

# Florian Kurth

## List of Publications by Year in Descending Order

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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.

88

papers

3,895

citations

28

h-index

62

g-index

107

ext. papers

6,708

ext. citations

14.4

avg, IF

5.08

L-index

#	Paper	IF	Citations
88	A proteomic survival predictor for COVID-19 patients in intensive care <b>2022</b> , 1, e0000007		6
87	mRNA booster immunization elicits potent neutralizing serum activity against the SARS-CoV-2 Omicron variant.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	85
86	Durability of omicron-neutralising serum activity after mRNA booster immunisation in older adults.. <i>Lancet Infectious Diseases</i> , <b>2022</b> ,	25.5	2
85	Cross-Variant Neutralizing Serum Activity after SARS-CoV-2 Breakthrough Infections.. <i>Emerging Infectious Diseases</i> , <b>2022</b> , 28,	10.2	1
84	Characterization of antimicrobial use and co-infections among hospitalized patients with COVID-19: a prospective observational cohort study.. <i>Infection</i> , <b>2022</b> , 1	5.8	2
83	In Vitro Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19.. <i>FASEB Journal</i> , <b>2022</b> , 36 Suppl 1,	0.9	1
82	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies.. <i>Journal of Clinical Immunology</i> , <b>2022</b> , 1	5.7	1
81	Complement activation induces excessive T cell cytotoxicity in severe COVID-19.. <i>Cell</i> , <b>2021</b> ,	56.2	9
80	Severity of respiratory failure and computed chest tomography in acute COVID-19 correlates with pulmonary function and respiratory symptoms after infection with SARS-CoV-2: An observational longitudinal study over 12 months. <i>Respiratory Medicine</i> , <b>2021</b> , 191, 106709	4.6	9
79	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis.. <i>Cell</i> , <b>2021</b> , 184, 6243-6261.e27	56.2	27
78	Altered fibrin clot structure and dysregulated fibrinolysis contribute to thrombosis risk in severe COVID-19. <i>Blood Advances</i> , <b>2021</b> ,	7.8	4
77	Long-term immunogenicity of BNT162b2 vaccination in older people and younger health-care workers. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, e104-e105	35.1	19
76	Untimely TGFβ responses in COVID-19 limit antiviral functions of NK cells. <i>Nature</i> , <b>2021</b> , 600, 295-301	50.4	26
75	Ultra-fast proteomics with Scanning SWATH. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 846-854	44.5	47
74	Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , <b>2021</b> , 49, 703-714	5.8	11
73	CD169/SIGLEC1 is expressed on circulating monocytes in COVID-19 and expression levels are associated with disease severity. <i>Infection</i> , <b>2021</b> , 49, 757-762	5.8	11
72	In vitro screening identifies TRPV4 as target for endothelial barrier stabilization in COVID-19. <i>FASEB Journal</i> , <b>2021</b> , 35,	0.9	78

71	Estimating infectiousness throughout SARS-CoV-2 infection course. <i>Science</i> , <b>2021</b> , 373,	33.3	172
70	Immunogenicity of COVID-19 Tozinameran Vaccination in Patients on Chronic Dialysis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 690698	8.4	28
69	Impact of dexamethasone on SARS-CoV-2 concentration kinetics and antibody response in hospitalized COVID-19 patients: results from a prospective observational study. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 1520.e7-1520.e10	9.5	2
68	A serum proteome signature to predict mortality in severe COVID-19 patients. <i>Life Science Alliance</i> , <b>2021</b> , 4,	5.8	14
67	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	17
66	A Dual-Antigen Enzyme-Linked Immunosorbent Assay Allows the Assessment of Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Seroprevalence in a Low-Transmission Setting. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 10-14	7	16
65	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 705-716	44.5	65
64	Breakdown in membrane asymmetry regulation leads to monocyte recognition of P. falciparum-infected red blood cells. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009259	7.6	8
63	SARS-CoV-2 Proteome-Wide Analysis Revealed Significant Epitope Signatures in COVID-19 Patients. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 629185	8.4	11
62	Cross-reactive CD4 T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , <b>2021</b> , 374, eabh1823	33.3	53
61	A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , <b>2021</b> , 12, 780-794.e7	10.6	32
60	Outbreak of SARS-CoV-2 B.1.1.7 Lineage after Vaccination in Long-Term Care Facility, Germany, February-March 2021. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27, 2169-2173	10.2	10
59	Safety, reactogenicity, and immunogenicity of homologous and heterologous prime-boost immunisation with ChAdOx1 nCoV-19 and BNT162b2: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 1255-1265	35.1	91
58	Delayed Antibody and T-Cell Response to BNT162b2 Vaccination in the Elderly, Germany. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27, 2174-2178	10.2	33
57	Early IFN- $\gamma$ Signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , <b>2021</b> , 54, 2650-2669.e14	32.3	31
56	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. <i>EClinicalMedicine</i> , <b>2021</b> , 40, 101099	11.3	9
55	Paediatric formulations of artemisinin-based combination therapies for treating uncomplicated malaria in children. <i>The Cochrane Library</i> , <b>2020</b> , 12, CD009568	5.2	2
54	Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. <i>Cell Systems</i> , <b>2020</b> , 11, 11-24.e4	10.6	219

