## J Philip Mccoy

## List of Publications by Year in descending order

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50276 46799 8,437 122 46 89 citations h-index g-index papers 125 125 125 16198 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Fasting-induced FOXO4 blunts human CD4+ T helper cell responsiveness. Nature Metabolism, 2021, 3, 318-326.	11.9	29
2	Early Myeloid Derived Suppressor Cells (eMDSCs) Are Associated With High Donor Myeloid Chimerism Following Haploidentical HSCT for Sickle Cell Disease. Frontiers in Immunology, 2021, 12, 757279.	4.8	5
3	Cells of Myeloid Origin Partly Mediate the Association between Psoriasis Severity and CoronaryAPlaque. Journal of Investigative Dermatology, 2020, 140, 912-915.e1.	0.7	9
4	ISSUE HIGHLIGHTS ―May 2020. Cytometry Part B - Clinical Cytometry, 2020, 98, 213-215.	1.5	0
5	Dendritic Cell-Restricted Progenitors Contribute to Obesity-Associated Airway Inflammation via Adam17-p38 MAPK-Dependent Pathway. Frontiers in Immunology, 2020, 11, 363.	4.8	12
6	Immune cell phenotyping in low blood volumes for assessment of cardiovascular disease risk, development, and progression: a pilot study. Journal of Translational Medicine, 2020, 18, 29.	4.4	14
7	B Cell Deficiency in Patients with Relapsed and Refractory Acute Myeloid Leukemia. Clinical Hematology International, 2020, 2, 125.	1.7	3
8	Circulating Lymphangioleiomyomatosis Tumor Cells With Loss of Heterozygosity in the TSC2 Gene Show Increased Aldehyde Dehydrogenase Activity. Chest, 2019, 156, 298-307.	0.8	8
9	Neutrophil Subsets, Platelets, andÂVascular Disease in Psoriasis. JACC Basic To Translational Science, 2019, 4, 1-14.	4.1	56
10	Guidelines for Gating Flow Cytometry Data for Immunological Assays. Methods in Molecular Biology, 2019, 2032, 81-104.	0.9	16
11	Low-density lipoprotein receptor–related protein 1 attenuates house dust mite–induced eosinophilic airway inflammation by suppressing dendritic cell–mediated adaptive immune responses. Journal of Allergy and Clinical Immunology, 2018, 142, 1066-1079.e6.	2.9	17
12	Haem augments and iron chelation decreases tollâ€ike receptor 4 mediated inflammation in monocytes from sickle cell patients. British Journal of Haematology, 2018, 181, 552-554.	2.5	7
13	Human bone marrow assessment by single-cell RNA sequencing, mass cytometry, and flow cytometry. JCI Insight, 2018, 3, .	5.0	135
14	Masks in imaging flow cytometry. Methods, 2017, 112, 9-17.	3.8	32
15	B Cell Anomalies in Autoimmune Retinopathy (AIR). , 2017, 58, 3600.		8
16	Acoustofluidic Transfer of Inflammatory Cells from Human Sputum Samples. Analytical Chemistry, 2016, 88, 5655-5661.	6.5	28
17	Differential Role of Leptin as an Immunomodulator in Controlling Visceral Leishmaniasis in Normal and Leptin-Deficient Mice. American Journal of Tropical Medicine and Hygiene, 2016, 95, 109-119.	1.4	16
18	Systematic Analysis of Cell-to-Cell Expression Variation of T Lymphocytes in a Human Cohort Identifies Aging and Genetic Associations. Immunity, 2016, 45, 1162-1175.	14.3	42

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19	Standardizing Flow Cytometry Immunophenotyping Analysis from the Human ImmunoPhenotyping Consortium. Scientific Reports, 2016, 6, 20686.	3.3	240
20	Issue Highlights – September 2016. Cytometry Part B - Clinical Cytometry, 2016, 90, 401-403.	1.5	0
21	Detection and Characterization of Rare Circulating Endothelial Cells by Imaging Flow Cytometry. Methods in Molecular Biology, 2016, 1389, 249-264.	0.9	5
22	Sickle Cell Imaging Flow Cytometry Assay (SIFCA). Methods in Molecular Biology, 2016, 1389, 279-292.	0.9	11
23	A high-throughput acoustic cell sorter. Lab on A Chip, 2015, 15, 3870-3879.	6.0	126
24	Endothelial-binding, proinflammatory T cells identified by MCAM (CD146) expression: Characterization and role in human autoimmune diseases. Autoimmunity Reviews, 2015, 14, 415-422.	5.8	36
25	Dendritic cells induce Th2-mediated airway inflammatory responses to house dust mite via DNA-dependent protein kinase. Nature Communications, 2015, 6, 6224.	12.8	32
