

# Michael D Leipold

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

3,454  
citations

393982

19  
h-index

525886

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

8020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797.	1.6	505
3	Genetic and Environmental Determinants of Human NK Cell Diversity Revealed by Mass Cytometry. Science Translational Medicine, 2013, 5, 208ra145.	5.8	491
4	Reversal of epigenetic aging and immunosenescent trends in humans. Aging Cell, 2019, 18, e13028.	3.0	335
5	A clinically meaningful metric of immune age derived from high-dimensional longitudinal monitoring. Nature Medicine, 2019, 25, 487-495.	15.2	317
6	Barcoding of Live Human Peripheral Blood Mononuclear Cells for Multiplexed Mass Cytometry. Journal of Immunology, 2015, 194, 2022-2031.	0.4	156
7	Removal of Hydantoin Products of 8-Oxoguanine Oxidation by the Escherichia coli DNA Repair Enzyme, FPG. Biochemistry, 2000, 39, 14984-14992.	1.2	128
8	Platinumâ€conjugated antibodies for application in mass cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 292-300.	1.1	98
9	Multiparameter Phenotyping of Human PBMCs Using Mass Cytometry. Methods in Molecular Biology, 2015, 1343, 81-95.	0.4	91
10	The anatomy of single cell mass cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 156-172.	1.1	85
11	Recognition and Removal of Oxidized Guanines in Duplex DNA by the Base Excision Repair Enzymes hOGG1, yOGG1, and yOGG2â€€. Biochemistry, 2003, 42, 11373-11381.	1.2	76
12	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.	2.8	70
13	Comparison of CyTOF assays across sites: Results of a six-center pilot study. Journal of Immunological Methods, 2018, 453, 37-43.	0.6	50
14	Mass Cytometry: Protocol for Daily Tuning and Running Cell Samples on a CyTOF Mass Cytometer. Journal of Visualized Experiments, 2012, , e4398.	0.2	34
15	The Split Virus Influenza Vaccine rapidly activates immune cells through FcÎ³ receptors. Vaccine, 2014, 32, 5989-5997.	1.7	34
16	cyCombine allows for robust integration of single-cell cytometry datasets within and across technologies. Nature Communications, 2022, 13, 1698.	5.8	33
17	Development of mass cytometry methods for bacterial discrimination. Analytical Biochemistry, 2011, 419, 1-8.	1.1	30
18	ICP-MS-Based Multiplex Profiling of Glycoproteins Using Lectins Conjugated to Lanthanide-Chelating Polymers. Journal of Proteome Research, 2009, 8, 443-449.	1.8	29

#	ARTICLE	IF	CITATIONS
19	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.	1.6	20
20	Phenotyping of Live Human PBMC using CyTOFTM Mass Cytometry. Bio-protocol, 2015, 5, .	0.2	20
21	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.	1.1	18
22	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.	1.1	18
23	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.	1.6	15
24	Vi-Vaccinations Induce Heterogeneous Plasma Cell Responses That Associate With Protection From Typhoid Fever. Frontiers in Immunology, 2020, 11, 574057.	2.2	11
25	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.	1.1	10
26	Getting the Most from Your High-Dimensional Cytometry Data. Immunity, 2019, 50, 535-536.	6.6	3
27	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.	1.1	0