Matthias Schmid

List of Publications by Year
in descending order

210 papers	7,173 citations	81900 39 h-index	85541 71 g-index
224 all docs	224 docs citations	224 times ranked	10934 citing authors

#	Article	IF	Citations
1	New insights into the genetic etiology of Alzheimer's disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
2	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
3	Lomustine-temozolomide combination therapy versus standard temozolomide therapy in patients with newly diagnosed glioblastoma with methylated MGMT promoter (CeTeG/NOA–09): a randomised, open-label, phase 3 trial. Lancet, The, 2019, 393, 678-688.	13.7	384
4	A review of spline function procedures in R. BMC Medical Research Methodology, 2019, 19, 46.	3.1	288
5	Infection fatality rate of SARS-CoV2 in a super-spreading event in Germany. Nature Communications, 2020, 11, 5829.	12.8	207
6	Prevalence and incidence of age-related macular degeneration in Europe: a systematic review and meta-analysis. British Journal of Ophthalmology, 2020, 104, 1077-1084.	3.9	176
7	Model-based boosting in R: a hands-on tutorial using the R package mboost. Computational Statistics, 2014, 29, 3-35.	1.5	169
8	Skin Sodium Concentration Correlates with Left Ventricular Hypertrophy in CKD. Journal of the American Society of Nephrology: JASN, 2017, 28, 1867-1876.	6.1	157
9	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417.	12.8	140
10	Disease burden and risk profile in referred patients with moderate chronic kidney disease: composition of the German Chronic Kidney Disease (GCKD) cohort. Nephrology Dialysis Transplantation, 2015, 30, 441-451.	0.7	132
11	The German Chronic Kidney Disease (GCKD) study: design and methods. Nephrology Dialysis Transplantation, 2012, 27, 1454-1460.	0.7	127
12	Approaches to Regularized Regression – A Comparison between Gradient Boosting and the Lasso. Methods of Information in Medicine, 2016, 55, 422-430.	1.2	114
13	State of the art in selection of variables and functional forms in multivariable analysis—outstanding issues. Diagnostic and Prognostic Research, 2020, 4, 3.	1.8	114
14	Directional Kinetics of Geographic Atrophy Progression in Age-Related Macular Degeneration with Foveal Sparing. Ophthalmology, 2015, 122, 1356-1365.	5.2	104
15	Polyphenol exposure and risk of type 2 diabetes: dose-response meta-analyses and systematic review of prospective cohort studies. American Journal of Clinical Nutrition, 2018, 108, 49-61.	4.7	103
16	Generalized Additive Models for Location, Scale and Shape for High Dimensional Data—A Flexible Approach Based on Boosting. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 403-427.	1.0	101
17	Boosting additive models using component-wise P-Splines. Computational Statistics and Data Analysis, 2008, 53, 298-311.	1.2	99
18	Prevalence, incidence and future projection of diabetic eye disease in Europe: a systematic review and meta-analysis. European Journal of Epidemiology, 2020, 35, 11-23.	5.7	99

#	Article	IF	Citations
19	Boosting the Concordance Index for Survival Data â€" A Unified Framework To Derive and Evaluate Biomarker Combinations. PLoS ONE, 2014, 9, e84483.	2.5	84
20	Patterns of medication use and the burden of polypharmacy in patients with chronic kidney disease: the German Chronic Kidney Disease study. CKJ: Clinical Kidney Journal, 2019, 12, 663-672.	2.9	82
21	Modeling Discrete Time-to-Event Data. Springer Series in Statistics, 2016, , .	0.9	79
22	A Framework for Unbiased Model Selection Based on Boosting. Journal of Computational and Graphical Statistics, 2011, 20, 956-971.	1.7	73
23	MACUSTAR: Development and Clinical Validation of Functional, Structural, and Patient-Reported Endpoints in Intermediate Age-Related Macular Degeneration. Ophthalmologica, 2019, 241, 61-72.	1.9	71
24	Prevalence of multimorbidity in Germany: impact of age and educational level in a cross-sectional study on 19,294 adults. BMC Public Health, 2017, 17, 826.	2.9	69
