Michael D Leipold

List of Publications by Year
in descending order

27 papers	3,454 citations	394421 19 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	8020 citing authors

#	Article	IF	Citations
1	A literature study and public survey on mass cytometry dataset release and reuse. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 109-113.	1.5	0
2	cyCombine allows for robust integration of single-cell cytometry datasets within and across technologies. Nature Communications, 2022, 13, 1698.	12.8	33
3	Full spectrum flow cytometry and mass cytometry: A 32â€marker panel comparison. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 942-959.	1.5	18
4	Vi-Vaccinations Induce Heterogeneous Plasma Cell Responses That Associate With Protection From Typhoid Fever. Frontiers in Immunology, 2020, 11, 574057.	4.8	11
5	Reversal of epigenetic aging and immunosenescent trends in humans. Aging Cell, 2019, 18, e13028.	6.7	335
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
7	Getting the Most from Your High-Dimensional Cytometry Data. Immunity, 2019, 50, 535-536.	14.3	3
8	A clinically meaningful metric of immune age derived from high-dimensional longitudinal monitoring. Nature Medicine, 2019, 25, 487-495.	30.7	317
9	The anatomy of single cell mass cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 156-172.	1.5	85
10	Comparison of CyTOF assays across sites: Results of a six-center pilot study. Journal of Immunological Methods, 2018, 453, 37-43.	1.4	50
11	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
12	Platinumâ€conjugated antibodies for application in mass cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 292-300.	1.5	98
13	Computationally efficient multidimensional analysis of complex flow cytometry data using second order polynomial histograms. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 44-58.	1.5	10
14	Barcoding of Live Human Peripheral Blood Mononuclear Cells for Multiplexed Mass Cytometry. Journal of Immunology, 2015, 194, 2022-2031.	0.8	156
15	Another step on the path to mass cytometry standardization. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 380-382.	1.5	18
16	Multiparameter Phenotyping of Human PBMCs Using Mass Cytometry. Methods in Molecular Biology, 2015, 1343, 81-95.	0.9	91
17	Phenotyping of Live Human PBMC using CyTOFTM Mass Cytometry. Bio-protocol, 2015, 5, .	0.4	20
18	The Split Virus Influenza Vaccine rapidly activates immune cells through FcÎ³ receptors. Vaccine, 2014, 32, 5989-5997.	3.8	34

#	Article	IF	Citations
19	Genetic and Environmental Determinants of Human NK Cell Diversity Revealed by Mass Cytometry. Science Translational Medicine, 2013, 5, 208ra145.	12.4	491
20	Mass Cytometry: Protocol for Daily Tuning and Running Cell Samples on a CyTOF Mass Cytometer. Journal of Visualized Experiments, 2012, , e4398.	0.3	34
21	Development of mass cytometry methods for bacterial discrimination. Analytical Biochemistry, 2011, 419, 1-8.	2.4	30
22	ICP-MS-Based Multiplex Profiling of Glycoproteins Using Lectins Conjugated to Lanthanide-Chelating Polymers. Journal of Proteome Research, 2009, 8, 443-449.	3.7	29
23	The C-terminal Domain of the Escherichia coli WaaJ Glycosyltransferase Is Important for Catalytic Activity and Membrane Association. Journal of Biological Chemistry, 2007, 282, 1257-1264.	3.4	20
24	Glycosyltransferases Involved in Biosynthesis of the Outer Core Region of Escherichia coli Lipopolysaccharides Exhibit Broader Substrate Specificities Than Is Predicted from Lipopolysaccharide Structures. Journal of Biological Chemistry, 2007, 282, 26786-26792.	3.4	15
25	Recognition and Removal of Oxidized Guanines in Duplex DNA by the Base Excision Repair Enzymes hOGG1, yOGG1, and yOGG2â€. Biochemistry, 2003, 42, 11373-11381.	2.5	76
26	Structure and potential mutagenicity of new hydantoin products from guanosine and 8-oxo-7,8-dihydroguanine oxidation by transition metals.. Environmental Health Perspectives, 2002, 110, 713-717.	6.0	70
27	Removal of Hydantoin Products of 8-Oxoguanine Oxidation by the Escherichia coli DNA Repair Enzyme, FPG. Biochemistry, 2000, 39, 14984-14992.	2.5	128