26	An acoustofluidic sputum liquefier. Lab on A Chip, 2015, 15, 3125-3131.	6.0	51
27	Imaging flow cytometry for the study of erythroid cell biology and pathology. Journal of Immunological Methods, 2015, 423, 52-59.	1.4	27
28	Acoustofluidic Fluorescence Activated Cell Sorter. Analytical Chemistry, 2015, 87, 12051-12058.	6.5	76
29	flowCL: ontology-based cell population labelling in flow cytometry. Bioinformatics, 2015, 31, 1337-1339.	4.1	25
30	IL-17A Production in Human Psoriatic Blood and Lesions by CD146+ T Cells. Journal of Investigative Dermatology, 2015, 135, 311-314.	0.7	12
31	Imaging flow cytometry for automated detection of hypoxiaâ€induced erythrocyte shape change in sickle cell disease. American Journal of Hematology, 2014, 89, 598-603.	4.1	60
32	The Very Low Density Lipoprotein Receptor Attenuates House Dust Mite–Induced Airway Inflammation by Suppressing Dendritic Cell–Mediated Adaptive Immune Responses. Journal of Immunology, 2014, 192, 4497-4509.	0.8	11
33	Continuous enrichment of low-abundance cell samples using standing surface acoustic waves (SSAW). Lab on A Chip, 2014, 14, 924-930.	6.0	88
34	Sub-micrometer-precision, three-dimensional (3D) hydrodynamic focusing via "microfluidic drifting― Lab on A Chip, 2014, 14, 415-423.	6.0	52
35	ATP-Binding Cassette Transporter 1 Attenuates Ovalbumin-Induced Neutrophilic Airway Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 626-636.	2.9	32
36	Secretion of interleukin-17 by CD8+ T cells expressing CD146 (MCAM). Clinical Immunology, 2014, 152, 36-47.	3.2	44

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37	Imaging flow cytometry documents incomplete resistance of human sickle F-cells to ex vivo hypoxia-induced sickling. Blood, 2014, 124, 658-660.	1.4	6
38	lssue highlights—November 2014. Cytometry Part B - Clinical Cytometry, 2014, 86, 371-372.	1.5	0
39	Sirolimus Decreases Circulating Lymphangioleiomyomatosis Cells in Patients With Lymphangioleiomyomatosis. Chest, 2014, 145, 108-112.	0.8	39
40	In vivo effects of horse and rabbit antithymocyte globulin in patients with severe aplastic anemia. Haematologica, 2014, 99, 1433-1440.	3.5	38
41	Subinfectious hepatitis C virus exposures suppress T cell responses against subsequent acute infection. Nature Medicine, 2013, 19, 1638-1642.	30.7	43
42	Restricted mitochondrial protein acetylation initiates mitochondrial autophagy. Journal of Cell Science, 2013, 126, 4843-9.	2.0	85
43	Live Attenuated <i>Live Attenuated<i>Live Attenuated<i 190,="" 2013,="" 2138-2149.<="" balb="" c="" immunity="" immunology,="" in="" journal="" long-term="" mice.="" of="" protective="" td=""><td>0.8</td><td>94</td></i></i></i>	0.8	94
44	Accumulation of mtDNA variations in human single CD34+ cells from maternally related individuals: Effects of aging and family genetic background. Stem Cell Research, 2013, 10, 361-370.	0.7	20
45	The National Institutes of Health Center for Human Immunology, Autoimmunity, and Inflammation: history and progress. Annals of the New York Academy of Sciences, 2013, 1285, 133-147.	3.8	1
46	Apparent mtDNA sequence heterogeneity in single human blood CD34+ cells is markedly affected by storage and transport. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2013, 751-752, 36-41.	1.0	4
47	Imaging flow cytometry for morphologic and phenotypic characterization of rare circulating endothelial cells. Cytometry Part B - Clinical Cytometry, 2013, 84, 379-389.	1.5	33
48	An On-Chip, Multichannel Droplet Sorter Using Standing Surface Acoustic Waves. Analytical Chemistry, 2013, 85, 5468-5474.	6.5	149
49	Differences in the Phenotype, Cytokine Gene Expression Profiles, and In Vivo Alloreactivity of T Cells Mobilized with Plerixafor Compared with G-CSF. Journal of Immunology, 2013, 191, 6241-6249.	0.8	31
50	Peptidoglycan Recognition Protein 1 Promotes House Dust Mite–Induced Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 902-911.	2.9	20
