Florian Frommlet

List of Publications by Year
in descending order

90 papers	1,683 citations	331538 21 h-index	330025 37 g-index
99 all docs	99 docs citations	99 times ranked	2568 citing authors

#	Article	IF	Citations
1	Multi-omics profiling predicts allograft function after lung transplantation. European Respiratory Journal, 2022, 59, 2003292.	3.1	16
2	Optical coherence tomography-measured retinal nerve fiber layer thickness values compensated with a multivariate model and discrimination between stable and progressing glaucoma suspects. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 225-233.	1.0	1
3	Lungs from polytrauma donors with significant chest trauma can be safely used for transplantation. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1719-1731.e2.	0.4	11
4	Preoperative buccal bone volume predicts long‑term graft retention following augmentation in the esthetic zone: A retrospective case series. Clinical Oral Implants Research, 2022, 33, 492-500.	1.9	3
5	A systematic review and meta-analysis of HLAÂclassÂII associations in patients with IgG4 autoimmunity. Scientific Reports, 2022, 12, .	1.6	8
6	Selecting predictive biomarkers from genomic data. PLoS ONE, 2022, 17, e0269369.	1.1	1
7	Experimental replications in animal trials. Laboratory Animals, 2021, 55, 65-75.	0.5	13
8	Donor ventilation parameters as predictors for length of mechanical ventilation after lung transplantation: Results of a prospective multicenter study. Journal of Heart and Lung Transplantation, 2021, 40, 33-41.	0.3	9
9	A volumetric prediction model for postoperative cyst shrinkage. Clinical Oral Investigations, 2021, 25, 6093-6099.	1.4	3
10	Parathyroid Hormone Concentrations in Maintenance Hemodialysis: Longitudinal Evaluation of Intact and Biointact Assays. Kidney Medicine, 2021, 3, 343-352.e1.	1.0	0
11	Engagement in purposeful activities and social interactions amongst persons with dementia in special care units compared to traditional nursing homes: An observational study. Scandinavian Journal of Caring Sciences, 2021, , .	1.0	5
12	APRIL limits atherosclerosis by binding to heparan sulfate proteoglycans. Nature, 2021, 597, 92-96.	13.7	38
13	Resonance frequency analysis of implants placed in condensed bone. Clinical Oral Implants Research, 2021, 32, 1200-1208.	1.9	6
14	A new nomogram to predict the need for tracheostomy in burned patients. European Archives of Oto-Rhino-Laryngology, 2021, 278, 3479-3488.	0.8	5
15	Antibody Response and Safety After mRNA-1273 SARS-CoV-2 Vaccination in Peritoneal Dialysis Patients â€" the Vienna Cohort. Frontiers in Immunology, 2021, 12, 780594.	2.2	7
16	Anti-Neuronal IgG4 Autoimmune Diseases and IgG4-Related Diseases May Not Be Part of the Same Spectrum: A Comparative Study. Frontiers in Immunology, 2021, 12, 785247.	2.2	13
17	A Novel Algorithmic Approach to Bayesian Logic Regression (with Discussion). Bayesian Analysis, 2020, 15, .	1.6	7
18	Cardiovascular events associate with diabetes status rather than with early basal insulin treatment for the prevention of post-transplantation diabetes mellitus. Nephrology Dialysis Transplantation, 2020, 35, 544-546.	0.4	10

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19	Improving reproducibility in animal research. Scientific Reports, 2020, 10, 19239.	1.6	14
20	Influence of antenatal corticosteroid lung maturation on maternal inflammatory parameters. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-3.	0.7	0
21	Implementation of a nurse-led self-management support intervention for patients with cancer-related pain: a cluster randomized phase-IV study with a stepped wedge design (EvANtiPain). BMC Cancer, 2020, 20, 559.	1.1	4
22	Long-Term Effect of Half-Fluence Photodynamic Therapy on Fundus Autofluorescence in Acute Central Serous Chorioretinopathy. Journal of Ophthalmology, 2020, 2020, 1-7.	0.6	1
23	Bioimpedance spectroscopy for fluid status assessment in patients with decompensated liver cirrhosis: Implications for peritoneal dialysis. Scientific Reports, 2020, 10, 2869.	1.6	5
24	Comments on: Hierarchical inference for genome-wide association studies: a view on methodology with software by F. Frommlet and M. G. Schimek. Computational Statistics, 2020, 35, 47-49.	0.8	0
25	3D Models in the Diagnosis of Subglottic Airway Stenosis. Annals of Thoracic Surgery, 2019, 107, 1860-1865.	0.7	18
26	Twenty-year experience with extracorporeal life support as bridge to lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 2515-2525.e10.	0.4	82
27	Peripheral nerve transfers change target muscle structure and function. Science Advances, 2019, 5, eaau2956.	4.7	46
28	Month-of-birth-effect in multiple sclerosis in Austria. Multiple Sclerosis Journal, 2019, 25, 1870-1877.	1.4	6
29	Intraoperative extracorporeal membrane oxygenation and the possibility of postoperative prolongation improve survival in bilateral lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2193-2206.e3.	0.4	167
30	Efficacy and safety of 4 months of sublingual immunotherapy with recombinant Mal d 1 and Bet v 1 in patients with birch pollen–related apple allergy. Journal of Allergy and Clinical Immunology, 2018, 141, 1002-1008.	1.5	56
31	A Functional Regression Model of the Retinal Nerve Fiber Layer Thickness in Healthy Subjects. Translational Vision Science and Technology, 2018, 7, 9.	1.1	0
32	GWAS with Heterogeneous Data: Estimating the Fraction of Phenotypic Variation Mediated by Gene Expression Data. G3: Genes, Genomes, Genetics, 2018, 8, 3059-3068.	0.8	28
33	Novel Tenascin-C Haplotype Modifies the Risk for a Failure to Heal After Rotator Cuff Repair. American Journal of Sports Medicine, 2017, 45, 2955-2964.	1.9	18
34	Intravenous Fluid Challenge Decreases Intracellular Volume: A Bioimpedance Spectroscopy-Based Crossover Study in Healthy Volunteers. Scientific Reports, 2017, 7, 9644.	1.6	8
35	Joint genotype‐and ancestry‐based genome‐wide association studies in admixed populations. Genetic Epidemiology, 2017, 41, 555-566.	0.6	11
36	Bayesian and frequentist analysis of an Austrian genome-wide association study of colorectal cancer and advanced adenomas. Oncotarget, 2017, 8, 98623-98634.	0.8	23