25	TRPV4 channels contribute to calcium transients in astrocytes and neurons during periâ€infarct depolarizations in a stroke model. Glia, 2017, 65, 1550-1561.	4.9	66
26	Longitudinal Analysis of Progression in Glaucoma Using Spectral-Domain Optical Coherence Tomography. , 2013, 54, 3613.		65
27	Machine learning versus statistical modeling. Biometrical Journal, 2014, 56, 588-593.	1.0	65
28	A statistical model for the analysis of beta values in DNA methylation studies. BMC Bioinformatics, 2016, 17, 480.	2.6	62
29	On the use of Harrellâ€™s C for clinical risk prediction via random survival forests. Expert Systems With Applications, 2016, 63, 450-459.	7.6	60
30	Progression of Late-Onset Stargardt Disease. , 2016, 57, 5186.		57
31	Prospective Associations between Single Foods, Alzheimerâ€™s Dementia and Memory Decline in the Elderly. Nutrients, 2018, 10, 852.	4.1	57
32	Benchmark of filter methods for feature selection in high-dimensional gene expression survival data. Briefings in Bioinformatics, 2022, 23, .	6.5	57
33	Applying additive modelling and gradient boosting to assess the effects of watershed and reach characteristics on riverine assemblages. Methods in Ecology and Evolution, 2012, 3, 116-128.	5.2	55
34	Mitochondrial DNA copy number is associated with mortality and infections in a large cohort of patients with chronic kidney disease. Kidney International, 2019, 96, 480-488.	5.2	53
35	Bias in Cross-Entropy-Based Training of Deep Survival Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3126-3137.	13.9	49
36	Flexible boosting of accelerated failure time models. BMC Bioinformatics, 2008, 9, 269.	2.6	48

#	Article	IF	Citations
37	Developmental trajectories of body mass index from childhood into late adolescence and subsequent late adolescenceâ€"young adulthood cardiometabolic risk markers. Cardiovascular Diabetology, 2019, 18, 9.	6.8	46
38	Type 1 Choroidal Neovascularization Is Associated with Reduced Localized Progression of Atrophy in Age-Related Macular Degeneration. Ophthalmology Retina, 2020, 4, 238-248.	2.4	46
39	Boosted Beta Regression. PLoS ONE, 2013, 8, e61623.	2.5	46
40	Prevalence and comorbidity of osteoporosisâ€" a cross-sectional analysis on 10,660 adults aged 50Âyears and older in Germany. BMC Musculoskeletal Disorders, 2018, 19, 144.	1.9	44
41	PROGNOSTIC VALUE OF SHAPE-DESCRIPTIVE FACTORS FOR THE PROGRESSION OF GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. Retina, 2019, 39, 1527-1540.	1.7	44
42	Incidence of Rhegmatogenous Retinal Detachment in Europe â€" A Systematic Review and Meta-Analysis. Ophthalmologica, 2019, 242, 81-86.	1.9	43
43	PLCG2 protective variant p.P522R modulates tau pathology and disease progression in patients with mild cognitive impairment. Acta Neuropathologica, 2020, 139, 1025-1044.	7.7	40
44	Choroidal Flow Signal in Late-Onset Stargardt Disease and Age-Related Macular Degeneration: An OCT-Angiography Study. , 2018, 59, AMD122.		38
45	Artificial intelligence for morphology-based function prediction in neovascular age-related macular degeneration. Scientific Reports, 2019, 9, 11132.	3.3	37
46	Regional Brain and Spinal Cord Volume Loss in Spinocerebellar Ataxia Type 3. Movement Disorders, 2021, 36, 2273-2281.	3.9	37
47	Combined Fundus Autofluorescence and Near Infrared Reflectance as Prognostic Biomarkers for Visual Acuity in Foveal-Sparing Geographic Atrophy. , 2017, 58, BIO61.		36
48	Gradient boosting for distributional regression: faster tuning and improved variable selection via noncyclical updates. Statistics and Computing, 2018, 28, 673-687.	1.5	36
49	Adverse effects of ketoconazole in dogs â€" a retrospective study. Veterinary Dermatology, 2008, 19, 199-208.	1.2	35
50	A comparison of estimators to evaluate the discriminatory power of timeâ€toâ€event models. Statistics in Medicine, 2012, 31, 2588-2609.	1.6	35