53	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , <b>2020</b> , 48, 619-626	5.8	40
52	COVID-19 severity correlates with airway epithelium-immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 970-979	44.5	487
51	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , <b>2020</b> , 587, 270-274	50.4	688
50	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model <b>2020</b> ,		15
49	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. <i>Cell</i> , <b>2020</b> , 183, 1058-1069.e19	56.2	182
48	Evaluation of PEEP and prone positioning in early COVID-19 ARDS. <i>EClinicalMedicine</i> , <b>2020</b> , 28, 100579	11.3	26
47	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , <b>2020</b> , 182, 1419-1440.e23	36.2	558
46	RNAemia Corresponds to Disease Severity and Antibody Response in Hospitalized COVID-19 Patients. <i>Viruses</i> , <b>2020</b> , 12,	6.2	32
45	Prospective observational study on the pharmacokinetic properties of the Irrua ribavirin regimen used in routine clinical practice in patients with Lassa fever in Nigeria. <i>BMJ Open</i> , <b>2020</b> , 10, e036936	3	1
44	Disease Severity, Fever, Age, and Sex Correlate With SARS-CoV-2 Neutralizing Antibody Responses. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 628971	8.4	21
43	Brain magnetic resonance imaging in imported malaria. <i>Malaria Journal</i> , <b>2019</b> , 18, 74	3.6	5
42	Intravenous Artesunate for Imported Severe Malaria in Children Treated in Four Tertiary Care Centers in Germany: A Retrospective Study. <i>Pediatric Infectious Disease Journal</i> , <b>2019</b> , 38, e295-e300	3.4	5
41	Determinants of post-malarial anemia in African children treated with parenteral artesunate. <i>Scientific Reports</i> , <b>2019</b> , 9, 18134	4.9	3
40	Chronic oral ulceration and lip swelling after a long term stay in Guatemala: A diagnostic challenge. <i>Travel Medicine and Infectious Disease</i> , <b>2018</b> , 23, 103-104	8.4	2
39	Recognition of microbial viability via TLR8 drives T cell differentiation and vaccine responses. <i>Nature Immunology</i> , <b>2018</b> , 19, 386-396	19.1	93
38	Chronic airflow obstruction in Tanzania - a cross-sectional study. <i>BMC Pulmonary Medicine</i> , <b>2018</b> , 18, 11	3.5	3
37	Severe malaria in Europe: an 8-year multi-centre observational study. <i>Malaria Journal</i> , <b>2017</b> , 16, 57	3.6	37
36	Sentinel surveillance of imported dengue via travellers to Europe 2012 to 2014: TropNet data from the DengueTools Research Initiative. <i>Eurosurveillance</i> , <b>2017</b> , 22,	19.8	33

