

# Miguel Fribourg

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,188  
citations

471509

17  
h-index

414414

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding the Signaling of a GPCR Heteromeric Complex Reveals a Unifying Mechanism of Action of Antipsychotic Drugs. <i>Cell</i> , 2011, 147, 1011-1023.	28.9	271
2	Cytokine Response Is Determined by Duration of Receptor and Signal Transducers and Activators of Transcription 3 (STAT3) Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 2986-2993.	3.4	135
3	Single-cell analysis shows that paracrine signaling by first responder cells shapes the interferon- $\beta$ response to viral infection. <i>Science Signaling</i> , 2015, 8, ra16.	3.6	73
4	Innate Immune Response to Influenza Virus at Single-Cell Resolution in Human Epithelial Cells Revealed Paracrine Induction of Interferon Lambda 1. <i>Journal of Virology</i> , 2019, 93, .	3.4	65
5	Signaling through the Inhibitory Fc Receptor Fc $\gamma$ RIIB Induces CD8+ T Cell Apoptosis to Limit T Cell Immunity. <i>Immunity</i> , 2020, 52, 136-150.e6.	14.3	62
6	Interactive Big Data Resource to Elucidate Human Immune Pathways and Diseases. <i>Immunity</i> , 2015, 43, 605-614.	14.3	49
7	T-cell exhaustion correlates with improved outcomes in kidney transplant recipients. <i>Kidney International</i> , 2019, 96, 436-449.	5.2	49
8	Mechanism of PLC-Mediated Kir3 Current Inhibition. <i>Channels</i> , 2007, 1, 113-123.	2.8	45
9	Erythropoietin Receptor-Mediated Molecular Crosstalk Promotes T Cell Immunoregulation and Transplant Survival. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2377-2392.	6.1	44
10	Loss of decay-accelerating factor triggers podocyte injury and glomerulosclerosis. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	40
11	Interclass GPCR heteromerization affects localization and trafficking. <i>Science Signaling</i> , 2020, 13, .	3.6	28
12	Human Dendritic Cell Response Signatures Distinguish 1918, Pandemic, and Seasonal H1N1 Influenza Viruses. <i>Journal of Virology</i> , 2015, 89, 10190-10205.	3.4	27
13	Cross-signaling in metabotropic glutamate 2 and serotonin 2A receptor heteromers in mammalian cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 775-793.	2.8	26
14	The spatially resolved transcriptional profile of acute T cell-mediated rejection in a kidney allograft. <i>Kidney International</i> , 2022, 101, 131-136.	5.2	26
15	C5aR1 regulates migration of suppressive myeloid cells required for costimulatory blockade-induced murine allograft survival. <i>American Journal of Transplantation</i> , 2019, 19, 633-645.	4.7	25
16	C5aR1 regulates T follicular helper differentiation and chronic graft-versus-host disease bronchiolitis obliterans. <i>JCI Insight</i> , 2018, 3, .	5.0	24
17	T Cell Expression of C5a Receptor 2 Augments Murine Regulatory T Cell (TREG) Generation and TREG-Dependent Cardiac Allograft Survival. <i>Journal of Immunology</i> , 2018, 200, 2186-2198.	0.8	23
18	Single-cell stabilization method identifies gonadotrope transcriptional dynamics and pituitary cell type heterogeneity. <i>Nucleic Acids Research</i> , 2018, 46, 11370-11380.	14.5	21

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19	SHROOM3-FYN Interaction Regulates Nephritin Phosphorylation and Affects Albuminuria in Allografts. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2641-2657.	6.1	17
20	Interferon- $\gamma$ acts directly on T cells to prolong allograft survival by enhancing regulatory T cell induction through Foxp3 acetylation. <i>Immunity</i> , 2022, 55, 459-474.e7.	14.3	17
21	Mitochondrial localization and moderated activity are key to murine erythroid enucleation. <i>Blood Advances</i> , 2021, 5, 2490-2504.	5.2	16
22	CytoF-Enabled Analysis Identifies Class-Switched B Cells as the Main Lymphocyte Subset Associated With Disease Relapse in Children With Idiopathic Nephrotic Syndrome. <i>Frontiers in Immunology</i> , 2021, 12, 726428.	4.8	16
23	Regulatory Architecture of the L $\gamma$ T2 Gonadotrope Cell Underlying the Response to Gonadotropin-Releasing Hormone. <i>Frontiers in Endocrinology</i> , 2018, 9, 34.	3.5	15
24	G Protein-Coupled Receptor Signaling to Kir Channels in <i>Xenopus</i> Oocytes. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 987-995.	1.6	15
25	T-cell Exhaustion in Organ Transplantation. <i>Transplantation</i> , 2022, 106, 489-499.	1.0	14
26	Differential Modulation of Innate Immune Responses in Human Primary Cells by Influenza A Viruses Carrying Human or Avian Nonstructural Protein 1. <i>Journal of Virology</i> , 2019, 94, .	3.4	12
27	Erythropoietin administration expands regulatory T cells in patients with autoimmune hepatitis. <i>Journal of Autoimmunity</i> , 2021, 119, 102629.	6.5	8
28	Circulating B Cells With Memory and Antibody-Secreting Phenotypes Are Detectable in Pediatric Kidney Transplant Recipients Before the Development of Antibody-Mediated Rejection. <i>Transplantation Direct</i> , 2019, 5, e481.	1.6	6
29	Self-Assembled Lanthanide Antenna Glutathione Sensor for the Study of Immune Cells. <i>ACS Sensors</i> , 2022, 7, 322-330.	7.8	5
30	Distinct peripheral blood molecular signature emerges with successful tacrolimus withdrawal in kidney transplant recipients. <i>American Journal of Transplantation</i> , 2020, 20, 3477-3485.	4.7	4
31	SARS-CoV-2 pandemic and the need for transplant-oriented trials. <i>Transplant International</i> , 2020, 33, 966-968.	1.6	4
32	A case for the reuse and adaptation of mechanistic computational models to study transplant immunology. <i>American Journal of Transplantation</i> , 2020, 20, 355-361.	4.7	2
33	Repository Corticotropin Injections Promote Clinical Remission and Regulatory T Cell Expansion in Membranous Nephropathy. <i>Kidney International Reports</i> , 2021, 6, 2491-2495.	0.8	2
34	Elucidation of molecular kinetic schemes from macroscopic traces using system identification. <i>PLoS Computational Biology</i> , 2017, 13, e1005376.	3.2	1