51	Determinants of Cone and Rod Functions in Geographic Atrophy: AI-Based Structure-Function Correlation. American Journal of Ophthalmology, 2020, 217, 162-173.	3.3	35
52	gamboostLSS: An <i>R</i> Package for Model Building and Variable Selection in the GAMLSS Framework. Journal of Statistical Software, 2016, 74, .	3.7	35
53	Frequent LPA KIV-2 Variants Lower Lipoprotein(a) Concentrations and Protect Against Coronary Artery Disease. Journal of the American College of Cardiology, 2021, 78, 437-449.	2.8	34
54	Measurement of amniotic fluid steroids of midgestation via LCâ€"MS/MS. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 155-160.	2.5	33

#	Article	IF	Citations
55	Developing and testing temperature models for regulated systems: A case study on the Upper Delaware River. Journal of Hydrology, 2014, 519, 588-598.	5.4	32
56	Determinants of Quality of Life in Geographic Atrophy Secondary to Age-Related Macular Degeneration. , 2020, 61, 63.		30
57	Prevalence, Natural Course, and Prognostic Role of Refractile Drusen in Age-Related Macular Degeneration. , 2017, 58, 2198.		29
58	Cobalt release from earrings and piercing jewellery â€" analytical results of a <scp>G</scp>erman survey. Contact Dermatitis, 2014, 70, 369-375.	1.4	28
59	Comparative study of image quality and radiation dose of cone beam and low-dose multislice computed tomography - an in-vitro investigation. Clinical Oral Investigations, 2014, 18, 301-311.	3.0	28
60	Semiparametric regression for discrete time-to-event data. Statistical Modelling, 2018, 18, 322-345.	1.1	27
61	Frequent Adverse Drug Reactions, and Medication Groups under Suspicion. Deutsches A&#x0308;rzteblatt International, 2018, 115, 393-400.	0.9	27
62	Geoadditive regression modeling of stream biological condition. Environmental and Ecological Statistics, 2011, 18, 709-733.	3.5	26
63	Reproducible research in statistics: A review and guidelines for the <i>Biometrical Journal</i>. Biometrical Journal, 2016, 58, 416-427.	1.0	26
64	Differential Disease Progression in Atrophic Age-Related Macular Degeneration and Late-Onset Stargardt Disease. , 2017, 58, 1001.		26
65	Comparison of two-stage revision arthroplasty and intramedullary arthrodesis in patients with failed infected knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1443-1452.	2.4	26
66	Subdistribution hazard models for competing risks in discrete time. Biostatistics, 2020, 21, 449-466.	1.5	26
67	Boosting the discriminatory power of sparse survival models via optimization of the concordance index and stability selection. BMC Bioinformatics, 2016, 17, 288.	2.6	25
68	Bone Conduction After Stapes Surgery. Otology and Neurotology, 2013, 34, 821-826.	1.3	23
69	Implementation of the KDIGO guideline on lipid management requires a substantial increase in statin prescription rates. Kidney International, 2015, 88, 1411-1418.	5.2	23
70	Association Between Dietary Patterns and Kidney Function in Patients With Chronic Kidney Disease: A Cross-Sectional Analysis of the German Chronic Kidney Disease Study. , 2020, 30, 296-304.		23
71	Adverse drug reactions in older adults: a retrospective comparative analysis of spontaneous reports to the German Federal Institute for Drugs and Medical Devices. BMC Pharmacology & Toxicology, 2020, 21, 25.	2.4	23
72	Machine Learningâ€"Based Deep Phenotyping of Atopic Dermatitis. JAMA Dermatology, 2021, 157, 1414.	4.1	23

#	ARTICLE	IF	CITATIONS
73	Modeling Visual Acuity in Geographic Atrophy Secondary to Age-Related Macular Degeneration. Ophthalmologica, 2016, 235, 215-224.	1.9	22
74	Assessment of Exudative Activity of Choroidal Neovascularization in Age-Related Macular Degeneration by OCT Angiography. Ophthalmologica, 2020, 243, 120-128.	1.9	22
75	Urine Metabolite Levels, Adverse Kidney Outcomes, and Mortality in CKD Patients: A Metabolome-wide Association Study. American Journal of Kidney Diseases, 2021, 78, 669-677.e1.	1.9	22
