

Thomas Häggl

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,354
citations

279798

23
h-index

345221

36
g-index

45
all docs

45
docs citations

45
times ranked

8815
citing authors

#	ARTICLE	IF	CITATIONS
1	Conserved cell types with divergent features in human versus mouse cortex. <i>Nature</i> , 2019, 573, 61-68.	27.8	1,198
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
3	Comparative cellular analysis of motor cortex in human, marmoset and mouse. <i>Nature</i> , 2021, 598, 111-119.	27.8	361
4	Approximated and User Steerable tSNE for Progressive Visual Analytics. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 1739-1752.	4.4	213
5	Visual analysis of mass cytometry data by hierarchical stochastic neighbour embedding reveals rare cell types. <i>Nature Communications</i> , 2017, 8, 1740.	12.8	198
6	Mass Cytometry of the Human Mucosal Immune System Identifies Tissue- and Disease-Associated Immune Subsets. <i>Immunity</i> , 2016, 44, 1227-1239.	14.3	139
7	Memory CD4+ T cells are generated in the human fetal intestine. <i>Nature Immunology</i> , 2019, 20, 301-312.	14.5	132
8	DeepEyes: Progressive Visual Analytics for Designing Deep Neural Networks. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018, 24, 98-108.	4.4	121
9	Cytosplore: Interactive Immune Cell Phenotyping for Large Single-Cell Datasets. <i>Computer Graphics Forum</i> , 2016, 35, 171-180.	3.0	108
10	Hierarchical Stochastic Neighbor Embedding. <i>Computer Graphics Forum</i> , 2016, 35, 21-30.	3.0	103
11	High-dimensional cytometric analysis of colorectal cancer reveals novel mediators of antitumour immunity. <i>Gut</i> , 2020, 69, 691-703.	12.1	92
12	Iron loading is a prominent feature of activated microglia in Alzheimer's disease patients. <i>Acta Neuropathologica Communications</i> , 2021, 9, 27.	5.2	79
13	Mass cytometry reveals innate lymphoid cell differentiation pathways in the human fetal intestine. <i>Journal of Experimental Medicine</i> , 2018, 215, 1383-1396.	8.5	74
14	ImaCytE: Visual Exploration of Cellular Micro-Environments for Imaging Mass Cytometry Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 98-110.	4.4	61
15	Predicting Cell Populations in Single Cell Mass Cytometry Data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 769-781.	1.5	54
16	PD-L1 blockade engages tumor-infiltrating lymphocytes to co-express targetable activating and inhibitory receptors. , 2019, 7, 217.		47
17	The Contribution of Cytomegalovirus Infection to Immune Senescence Is Set by the Infectious Dose. <i>Frontiers in Immunology</i> , 2018, 8, 1953.	4.8	46
18	Cytofast: A workflow for visual and quantitative analysis of flow and mass cytometry data to discover immune signatures and correlations. <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 435-442.	4.1	45

#	ARTICLE	IF	CITATIONS
19	The Anatomical Location Shapes the Immune Infiltrate in Tumors of Same Etiology and Affects Survival. <i>Clinical Cancer Research</i> , 2019, 25, 240-252.	7.0	45
20	Co-expression patterns of microglia markers Iba1, TMEM119 and P2RY12 in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2022, 167, 105684.	4.4	45
21	Ovis: A Framework for Visual Analysis of Ocean Forecast Ensembles. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 1114-1126.	4.4	39
22	Heterogeneity of circulating CD8 T-cells specific to islet, neo-antigen and virus in patients with type 1 diabetes mellitus. <i>PLoS ONE</i> , 2018, 13, e0200818.	2.5	38
23	Helminth infections drive heterogeneity in human type 2 and regulatory cells. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	33
24	BrainScope: interactive visual exploration of the spatial and temporal human brain transcriptome. <i>Nucleic Acids Research</i> , 2017, 45, gkx046.	14.5	29
25	Systems analysis and controlled malaria infection in Europeans and Africans elucidate naturally acquired immunity. <i>Nature Immunology</i> , 2021, 22, 654-665.	14.5	24
26	CytoFmerge: integrating mass cytometry data across multiple panels. <i>Bioinformatics</i> , 2019, 35, 4063-4071.	4.1	23
27	CyteGuide: Visual Guidance for Hierarchical Single-Cell Analysis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018, 24, 739-748.	4.4	20
28	Visualizing Dynamic Changes at the Maternal-Fetal Interface Throughout Human Pregnancy by Mass Cytometry. <i>Frontiers in Immunology</i> , 2020, 11, 571300.	4.8	19
29	Visual analysis of uncertainties in ocean forecasts for planning and operation of off-shore structures. , 2013, , .		18
30	Semi-automated background removal limits data loss and normalizes imaging mass cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 1187-1197.	1.5	18
31	Tumor-specific T cells support chemokine-driven spatial organization of intratumoral immune microaggregates needed for long survival. , 2022, 10, e004346.		15
32	Visual cohort comparison for spatial single-cell omics-data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 733-743.	4.4	13
33	Multiscale Visualization and Exploration of Large Bipartite Graphs. <i>Computer Graphics Forum</i> , 2018, 37, 549-560.	3.0	12
34	Visualizing uncertainties in a storm surge ensemble data assimilation and forecasting system. <i>Natural Hazards</i> , 2015, 77, 317-336.	3.4	11
35	Overview + Detail Visualization for Ensembles of Diffusion Tensors. <i>Computer Graphics Forum</i> , 2017, 36, 121-132.	3.0	10
36	Multidimensional analyses of proinsulin peptide-specific regulatory T cells induced by tolerogenic dendritic cells. <i>Journal of Autoimmunity</i> , 2020, 107, 102361.	6.5	7

#	ARTICLE	IF	CITATIONS
37	Identification of a Disease-Associated Network of Intestinal Immune Cells in Treatment-Naive Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	7
38	Focus+Context Exploration of Hierarchical Embeddings. <i>Computer Graphics Forum</i> , 2019, 38, 569-579.	3.0	5
39	Incorporating Texture Information into Dimensionality Reduction for High-Dimensional Images. , 2022, , .		4
40	A Progressive Approach for Uncertainty Visualization in Diffusion Tensor Imaging. <i>Computer Graphics Forum</i> , 2021, 40, 411-422.	3.0	3
41	35â€¦Chemokine-driven spatial organization of immune cell microaggregates marks oropharyngeal squamous cell carcinomas containing tumor-specific T cells. , 2021, 9, A41-A41.		0