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37	Quantitative Analysis of Mutant Subclones in Chronic Myeloid Leukemia: Comparison of Different Methodological Approaches. International Journal of Molecular Sciences, 2016, 17, 642.	1.8	4
38	Fallback tests for co‐primary endpoints. Statistics in Medicine, 2016, 35, 2669-2686.	0.8	13
39	Statistical Analysis of GWAS. Computational Biology, 2016, , 105-161.	0.1	0
40	Phenotypes and Genotypes. Computational Biology, 2016, , .	0.1	11
41	A Primer in Genetics. Computational Biology, 2016, , 9-30.	0.1	0
42	Statistical Methods of QTL Mapping for Experimental Populations. Computational Biology, 2016, , 73-104.	0.1	2
43	An Adaptive Ridge Procedure for L0 Regularization. PLoS ONE, 2016, 11, e0148620.	1.1	40
44	Some Properties of a Recently Introduced Approach to Ordinal Regression. Austrian Journal of Statistics, 2016, 39, .	0.2	1
45	Appendix C: Principles of Statistical Testing. Computational Biology, 2016, , 179-206.	0.1	1
46	Appendix A: Basic Statistical Distributions. Computational Biology, 2016, , 163-172.	0.1	0
47	Appendix B: Basic Methods of Estimation. Computational Biology, 2016, , 173-178.	0.1	0
48	Appendix E: Other Statistical Methods. Computational Biology, 2016, , 215-217.	0.1	0
49	Statistical Methods in High Dimensions. Computational Biology, 2016, , 31-72.	0.1	0
50	Appendix D: Elements of Bayesian Statistics. Computational Biology, 2016, , 207-213.	0.1	0
51	Multivariate Model of the Intersubject Variability of the Retinal Nerve Fiber Layer Thickness in Healthy Subjects. , 2015, 56, 5290.		15
52	Sex estimation using the femur of Austrians born in the 19th to the middle of the 20th century. Anthropologischer Anzeiger, 2015, 72, 117-127.	0.2	18
53	Analyzing Genome-Wide Association Studies with an FDR Controlling Modification of the Bayesian Information Criterion. PLoS ONE, 2014, 9, e103322.	1.1	18
54	Some optimality properties of FDR controlling rules under sparsity. Electronic Journal of Statistics, 2013, 7, .	0.4	8

