

# Johannes U Mayer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

484  
citations

10  
h-index

22  
g-index

28  
ext. papers

801  
ext. citations

11.2  
avg, IF

3.85  
L-index

#	Paper	IF	Citations
21	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. <i>Immunity</i> , <b>2020</b> , 52, 1039-1056.e9	32.3	120
20	Tissue-specific differentiation of colonic macrophages requires TGF $\beta$ receptor-mediated signaling. <i>Mucosal Immunology</i> , <b>2017</b> , 10, 1387-1399	9.2	79
19	Dissecting cellular crosstalk by sequencing physically interacting cells. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 629-637	44.5	77
18	Different populations of CD11b dendritic cells drive Th2 responses in the small intestine and colon. <i>Nature Communications</i> , <b>2017</b> , 8, 15820	17.4	63
17	Panel Design and Optimization for High-Dimensional Immunophenotyping Assays Using Spectral Flow Cytometry. <i>Current Protocols in Cytometry</i> , <b>2020</b> , 92, e70	3.6	32
16	Single-Cell Analysis of Diverse Pathogen Responses Defines a Molecular Roadmap for Generating Antigen-Specific Immunity. <i>Cell Systems</i> , <b>2019</b> , 8, 109-121.e6	10.6	24
15	High-dimensional analysis of intestinal immune cells during helminth infection. <i>ELife</i> , <b>2020</b> , 9,	8.9	13
14	Dendritic cells in Th2 immune responses and allergic sensitization. <i>Immunology and Cell Biology</i> , <b>2020</b> , 98, 807-818	5	12
13	High-Dimensional Data Analysis Algorithms Yield Comparable Results for Mass Cytometry and Spectral Flow Cytometry Data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2020</b> , 97, 824-831	4.6	11
12	Intestinal-derived ILCs migrating in lymph increase IFN $\gamma$ production in response to Salmonella Typhimurium infection. <i>Mucosal Immunology</i> , <b>2021</b> , 14, 717-727	9.2	10
11	Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote T2 and inhibit T17 cell polarization. <i>Nature Immunology</i> , <b>2021</b> , 22, 1538-1550	19.1	9
10	CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase. <i>FASEB Journal</i> , <b>2021</b> , 35, e21205	0.9	9
9	Simultaneous Polychromatic Immunofluorescent Staining of Tissue Sections and Consecutive Imaging of up to Seven Parameters by Standard Confocal Microscopy. <i>Current Protocols in Cytometry</i> , <b>2019</b> , 91, e64	3.6	7
8	Dendritic cells and the skin environment. <i>Current Opinion in Immunology</i> , <b>2020</b> , 64, 56-62	7.8	6
7	Fate mapping analysis reveals a novel murine dermal migratory Langerhans-like cell population. <i>ELife</i> , <b>2021</b> , 10,	8.9	5
6	Dermal IRF4+ dendritic cells and monocytes license CD4+ T helper cells to distinct cytokine profiles. <i>Nature Communications</i> , <b>2020</b> , 11, 5637	17.4	4
5	Defined Intestinal Regions Are Drained by Specific Lymph Nodes That Mount Distinct Th1 and Th2 Responses Against Eggs. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 592325	8.4	1

- 4 The skin environment controls local dendritic cell differentiation and function through innate IL-13 1
- 3 MR1-dependent immune surveillance of the skin contributes to pathogenesis and is a photobiological target of UV light therapy in a mouse model of atopic dermatitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 3155-3170 9.3 0
- 2 Commentary: Spatiotemporal Modeling of the Key Migratory Events During the Initiation of Adaptive Immunity. *Frontiers in Immunology*, **2019**, 10, 2311 8.4
- 1 Current research and unmet needs in allergy and immunology in Germany: report presented by the DGfI and DGAKI task force Allergy & Immunology. *European Journal of Immunology*, **2022**, 52, 851-855<sup>61</sup>