76	Estimation and regularization techniques for regression models with multidimensional prediction functions. Statistics and Computing, 2010, 20, 139-150.	1.5	21
77	A survival tree method for the analysis of discrete event times in clinical and epidemiological studies. Statistics in Medicine, 2016, 35, 734-751.	1.6	21
78	Clinical study protocol for a low-interventional study in intermediate age-related macular degeneration developing novel clinical endpoints for interventional clinical trials with a regulatory and patient access intentionâ€"MACUSTAR. Trials, 2020, 21, 659.	1.6	21
79	A Predictive Model for Progression of CKD to Kidney Failure Based on Routine Laboratory Tests. American Journal of Kidney Diseases, 2022, 79, 217-230.e1.	1.9	21
80	Blood pressure control in chronic kidney disease: A cross-sectional analysis from the German Chronic Kidney Disease (GCKD) study. PLoS ONE, 2018, 13, e0202604.	2.5	20
81	Glycaemic control and antidiabetic therapy in patients with diabetes mellitus and chronic kidney disease â€" cross-sectional data from the German Chronic Kidney Disease (GCKD) cohort. BMC Nephrology, 2016, 17, 59.	1.8	18
82	Eicosapentaenoic Acid Is Associated with Decreased Incidence of Alzheimerâ€™s Dementia in the Oldest Old. Nutrients, 2021, 13, 461.	4.1	18
83	Dose Reduction of the Female Breast in Chest CT. American Journal of Roentgenology, 2014, 202, W447-W452.	2.2	17
84	Light Sensitivity Within Areas of Geographic Atrophy Secondary to Age-Related Macular Degeneration. , 2019, 60, 3992.		17
85	Prognostic value of intermediate age-related macular degeneration phenotypes for geographic atrophy progression. British Journal of Ophthalmology, 2021, 105, 239-245.	3.9	17
86	A Robust Alternative to the Schemper-Henderson Estimator of Prediction Error. Biometrics, 2011, 67, 524-535.	1.4	16
87	On the validity of time-dependent AUC estimators. Briefings in Bioinformatics, 2015, 16, 153-168.	6.5	16
88	A permutation test to analyse systematic bias and random measurement errors of medical devices via boosting location and scale models. Statistical Methods in Medical Research, 2017, 26, 1443-1460.	1.5	16
89	Health status, health-related quality of life, and socioeconomic outcome in childhood brain tumor survivors: a German cohort study. Neuro-Oncology, 2019, 21, 1069-1081.	1.2	16
90	Results from the German Chronic Kidney Disease (GCKD) study support association of relative telomere length with mortality in a large cohort of patients with moderate chronic kidney disease. Kidney International, 2020, 98, 488-497.	5.2	16

#	Article	IF	Citations
91	Landmarks of the Frankfort horizontal plane. Journal of Orofacial Orthopedics, 2016, 77, 373-383.	1.3	15
92	Longitudinal relationship of amino acids and indole metabolites with long-term body mass index and cardiometabolic risk markers in young individuals. Scientific Reports, 2020, 10, 6399.	3.3	15
93	Boosting joint models for longitudinal and timeâ€toâ€event data. Biometrical Journal, 2017, 59, 1104-1121.	1.0	14
94	Prevalence of Retinal Vein Occlusion in Europe: A Systematic Review and Meta-Analysis. Ophthalmologica, 2019, 241, 183-189.	1.9	14
95	Low adherence to CKD-specific dietary recommendations associates with impaired kidney function, dyslipidemia, and inflammation. European Journal of Clinical Nutrition, 2021, 75, 1389-1397.	2.9	14
96	Analysis of the reporting of adverse drug reactions in children and adolescents in Germany in the time period from 2000 to 2019. PLoS ONE, 2021, 16, e0247446.	2.5	14
97	Strong age but weak sex effects in eye movement performance in the general adult population: Evidence from the Rhineland Study. Vision Research, 2021, 178, 124-133.	1.4	14
98	Symmetrically Dividing Cells of the Fission Yeast Schizosaccharomyces Pombe Do Age. Biogerontology, 2006, 7, 261-267.	3.9	13
