

Christiane Fuchs

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.

44
papers

609
citations

14
h-index

24
g-index

48
ext. papers

820
ext. citations

5.4
avg, IF

3.82
L-index

#	Paper	IF	Citations
44	The interplay of viral loads, clinical presentation, and serological responses in SARS-CoV-2 - Results from a prospective cohort of outpatient COVID-19 cases.. <i>Virology</i> , 2022 , 569, 37-43	3.6	1
43	Identifiability analysis for models of the translation kinetics after mRNA transfection.. <i>Journal of Mathematical Biology</i> , 2022 , 84, 56	2	0
42	Head-to-head evaluation of seven different seroassays including direct viral neutralisation in a representative cohort for SARS-CoV-2. <i>Journal of General Virology</i> , 2021 , 102,	4.9	4
41	Bleeding complications in bcr-abl-negative myeloproliferative neoplasms (MPN): A retrospective single-center study of 829 MPN patients. <i>European Journal of Haematology</i> , 2021 , 108, 154	3.8	1
40	Prevalence and Risk Factors of Infection in the Representative COVID-19 Cohort Munich. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	19
39	stochprofML: stochastic profiling using maximum likelihood estimation in R. <i>BMC Bioinformatics</i> , 2021 , 22, 123	3.6	2
38	Broad T Cell Targeting of Structural Proteins After SARS-CoV-2 Infection: High Throughput Assessment of T Cell Reactivity Using an Automated Interferon Gamma Release Assay. <i>Frontiers in Immunology</i> , 2021 , 12, 688436	8.4	6
37	In Search of the SARS-CoV-2 Protection Correlate: Head-to-Head Comparison of Two Quantitative S1 Assays in Pre-characterized Oligo-/Asymptomatic Patients. <i>Infectious Diseases and Therapy</i> , 2021 , 10, 1505-1518	6.2	23
36	Significant association of cutaneous adverse events with hydroxyurea: results from a prospective non-interventional study in BCR-ABL1-negative myeloproliferative neoplasms (MPN) - on behalf of the German Study Group-MPN. <i>Leukemia</i> , 2021 , 35, 628-631	10.7	7
35	Asthma in farm children is more determined by genetic polymorphisms and in non-farm children by environmental factors. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 295-304	4.2	8
34	Ruxolitinib-treated polycythemia vera patients and their risk of secondary malignancies. <i>Annals of Hematology</i> , 2021 , 100, 2707-2716	3	5
33	From first to second wave: follow-up of the prospective COVID-19 cohort (KoCo19) in Munich (Germany). <i>BMC Infectious Diseases</i> , 2021 , 21, 925	4	3
32	CLUE: a bioinformatic and wet-lab pipeline for multiplexed cloning of custom sgRNA libraries. <i>Nucleic Acids Research</i> , 2020 , 48, e78	20.1	1
31	Protocol of a population-based prospective COVID-19 cohort study Munich, Germany (KoCo19). <i>BMC Public Health</i> , 2020 , 20, 1036	4.1	26
30	Adapted single-cell consensus clustering (adaSC3). <i>Advances in Data Analysis and Classification</i> , 2020 , 14, 885-896	1.8	0
29	Bayesian inference for diffusion processes: using higher-order approximations for transition densities. <i>Royal Society Open Science</i> , 2020 , 7, 200270	3.3	2
28	Impact of Brain Fatty Acid Signaling on Peripheral Insulin Action in Mice. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020 , 128, 20-29	2.3	1

27	An MCMC computational approach for a continuous time state-dependent regime switching diffusion process. <i>Journal of Applied Statistics</i> , 2020 , 47, 1354-1374	1	0
26	Pheno-seq - linking visual features and gene expression in 3D cell culture systems. <i>Scientific Reports</i> , 2019 , 9, 12367	4.9	10
25	Non parametric estimation for fractional diffusion processes with random effects. <i>Statistics</i> , 2019 , 53, 753-769	0.5	4
24	A strategy for high-dimensional multivariable analysis classifies childhood asthma phenotypes from genetic, immunological, and environmental factors. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1364-1373	9.3	16
23	High risk of recurrent venous thromboembolism in BCR-ABL-negative myeloproliferative neoplasms after termination of anticoagulation. <i>Annals of Hematology</i> , 2019 , 98, 93-100	3	20
22	netReg: network-regularized linear models for biological association studies. <i>Bioinformatics</i> , 2018 , 34, 896-898	7.2	5
21	A DREAM Challenge to Build Prediction Models for Short-Term Discontinuation of Docetaxel in Metastatic Castration-Resistant Prostate Cancer. <i>JCO Clinical Cancer Informatics</i> , 2017 , 1, 1-15	5.2	7
20	Prediction of overall survival for patients with metastatic castration-resistant prostate cancer: development of a prognostic model through a crowdsourced challenge with open clinical trial data. <i>Lancet Oncology, The</i> , 2017 , 18, 132-142	21.7	90
19	Correcting Classifiers for Sample Selection Bias in Two-Phase Case-Control Studies. <i>Computational and Mathematical Methods in Medicine</i> , 2017 , 2017, 7847531	2.8	6
18	CORALINA: a universal method for the generation of gRNA libraries for CRISPR-based screening. <i>BMC Genomics</i> , 2016 , 17, 917	4.5	10
17	Inferring catalysis in biological systems. <i>IET Systems Biology</i> , 2016 , 10, 210-218	1.4	1
16	Identifying latent dynamic components in biological systems. <i>IET Systems Biology</i> , 2015 , 9, 193-203	1.4	4
15	Atrx promotes heterochromatin formation at retrotransposons. <i>EMBO Reports</i> , 2015 , 16, 836-50	6.5	79
14	Inter-chromosomal contact networks provide insights into Mammalian chromatin organization. <i>PLoS ONE</i> , 2015 , 10, e0126125	3.7	23
13	Model selection using limiting distributions of second-order blind source separation algorithms. <i>Signal Processing</i> , 2015 , 113, 95-103	4.4	22
12	Bayesian blind source separation for data with network structure. <i>Journal of Computational Biology</i> , 2014 , 21, 855-65	1.7	3
11	Parameterizing cell-to-cell regulatory heterogeneities via stochastic transcriptional profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E626-35	11.5	29
10	Metabolite profiling reveals new insights into the regulation of serum urate in humans. <i>Metabolomics</i> , 2014 , 10, 141-151	4.7	36

9	Metabolomics reveals determinants of weight loss during lifestyle intervention in obese children. <i>Metabolomics</i> , 2013 , 9, 1157-1167	4.7	17
8	Dissection of cell cycle-dependent dynamics of Dnmt1 by FRAP and diffusion-coupled modeling. <i>Nucleic Acids Research</i> , 2013 , 41, 4860-76	20.1	46
7	Inference for Diffusion Processes 2013 ,		49
6	Application II: Analysis of Molecular Binding 2013 , 305-369		
5	Integrative modelling of reported case numbers and seroprevalence reveals time-dependent test efficiency and infection rates		2
4	A mechanistic model for the negative binomial distribution of single-cell mRNA counts		11
3	Three general concepts to improve risk prediction: good data, wisdom of the crowd, recalibration. <i>F1000Research</i> , 5, 2671	3.6	2
2	From first to second wave: follow-up of the prospective Covid-19 cohort (KoCo19) in Munich (Germany)		2
1	A Serology Strategy for Epidemiological Studies Based on the Comparison of the Performance of Seven Different Test Systems - The Representative COVID-19 Cohort Munich		6