

# Michael D Leipold

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	2.9	505
3	Genetic and Environmental Determinants of Human NK Cell Diversity Revealed by Mass Cytometry. <i>Science Translational Medicine</i> , 2013, 5, 208ra145.	12.4	491
4	Reversal of epigenetic aging and immunosenescent trends in humans. <i>Aging Cell</i> , 2019, 18, e13028.	6.7	335
5	A clinically meaningful metric of immune age derived from high-dimensional longitudinal monitoring. <i>Nature Medicine</i> , 2019, 25, 487-495.	30.7	317
6	Barcoding of Live Human Peripheral Blood Mononuclear Cells for Multiplexed Mass Cytometry. <i>Journal of Immunology</i> , 2015, 194, 2022-2031.	0.8	156
7	Removal of Hydantoin Products of 8-Oxoguanine Oxidation by the Escherichia coli DNA Repair Enzyme, FPG. <i>Biochemistry</i> , 2000, 39, 14984-14992.	2.5	128
8	Platinumâ€conjugated antibodies for application in mass cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 292-300.	1.5	98
9	Multiparameter Phenotyping of Human PBMCs Using Mass Cytometry. <i>Methods in Molecular Biology</i> , 2015, 1343, 81-95.	0.9	91
10	The anatomy of single cell mass cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 156-172.	1.5	85
11	Recognition and Removal of Oxidized Guanines in Duplex DNA by the Base Excision Repair Enzymes hOGG1, yOGG1, and yOGG2â€€. <i>Biochemistry</i> , 2003, 42, 11373-11381.	2.5	76
12	Structure and potential mutagenicity of new hydantoin products from guanosine and 8-oxo-7,8-dihydroguanine oxidation by transition metals.. <i>Environmental Health Perspectives</i> , 2002, 110, 713-717.	6.0	70
13	Comparison of CyTOF assays across sites: Results of a six-center pilot study. <i>Journal of Immunological Methods</i> , 2018, 453, 37-43.	1.4	50
14	Mass Cytometry: Protocol for Daily Tuning and Running Cell Samples on a CyTOF Mass Cytometer. <i>Journal of Visualized Experiments</i> , 2012, , e4398.	0.3	34
15	The Split Virus Influenza Vaccine rapidly activates immune cells through FcÎ³ receptors. <i>Vaccine</i> , 2014, 32, 5989-5997.	3.8	34
16	cyCombine allows for robust integration of single-cell cytometry datasets within and across technologies. <i>Nature Communications</i> , 2022, 13, 1698.	12.8	33
17	Development of mass cytometry methods for bacterial discrimination. <i>Analytical Biochemistry</i> , 2011, 419, 1-8.	2.4	30
18	ICP-MS-Based Multiplex Profiling of Glycoproteins Using Lectins Conjugated to Lanthanide-Chelating Polymers. <i>Journal of Proteome Research</i> , 2009, 8, 443-449.	3.7	29

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19	The C-terminal Domain of the Escherichia coli WaaJ Glycosyltransferase Is Important for Catalytic Activity and Membrane Association. <i>Journal of Biological Chemistry</i> , 2007, 282, 1257-1264.	3.4	20
20	Phenotyping of Live Human PBMC using CyTOFTM Mass Cytometry. <i>Bio-protocol</i> , 2015, 5, .	0.4	20
21	Another step on the path to mass cytometry standardization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 380-382.	1.5	18
22	Full spectrum flow cytometry and mass cytometry: A 32â€¢marker panel comparison. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 942-959.	1.5	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. <i>Journal of Biological Chemistry</i> , 2007, 282, 26786-26792.	3.4	15
24	Vi-Vaccinations Induce Heterogeneous Plasma Cell Responses That Associate With Protection From Typhoid Fever. <i>Frontiers in Immunology</i> , 2020, 11, 574057.	4.8	11
25	Computationally efficient multidimensional analysis of complex flow cytometry data using second order polynomial histograms. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 44-58.	1.5	10
26	Getting the Most from Your High-Dimensional Cytometry Data. <i>Immunity</i> , 2019, 50, 535-536.	14.3	3
27	A literature study and public survey on mass cytometry dataset release and reuse. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 109-113.	1.5	0