99	Thin-Slice MDCT of the Neck: Impact on Cancer Staging. American Journal of Roentgenology, 2008, 190, 785-789.	2.2	13
100	Intrauterine growth restriction promotes vascular remodelling following carotid artery ligation in rats. Clinical Science, 2012, 123, 437-444.	4.3	13
101	On the potential of models for location and scale for genome-wide DNA methylation data. BMC Bioinformatics, 2014, 15, 232.	2.6	13
102	Correlation of short-term variation and Doppler parameters with adverse perinatal outcome in low-risk fetuses at term. Archives of Gynecology and Obstetrics, 2019, 299, 411-420.	1.7	13
103	Lifetime Outcomes of Antiâ€"Vascular Endothelial Growth Factor Treatment for Neovascular Age-Related Macular Degeneration. JAMA Ophthalmology, 2020, 138, 1234.	2.5	13
104	Blood Metabolomic Profiling Confirms and Identifies Biomarkers of Food Intake. Metabolites, 2020, 10, 468.	2.9	13
105	Maternal and neonatal outcome of births planned in alongside midwifery units: a cohort study from a tertiary center in Germany. BMC Pregnancy and Childbirth, 2020, 20, 267.	2.4	13
106	Association of Reading Performance in Geographic Atrophy Secondary to Age-Related Macular Degeneration With Visual Function and Structural Biomarkers. JAMA Ophthalmology, 2021, 139, 1191.	2.5	13
107	Physical Activity, Incidence, and Progression of Age-Related Macular Degeneration: A Multicohort Study. American Journal of Ophthalmology, 2022, 236, 99-106.	3.3	13
108	Ensemble classification of paired data. Computational Statistics and Data Analysis, 2011, 55, 1933-1941.	1.2	12

#	Article	IF	Citations
109	Long-term dietary intake from infancy to late adolescence is associated with gut microbiota composition in young adulthood. American Journal of Clinical Nutrition, 2021, 113, 647-656.	4.7	12
110	Techniques to Improve Ecological Interpretability of Black-Box Machine Learning Models. Journal of Agricultural, Biological, and Environmental Statistics, 2022, 27, 175-197.	1.4	12
111	Road traffic noise impacts sleep continuity in suburban residents: Exposure-response quantification of noise-induced awakenings from vehicle pass-bys at night. Science of the Total Environment, 2022, 817, 152594.	8.0	12
112	Longitudinal Analysis of Drusen Volume in Intermediate Age-Related Macular Degeneration Using Two Spectral-Domain Optical Coherence Tomography Scan Patterns. Ophthalmologica, 2018, 239, 110-120.	1.9	11
113	Discrimination measures for discrete time-to-event predictions. Econometrics and Statistics, 2018, 7, 153-164.	0.8	11
114	Prevalence of temporomandibular disorders in patients with Hashimoto thyroiditis. Journal of Orofacial Orthopedics, 2018, 79, 277-288.	1.3	11
115	Drug‐induced anaphylactic reactions in children: A retrospective analysis of 159 validated spontaneous reports. Pharmacoepidemiology and Drug Safety, 2019, 28, 377-388.	1.9	11
116	Correlation‐adjusted regression survival scores for high‐dimensional variable selection. Statistics in Medicine, 2019, 38, 2413-2427.	1.6	11
117	Prognostic Value of Retinal Layers in Comparison with Other Risk Factors for Conversion of Intermediate Age-related Macular Degeneration. Ophthalmology Retina, 2020, 4, 31-40.	2.4	11
118	Competing risks analysis for discrete time‐to‐event data. Wiley Interdisciplinary Reviews: Computational Statistics, 2021, 13, e1529.	3.9	11
119	Association of osteopontin with kidney function and kidney failure in chronic kidney disease patients: the GCKD study. Nephrology Dialysis Transplantation, 2023, 38, 1430-1438.	0.7	11
120	MRI vs. CT for orthodontic applications: comparison of two MRI protocols and three CT (multislice,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5(	1.3	10
121	Local Progression Kinetics of Geographic Atrophy in Age-Related Macular Degeneration Are Associated With Atrophy Border Morphology. , 2018, 59, AMD12.		10
122	Machine learning to guide clinical decision-making in abdominal surgery—a systematic literature review. Langenbeck's Archives of Surgery, 2022, 407, 51-61.	1.9	10