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55	QTL Mapping Using a Memetic Algorithm with Modifications of BIC as Fitness Function. Statistical Applications in Genetics and Molecular Biology, 2012, 11, Article 2.	0.2	6
56	The EuroChimerism concept for a standardized approach to chimerism analysis after allogeneic stem cell transplantation. Leukemia, 2012, 26, 1821-1828.	3.3	83
57	MH2c: Characterization of major histocompatibility Î±-helices â€" an information criterion approach. Computer Physics Communications, 2012, 183, 1481-1490.	3.0	11
58	Modified versions of Bayesian Information Criterion for genome-wide association studies. Computational Statistics and Data Analysis, 2012, 56, 1038-1051.	0.7	28
59	Modifications of BIC for data mining under sparsity. Operations Research Proceedings: Papers of the Annual Meeting = VortrÃge Der Jahrestagung / DGOR, 2012, , 243-248.	0.1	0
60	Asymptotic Bayes-optimality under sparsity of some multiple testing procedures. Annals of Statistics, 2011, 39, .	1.4	61
61	Copositivity cuts for improving SDP bounds on the clique number. Mathematical Programming, 2010, 124, 13-32.	1.6	12
62	Tag SNP selection based on clustering according to dominant sets found using replicator dynamics. Advances in Data Analysis and Classification, 2010, 4, 65-83.	0.9	16
63	The prevalence of hypertension, obesity and dyslipidemia in individuals of over 30 years of age belonging to minorities from the pasture area of Xinjiang. BMC Public Health, 2010, 10, 91.	1.2	35
64	Gap, cosum and product properties of the $\hat{\vartheta}$ bound on the clique number. Optimization, 2010, 59, 1041-1051.	1.0	7
65	Differentiation of nonalcoholic from alcoholic steatohepatitis: are routine laboratory markers useful?. Wiener Klinische Wochenschrift, 2008, 120, 25-30.	1.0	11
66	Extending the Modified Bayesian Information Criterion (mBIC) to Dense Markers and Multiple Interval Mapping. Biometrics, 2008, 64, 1162-1169.	0.8	21
67	Quantitative monitoring of cell clones carrying point mutations in the BCRâ€"ABL tyrosine kinase domain by ligation-dependent polymerase chain reaction (LDâ€"PCR). Leukemia, 2008, 22, 1956-1961.	3.3	19
68	Challenging a dogma â€" Surgery yields superior long-term results for T1a squamous cell carcinoma of the glottic larynx compared to radiotherapy. European Journal of Surgical Oncology, 2008, 34, 692-698.	0.5	52
69	Risk-Adjusted Outcome Measurement in Pediatric Allogeneic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2008, 14, 335-343.	2.0	22
70	Evaluation of Biological Variance of Cystatin C in Comparison With Other Endogenous Markers of Glomerular Filtration Rate in Healthy Dogs. Journal of Veterinary Internal Medicine, 2007, 21, 936-942.	0.6	25
71	The end of submacular surgery for age-related macular degeneration? A meta-analysis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 490-501.	1.0	28
72	Evaluation of Biological Variance of Cystatin C in Comparison With Other Endogenous Markers of Glomerular Filtration Rate in Healthy Dogs. Journal of Veterinary Internal Medicine, 2007, 21, 936.	0.6	14

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73	On Locating Multiple Interacting Quantitative Trait Loci in Intercross Designs. Genetics, 2006, 173, 1693-1703.	1.2	46
74	Effects of mydriatics on intraocular pressure and pupil size in the normal feline eye. Veterinary Ophthalmology, 2006, 9, 233-237.	0.6	36
75	Power analysis of database search using multiple scoring matrices. Computational Statistics and Data Analysis, 2006, 51, 1656-1663.	0.7	0
76	Improved SDP bounds for minimizing quadratic functions over the $$ell^{1}$$ -ball. Optimization Letters, 2006, 1, 49-59.	0.9	7
77	Younger birth cohort correlates with higher breast and ovarian cancer risk in EuropeanBRCA1 mutation carriers. Human Mutation, 2005, 26, 583-589.	1.1	20
78	Influence of outlying values and variations between sampling days on reference ranges for clinical chemistry in budgerigars (<i>Melopsittacus undulatus</i>). Veterinary Record, 2005, 156, 310-314.	0.2	4
79	Circadian and seasonal variability and influence of sex and race on eight clinical chemistry parameters in budgerigars (Melopsittacus undulatus, Shaw 1805). Research in Veterinary Science, 2005, 78, 85-91.	0.9	15
80	On the significance of sequence alignments when using multiple scoring matrices. Bioinformatics, 2004, 20, 881-887.	1.8	10
81	On the Dependence Structure of Sequence Alignment Scores Calculated with Multiple Scoring Matrices. Statistical Applications in Genetics and Molecular Biology, 2004, 3, 1-12.	0.2	1
82	Circulating myeloid colony-forming cells predict survival in myelodysplastic syndromes. Annals of Hematology, 2003, 82, 271-277.	0.8	13
83	Motility-related protein-1/CD9 expression in head and neck squamous cell carcinoma. Head and Neck, 2003, 25, 848-857.	0.9	38
84	Pre-emptive treatment of CMV DNAemia in paediatric stem cell transplantation: the impact of recipient and donor CMV serostatus on the incidence of CMV disease and CMV-related mortality. Bone Marrow Transplantation, 2003, 31, 803-808.	1.3	40
85	Lineage-specific chimaerism after stem cell transplantation in children following reduced intensity conditioning: potential predictive value of NK cell chimaerism for late graft rejection. Leukemia, 2003, 17, 1934-1942.	3.3	57
86	Platelets are mitogenic for periosteumâ€derived cells. Journal of Orthopaedic Research, 2003, 21, 941-948.	1.2	73
87	ON ASYMPTOTIC ERROR EXPANSIONS FOR SINGULAR BOUNDARY VALUE PROBLEMS. Mathematical Models and Methods in Applied Sciences, 2001, 11, 71-85.	1.7	7
88	Fokkerâ€"Planck Equations as Scaling Limits of Reversible Quantum Systems. Journal of Statistical Physics, 2000, 100, 543-601.	0.5	53
89	A Wignerfunction Approach to Phonon Scattering. VLSI Design, 1999, 9, 339-350.	0.5	26
90	Flexible Bayesian Nonlinear Model Configuration. Journal of Artificial Intelligence Research, 0, 72, 901-942.	7.0	1