

Johannes U Mayer

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,054
citations

623734

14
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

1923
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. <i>Immunity</i> , 2020, 52, 1039-1056.e9.	14.3	237
2	Dissecting cellular crosstalk by sequencing physically interacting cells. <i>Nature Biotechnology</i> , 2020, 38, 629-637.	17.5	187
3	Tissue-specific differentiation of colonic macrophages requires TGF β ² receptor-mediated signaling. <i>Mucosal Immunology</i> , 2017, 10, 1387-1399.	6.0	126
4	Different populations of CD11b+ dendritic cells drive Th2 responses in the small intestine and colon. <i>Nature Communications</i> , 2017, 8, 15820.	12.8	94
5	Panel Design and Optimization for High-Dimensional Immunophenotyping Assays Using Spectral Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2020, 92, e70.	3.7	84
6	Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote TH2 and inhibit TH17 cell polarization. <i>Nature Immunology</i> , 2021, 22, 1538-1550.	14.5	61
7	Single-Cell Analysis of Diverse Pathogen Responses Defines a Molecular Roadmap for Generating Antigen-Specific Immunity. <i>Cell Systems</i> , 2019, 8, 109-121.e6.	6.2	39
8	Intestinal-derived ILCs migrating in lymph increase IFN γ ³ production in response to Salmonella Typhimurium infection. <i>Mucosal Immunology</i> , 2021, 14, 717-727.	6.0	28
9	Dendritic cells in Th2 immune responses and allergic sensitization. <i>Immunology and Cell Biology</i> , 2020, 98, 807-818.	2.3	27
10	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> , 2020, 97, 824-831.	1.5	27
11	High-dimensional analysis of intestinal immune cells during helminth infection. <i>ELife</i> , 2020, 9, .	6.0	25
12	CRISPR/Cas9-mediated genome editing of <i>Schistosoma mansoni</i> acetylcholinesterase. <i>FASEB Journal</i> , 2021, 35, e21205.	0.5	21
13	Dendritic cells and the skin environment. <i>Current Opinion in Immunology</i> , 2020, 64, 56-62.	5.5	21
14	Dermal IRF4+ dendritic cells and monocytes license CD4+ T helper cells to distinct cytokine profiles. <i>Nature Communications</i> , 2020, 11, 5637.	12.8	18
15	Fate mapping analysis reveals a novel murine dermal migratory Langerhans-like cell population. <i>ELife</i> , 2021, 10, .	6.0	18
16	Defined Intestinal Regions Are Drained by Specific Lymph Nodes That Mount Distinct Th1 and Th2 Responses Against <i>Schistosoma mansoni</i> Eggs. <i>Frontiers in Immunology</i> , 2020, 11, 592325.	4.8	13
17	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> , 2019, 91, e64.	3.7	10
18	MRI-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. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3155-3170.	5.7	10

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19	Intratumoural administration of an NKT cell agonist with CpG promotes NKT cell infiltration associated with an enhanced antitumour response and abscopal effect. <i>Oncolmmunology</i> , 2022, 11, .	4.6	7
20	Commentary: Spatiotemporal Modeling of the Key Migratory Events During the Initiation of Adaptive Immunity. <i>Frontiers in Immunology</i> , 2019, 10, 2311.	4.8	0
21	Current research and unmet needs in allergy and immunology in Germany: report presented by the DGfI and DGAKI task force Allergy & Immunology. <i>European Journal of Immunology</i> , 2022, 52, 851-855.	2.9	0