123	Phase I/II trial of meclofenamate in progressive MGMT-methylated glioblastoma under temozolomide second-line therapy—the MecMeth/NOA-24 trial. Trials, 2022, 23, 57.	1.6	10
124	GenoGAM: genome-wide generalized additive models for ChIP-Seq analysis. Bioinformatics, 2017, 33, 2258-2265.	4.1	9
125	Assessment of facial soft-tissue profiles based on lateral photographs versus three-dimensional face scans. Journal of Orofacial Orthopedics, 2017, 78, 70-76.	1.3	9
126	Predicting CYP2D6 phenotype from resting brain perfusion images by gradient boosting. Psychiatry Research - Neuroimaging, 2017, 259, 16-24.	1.8	9

#	Article	IF	Citations
127	Validation of a Novel Predictive Algorithm for Kidney Failure in Patients Suffering from Chronic Kidney Disease: The Prognostic Reasoning System for Chronic Kidney Disease (PROGRES-CKD). International Journal of Environmental Research and Public Health, 2021, 18, 12649.	2.6	9
128	Dementia risk predictions from German claims data using methods of machine learning. Alzheimer's and Dementia, 2023, 19, 477-486.	0.8	9
129	Comparing classification methods for diffuse reflectance spectra to improve tissue specific laser surgery. BMC Medical Research Methodology, 2014, 14, 91.	3.1	8
130	Epicardial fat, cardiovascular risk factors and calcifications in patients with chronic kidney disease. CKJ: Clinical Kidney Journal, 2020, 13, 571-579.	2.9	8
131	Angioedemas associated with renin-angiotensin system blocking drugs: Comparative analysis of spontaneous adverse drug reaction reports. PLoS ONE, 2020, 15, e0230632.	2.5	8
132	Multiple aneurysms in subarachnoid hemorrhage - identification of the ruptured aneurysm, when the bleeding pattern is not self-explanatory - development of a novel prediction score. BMC Neurology, 2020, 20, 70.	1.8	8
133	Discrete-time survival forests with Hellinger distance decision trees. Data Mining and Knowledge Discovery, 2020, 34, 812-832.	3.7	8
134	A Systematic Review of Metabolomic Biomarkers for the Intake of Sugar-Sweetened and Low-Calorie Sweetened Beverages. Metabolites, 2021, 11, 546.	2.9	8
135	Educational Attainment Is Associated With Kidney and Cardiovascular Outcomes in the German CKD (GCKD) Cohort. Kidney International Reports, 2022, 7, 1004-1015.	0.8	8
136	A prospective investigation into the association between the gut microbiome composition and cognitive performance among healthy young adults. Gut Pathogens, 2022, 14, 15.	3.4	8
137	Estimation of a linear regression under microaggregation with the response variable as a sorting variable. Statistica Neerlandica, 2007, 61, 407-431.	1.6	7
138	The effect of microaggregation by individual ranking on the estimation of moments. Journal of Econometrics, 2009, 153, 174-182.	6.5	7
139	A PAUC-based Estimation Technique for Disease Classification and Biomarker Selection. Statistical Applications in Genetics and Molecular Biology, 2012, 11, .	0.6	7
140	A framework for parameter estimation and model selection in kernel deep stacking networks. Artificial Intelligence in Medicine, 2016, 70, 31-40.	6.5	7
141	GiANT: gene set uncertainty in enrichment analysis. Bioinformatics, 2016, 32, 1891-1894.	4.1	7
142	Longitudinal Assessment of Examiner Experience and the Accuracy of Sonographic Fetal Weight Estimation at Term. Journal of Ultrasound in Medicine, 2017, 36, 163-174.	1.7	7
143	The <i>betaboost</i> package—a software tool for modelling bounded outcome variables in potentially high-dimensional epidemiological data. International Journal of Epidemiology, 2018, 47, 1383-1388.	1.9	7
144	A Random Forest Approach for Bounded Outcome Variables. Journal of Computational and Graphical Statistics, 2020, 29, 639-658.	1.7	7

#	Article	IF	Citations
145	An Investigation into the Temporal Reproducibility of Tryptophan Metabolite Networks Among Healthy Adolescents. International Journal of Tryptophan Research, 2021, 14, 117864692110413.	2.3	7