35	Schistosomiasis in European Travelers and Migrants: Analysis of 14 Years TropNet Surveillance Data. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 567-574	3.2	43
34	Pyronaridine-artesunate retreatment for malaria. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 136-7	25.5	
33	Reply to Jaureguiberry et al. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 271	11.6	1
32	Hemolysis after Oral Artemisinin Combination Therapy for Uncomplicated Plasmodium falciparum Malaria. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 1381-6	10.2	20
31	Intravenous Artesunate Reduces Parasite Clearance Time, Duration of Intensive Care, and Hospital Treatment in Patients With Severe Malaria in Europe: The TropNet Severe Malaria Study. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 1441-4	11.6	27
30	Continuous noninvasive monitoring of lung recruitment during high-frequency oscillatory ventilation by electrical impedance measurement: an animal study. <i>Neonatology</i> , <b>2013</b> , 103, 218-23	4	5
29	Paediatric Formulations of Artemisinin-Combination Therapies for Treating Uncomplicated Malaria in Children. <i>The Cochrane Library</i> , <b>2012</b> ,	5.2	1
28	Prospective evaluation of artemether-lumefantrine for the treatment of non-falciparum and mixed-species malaria in Gabon. <i>Malaria Journal</i> , <b>2012</b> , 11, 120	3.6	24
27	Pyronaridine: a new drug on the verge of entering the antimalarial armamentarium. <i>Expert Review of Anti-Infective Therapy</i> , <b>2011</b> , 9, 393-6	5.5	5
26	In vitro activity of antifungal drugs against Plasmodium falciparum field isolates. <i>Wiener Klinische Wochenschrift</i> , <b>2011</b> , 123 Suppl 1, 26-30	2.3	4
25	Current status of the clinical development and implementation of paediatric artemisinin combination therapies in Sub-Saharan Africa. <i>Wiener Klinische Wochenschrift</i> , <b>2011</b> , 123 Suppl 1, 7-9	2.3	6
24	High prevalence of dhfr triple mutant and correlation with high rates of sulphadoxine-pyrimethamine treatment failures in vivo in Gabonese children. <i>Malaria Journal</i> , <b>2011</b> , 10, 123	3.6	30
23	The use of paediatric artemisinin combinations in sub-Saharan Africa: a snapshot questionnaire survey of health care personnel. <i>Malaria Journal</i> , <b>2011</b> , 10, 365	3.6	4
22	Pyronaridine-artesunate combination therapy for the treatment of malaria. <i>Current Opinion in Infectious Diseases</i> , <b>2011</b> , 24, 564-9	5.4	17
21	Continuous non-invasive monitoring of tidal volumes by measurement of tidal impedance in neonatal piglets. <i>PLoS ONE</i> , <b>2011</b> , 6, e21003	3.7	8
20	Do paediatric drug formulations of artemisinin combination therapies improve the treatment of children with malaria? A systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , <b>2010</b> , 10, 125-32	25.5	36
19	Efficacy and safety of a new pediatric artesunate-mefloquine drug formulation for the treatment of uncomplicated falciparum malaria in Gabon. <i>Wiener Klinische Wochenschrift</i> , <b>2010</b> , 122, 173-8	2.3	20
18	Adolescence as risk factor for adverse pregnancy outcome in Central Africa—a cross-sectional study. <i>PLoS ONE</i> , <b>2010</b> , 5, e14367	3.7	58

17	No rebound of morbidity following intermittent preventive sulfadoxine-pyrimethamine treatment of malaria in infants in Gabon. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 200, 1658-61	7	10
16	Treatment of malaria in Austria: hazardous for patients or physicians?. <i>Wiener Klinische Wochenschrift</i> , <b>2009</b> , 121, 598	2.3	2
15	In vitro activity of pyronaridine against Plasmodium falciparum and comparative evaluation of anti-malarial drug susceptibility assays. <i>Malaria Journal</i> , <b>2009</b> , 8, 79	3.6	33
14	Fixed-dose pyronaridine-artesunate combination for treatment of uncomplicated falciparum malaria in pediatric patients in Gabon. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 198, 911-9	7	72
13	Pharmacokinetics of two paediatric artesunate mefloquine drug formulations in the treatment of uncomplicated falciparum malaria in Gabon. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 60, 1091-6	5.1	35
12	mRNA booster immunization elicits potent neutralizing serum activity against the SARS-CoV-2 Omicron variant		12
11	Clinical and Virological Characteristics of Hospitalized COVID-19 Patients in a German Tertiary Care Center during the First Wave of the SARS-CoV-2 Pandemic		1
10	Studying the pathophysiology of coronavirus disease 2019 [a] protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19)		4
9	Suppressive myeloid cells are a hallmark of severe COVID-19		10
8	A dual antigen ELISA allows the assessment of SARS-CoV-2 antibody seroprevalence in a low transmission setting		3
7	A time-resolved proteomic and diagnostic map characterizes COVID-19 disease progression and predicts outcome		6
6	Immunogenicity of COVID-19 Tozinameran Vaccination in Patients on Chronic Dialysis		4
5	Cross-reactive CD4+ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination		3
4	A proteomic survival predictor for COVID-19 patients in intensive care		1
3	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations		2
2	Long-term immunogenicity of BNT162b2 vaccination in the elderly and in younger health care workers		3
1	Delineating antibody escape from Omicron variants		2