 268-282.e7.	6.2	178
15	Estimating real cell size distribution from cross-section microscopy imaging. Bioinformatics, 2016, 32, i396-i404.	4.1	20
16	Principal components analysis and the reported low intrinsic dimensionality of gene expression microarray data. Scientific Reports, 2016, 6, 25696.	3.3	72
17	Epigenetic Biomarker to Support Classification into Pluripotent and Non-Pluripotent Cells. Scientific Reports, 2015, 5, 8973.	3.3	49
18	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

#	Article	IF	Citations
19	Epigenetic Rejuvenation of Mesenchymal Stromal Cells Derived from Induced Pluripotent Stem Cells. Stem Cell Reports, 2014, 3, 414-422.	4.8	192
20	Induced Pluripotent Mesenchymal Stromal Cell Clones Retain Donor-derived Differences in DNA Methylation Profiles. Molecular Therapy, 2013, 21, 240-250.	8.2	54
21	To Clone or Not to Clone? Induced Pluripotent Stem Cells Can Be Generated in Bulk Culture. PLoS ONE, 2013, 8, e65324.	2.5	41
22	Power-Laws and the Use of Pluripotent Stem Cell Lines. PLoS ONE, 2013, 8, e52068.	2.5	6
23	PhysioSpace: Relating Gene Expression Experiments from Heterogeneous Sources Using Shared Physiological Processes. PLoS ONE, 2013, 8, e77627.	2.5	17
24	Nanog-dependent feedback loops regulate murine embryonic stem cell heterogeneity. Nature Cell Biology, 2012, 14, 1139-1147.	10.3	141
25	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