

Michael Lenz

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

951
citations

687363

13
h-index

610901

24
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27
all docs

27
docs citations

27
times ranked

1668
citing authors

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

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