51	From Cellular Characteristics to Disease Diagnosis: Uncovering Phenotypes with Supercells. PLoS Computational Biology, 2013, 9, e1003215.	3.2	34
52	Circulating Endothelial Progenitor Cells in Adults with Sickle Cell Disease. Pulmonary Circulation, 2013, 3, 448-449.	1.7	2
53	Studying the Human Immunome: The Complexity of Comprehensive Leukocyte Immunophenotyping. Current Topics in Microbiology and Immunology, 2013, 377, 23-60.	1.1	16
54	Baseline Levels and Temporal Stability of 27 Multiplexed Serum Cytokine Concentrations in Healthy Subjects. PLoS ONE, 2013, 8, e76091.	2.5	85

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55	An integrated, multiparametric flow cytometry chip using "microfluidic drifting―based three-dimensional hydrodynamic focusing. Biomicrofluidics, 2012, 6, 24113-241139.	2.4	102
56	Reducing variability in flow cytometry. Nature Reviews Immunology, 2012, 12, 396-396.	22.7	1
57	Phenotypic complexity of T regulatory subsets in patients with B-chronic lymphocytic leukemia. Modern Pathology, 2012, 25, 246-259.	5 <b>.</b> 5	31
58	Apolipoprotein A-I Attenuates Ovalbumin-Induced Neutrophilic Airway Inflammation via a Granulocyte Colony–Stimulating Factor–Dependent Mechanism. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 186-195.	2.9	45
59	Effect of anticoagulants on multiplexed measurement of cytokine/chemokines in healthy subjects. Cytokine, 2012, 60, 438-446.	3.2	80
60	Standing surface acoustic wave (SSAW) based multichannel cell sorting. Lab on A Chip, 2012, 12, 4228.	6.0	186
61	Standardizing immunophenotyping for the Human Immunology Project. Nature Reviews Immunology, 2012, 12, 191-200.	22.7	919
62	OMIPâ€004: Inâ€depth characterization of human T regulatory cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 15-16.	1.5	15
63	Ultra-Low Dose IL-2 Safely Expands Regulatory T Cells and CD56bright NK Cells in Healthy Volunteers: Towards Safer Stem Cell Donors?. Blood, 2012, 120, 3283-3283.	1.4	2
64	Characterization of Early Lymphocytes Emerging After Nonmyeloablative Conditioning and Hematopoietic Stem Cell Transplant Supported with Sirolimus. Blood, 2012, 120, 4150-4150.	1.4	2
65	Transcriptional profiling of CD133+ cells in coronary artery disease and effects of exercise on gene expression. Cytotherapy, 2011, 13, 227-236.	0.7	8
66	MCAM-expressing CD4+ T cells in peripheral blood secrete IL-17A and are significantly elevated in inflammatory autoimmune diseases. Journal of Autoimmunity, 2011, 37, 319-327.	6.5	58
67	High dimensional flow cytometry for comprehensive leukocyte immunophenotyping (CLIP) in translational research. Journal of Immunological Methods, 2011, 363, 245-261.	1.4	39
68	Evaluation of Multiplexed Cytokine and Inflammation Marker Measurements: a Methodologic Study. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 1902-1911.	2.5	89
69	5A, an Apolipoprotein A-I Mimetic Peptide, Attenuates the Induction of House Dust Mite-Induced Asthma. Journal of Immunology, 2011, 186, 576-583.	0.8	68
70	CD146+ T lymphocytes are increased in both the peripheral circulation and in the synovial effusions of patients with various musculoskeletal diseases and display proâ€inflammatory gene profiles. Cytometry Part B - Clinical Cytometry, 2010, 78B, 88-95.	1.5	29
71	Characterization of the murine SIRT3 mitochondrial localization sequence and comparison of mitochondrial enrichment and deacetylase activity of long and short SIRT3 isoforms. Journal of Cellular Biochemistry, 2010, 110, 238-247.	2.6	99
72	A model for harmonizing flow cytometry in clinical trials. Nature Immunology, 2010, 11, 975-978.	14.5	130

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73	Caspase-7 Cleavage of Kaposi Sarcoma-associated Herpesvirus ORF57 Confers a Cellular Function against Viral Lytic Gene Expression. Journal of Biological Chemistry, 2010, 285, 11297-11307.	3.4	29
74	Phenotypic Characterization of Disseminated Cells with <i>TSC2</i> Loss of Heterozygosity in Patients with Lymphangioleiomyomatosis. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1410-1418.	5.6	64
75	Mitochondrial respiration protects against oxygen-associated DNA damage. Nature Communications, 2010, 1, 5.	12.8	121
76	Oncogenic HPV infection interrupts the expression of tumor-suppressive miR-34a through viral oncoprotein E6. Rna, 2009, 15, 637-647.	3.5	203
77	Microarray-Based Characterization of a Colony Assay Used to Investigate Endothelial Progenitor Cells and Relevance to Endothelial Function in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 121-127.	2.4	33
78	Targeted antagonism of CXCR4 mobilizes progenitor cells under investigation for cardiovascular disease. Cytotherapy, 2009, 11, 1016-1019.	0.7	9
79	Coordination of mitochondrial bioenergetics with G <sub>1</sub> phase cell cycle progression. Cell Cycle, 2008, 7, 1782-1787.	2.6	96
80	Mitochondrial Metabolism Modulates Differentiation and Teratoma Formation Capacity in Mouse Embryonic Stem Cells. Journal of Biological Chemistry, 2008, 283, 28506-28512.	3.4	179
81	Regression of human kidney cancer following allogeneic stem cell transplantation is associated with recognition of an HERV-E antigen by T cells. Journal of Clinical Investigation, 2008, 118, 1099-109.	8.2	118
82	Targeted Disruption of Kaposi's Sarcoma-Associated Herpesvirus ORF57 in the Viral Genome Is Detrimental for the Expression of ORF59, $K8l\pm$ , and $K8.1$ and the Production of Infectious Virus. Journal of Virology, 2007, 81, 1062-1071.	3.4	76
83	Age-dependent accumulation of mtDNA mutations in murine hematopoietic stem cells is modulated by the nuclear genetic background. Human Molecular Genetics, 2007, 16, 286-294.	2.9	33
84	Mitochondrial DNA sequence variation in single cells from leukemia patients. Blood, 2007, 109, 756-762.	1.4	49
85	Reduction of GVHD and enhanced antitumor effects after adoptive infusion of alloreactive Ly49-mismatched NK cells from MHC-matched donors. Blood, 2007, 109, 3603-3606.	1.4	88
86	Endothelial Progenitor Cell Mobilization and Increased Intravascular Nitric Oxide in Patients Undergoing Cardiac Rehabilitation. Journal of Cardiopulmonary Rehabilitation and Prevention, 2007, 27, 65-73.	2.1	54
87	The Transcription Factor GABP Is a Critical Regulator of B Lymphocyte Development. Immunity, 2007, 26, 421-431.	14.3	47
88	A unique population of effector memory lymphocytes identified by CD146 having a distinct immunophenotypic and genomic profile. BMC Immunology, 2007, 8, 29.	2.2	44
89	Mitochondrial DNA Sequence Heterogeneity of Single CD34+ Cells After Nonmyeloablative Allogeneic Stem Cell Transplantation. Stem Cells, 2007, 25, 2670-2676.	3.2	7
90	The Mammalian Target of Rapamycin (mTOR) Pathway Regulates Mitochondrial Oxygen Consumption and Oxidative Capacity. Journal of Biological Chemistry, 2006, 281, 27643-27652.	3.4	524

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91	Multiplex bead array assays: Performance evaluation and comparison of sensitivity to ELISAâ <sup>-</sup> †. Methods, 2006, 38, 317-323.	3.8	456
92	Overcoming graft rejection in heavily transfused and allo-immunised patients with bone marrow failure syndromes using fludarabine-based haematopoietic cell transplantation. British Journal of Haematology, 2006, 133, 305-314.	2.5	102
93	The E7 Oncoprotein Is Translated from Spliced E6*I Transcripts in High-Risk Human Papillomavirus Type 16- or Type 18-Positive Cervical Cancer Cell Lines via Translation Reinitiation. Journal of Virology, 2006, 80, 4249-4263.	3.4	187
94	Mitochondrial DNA spectra of single human CD34+ cells, T cells, B cells, and granulocytes. Blood, 2005, 106, 3271-3284.	1.4	18
95	CD146 (Mel-CAM), an adhesion marker of endothelial cells, is a novel marker of lymphocyte subset activation in normal peripheral blood. Blood, 2005, 106, 2923-2924.	1.4	103
96	Detection of circulating endothelial cells and endothelial progenitor cells by flow cytometry. Cytometry Part B - Clinical Cytometry, 2005, 64B, 1-8.	1.5	277
97	Granulocyte Colony-Stimulating Factor Mobilizes Functional Endothelial Progenitor Cells in Patients With Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 296-301.	2.4	240
98	Molecular and genetic analysis of disseminated neoplastic cells in lymphangioleiomyomatosis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17462-17467.	7.1	184
99	GA binding protein regulates interleukin 7 receptor α-chain gene expression in T cells. Nature Immunology, 2004, 5, 1036-1044.	14.5	125
100	Multiplex bead array assays for detection of soluble cytokines: Comparisons of sensitivity and quantitative values among kits from multiple manufacturers. Cytometry, 2004, 61B, 35-39.	1.8	293
101	In vitro and in vivo evidence of PNH cell sensitivity to immune attack after nonmyeloablative allogeneic hematopoietic cell transplantation. Blood, 2004, 103, 1383-1390.	1.4	52
102	Marked mitochondrial DNA sequence heterogeneity in single CD34+ cell clones from normal adult bone marrow. Blood, 2004, 103, 553-561.	1.4	39
103	Mitochondrial DNA sequence heterogeneity in circulating normal human CD34 cells and granulocytes. Blood, 2004, 103, 4466-4477.	1.4	35
104	Report of the Clinical Practice Task Force survey of the Clinical Cytometry Society. Cytometry, 2001, 46, 177-183.	1.8	3
105	Medicaid and Medicare Reimbursement for Flow Cytometry. American Journal of Clinical Pathology, 2001, 115, 631-641.	0.7	2
106	Current Practices in Clinical Flow Cytometry: A Practice Survey by the American Society of Clinical Pathologists. American Journal of Clinical Pathology, 1999, 111, 161-168.	0.7	18
107	Analysis of the T cell receptor (TCR) V beta repertoire in HIV disease. Clinical Immunology Newsletter, 1998, 18, 28-32.	0.1	0
108	A Survey of Current Practices in Clinical Flow Cytometry. American Journal of Clinical Pathology, 1996, 106, 82-86.	0.7	16

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109	Letter to editor. Cytometry, 1996, 26, 178-181.	1.8	2
110	Immunophenotypic analysis of the T cell receptor V? repertoire in CD4+ and CD8+ lymphocytes from normal peripheral blood., 1996, 26, 148-153.		12
111	Alterations of T-cell receptor variable region expression in human immunodeficiency virus disease. Cytometry, 1995, 22, 1-9.	1.8	13
112	Products of cells from gliomas: IX. Evidence that two fundamentally different mechanisms change extracellular matrix expression by gliomas. Journal of Neuro-Oncology, 1995, 24, 267-279.	2.9	13
113	Sequential paraformaldehyde and methanol fixation for simultaneous flow cytometric analysis of DNA, cell surface proteins, and intracellular proteins. Cytometry, 1992, 13, 432-444.	1.8	113
114	Detection of the ras p21 gene product in human leukemias by flow cytometry. Journal of Clinical Laboratory Analysis, 1989, 3, 108-115.	2.1	1
115	Connective tissue diseases and bovine collagen implants. Journal of the American Academy of Dermatology, 1987, 16, 315-318.	1.2	13
116	The application of lectins to the characterization and isolation of mammalian cell populations. Cancer and Metastasis Reviews, 1987, 6, 595-613.	5.9	12
117	Products of cells cultured from gliomas. IV. Extracellular matrix proteins of gliomas. International Journal of Cancer, 1986, 37, 867-874.	5.1	40
118	Griffonia simplicifolia I isolectin as a functionally monovalent probe for use in flow cytometry. Cytometry, 1986, 7, 142-146.	1.8	10
119	A Rapid Immunostaining Method Utilizing Preformed Antibody–Avidin–Biotin–Peroxidase Complexes. American Journal of Clinical Pathology, 1985, 83, 636-639.	0.7	23
120	Attachment, spreading and growthin vitro of highly malignant and low malignant murine fibrosarcoma cells. Clinical and Experimental Metastasis, 1985, 3, 45-59.	3.3	23
121	Characterization of the Humoral Immune Response to Bovine Collagen Implants. Archives of Dermatology, 1985, 121, 990.	1.4	51
122	Metastatic potential of murine fibrosarcoma cells is influenced by cell surface laminin. International Journal of Cancer, 1984, 33, 651-655.	5.1	87