146	Do dimethyl fumarate and nicotinic acid elicit common, potentially HCA_2â€mediated adverse reactions? A combined epidemiologicalâ€experimental approach. British Journal of Clinical Pharmacology, 2021, 87, 3813-3824.	2.4	7
147	Estimation of a linear model under microaggregation by individual ranking. A St A - Advances in Statistical Analysis, 2006, 90, 419-438.	0.4	6
148	A New Sonographic Weight Estimation Formula for Smallâ€forâ€Gestationalâ€Age Fetuses. Journal of Ultrasound in Medicine, 2016, 35, 1713-1724.	1.7	6
149	Can Sonographic Fetal Biometry Predict Adverse Perinatal Outcome?. Ultraschall in Der Medizin, 2019, 40, 230-236.	1.5	6
150	A classification tree approach for the modeling of competing risks in discrete time. Advances in Data Analysis and Classification, 2019, 13, 965-990.	1.4	6
151	Tree-based modeling of time-varying coefficients in discrete time-to-event models. Lifetime Data Analysis, 2020, 26, 545-572.	0.9	6
152	Associations of BMI and Body Fat with Urine Metabolome in Adolescents Are Sex-Specific: A Cross-Sectional Study. Metabolites, 2020, 10, 330.	2.9	6
153	Descriptive analysis of adverse drug reaction reports in children and adolescents from Germany: frequently reported reactions and suspected drugs. BMC Pharmacology & Toxicology, 2021, 22, 56.	2.4	6
154	Clinical Studies on Cytokine-Induced Killer Cells: Lessons from Lymphoma Trials. Cancers, 2021, 13, 6007.	3.7	6
155	Intersession Repeatability of Structural Biomarkers in Early and Intermediate Age-Related Macular Degeneration: A MACUSTAR Study Report. Translational Vision Science and Technology, 2022, 11, 27.	2.2	6
156	Unlabeling data can improve classification accuracy. Pattern Recognition Letters, 2014, 37, 15-23.	4.2	5
157	Correlation of short-term variation and Doppler parameters with adverse perinatal outcome in small-for-gestational age fetuses at term. Archives of Gynecology and Obstetrics, 2019, 300, 575-581.	1.7	5
158	Significance Tests for Boosted Location and Scale Models with Linear Base-Learners. International Journal of Biostatistics, 2019, 15, .	0.7	5
159	Tree-structured modelling of varying coefficients. Statistics and Computing, 2019, 29, 217-229.	1.5	5
160	Ultrasound Fetal Weight Estimation in Diabetic Pregnancies. Journal of Ultrasound in Medicine, 2020, 39, 341-350.	1.7	5
161	Use of Composite End Points in Early and Intermediate Age-Related Macular Degeneration Clinical Trials: State-of-the-Art and Future Directions. Ophthalmologica, 2021, 244, 387-395.	1.9	5
162	The Effect of Microaggregation Procedures on the Estimation of Linear Models: A Simulation Study. Jahrbucher Fur Nationalokonomie Und Statistik, 2005, 225, 529-543.	0.7	4

#	Article	IF	Citations
163	The Residual-Based Predictiveness Curve: A Visual Tool to Assess the Performance of Prediction Models. Biometrics, 2016, 72, 392-401.	1.4	4
164	Influence of factor XIII activity on post-operative transfusion in congenital cardiac surgeryâ€"A retrospective analysis. PLoS ONE, 2018, 13, e0199240.	2.5	4
165	Drugs linked to plasma homoarginine in chronic kidney disease patientsâ€"a cross-sectional analysis of the German Chronic Kidney Disease cohort. Nephrology Dialysis Transplantation, 2020, 35, 1187-1195.	0.7	4
166	Influence of Sonographic Fetal Weight Estimation Inaccuracies inÂMacrosomia on Perinatal Outcome. Ultraschall in Der Medizin, 2022, 43, e56-e64.	1.5	4
167	Treatment Exit Options for Non-infectious Uveitis (TOFU): Study Protocol for a Prospective Clinical Registry. Ophthalmic Epidemiology, 2022, 29, 31-38.	1.7	4
168	Cephalometry without complex dedicated postprocessing in an oriented magnetic resonance imaging dataset: a pilot study. European Journal of Orthodontics, 2021, 43, 614-621.	2.4	4
169	Challenges, facilitators and barriers to screening study participants in early disease stages-experience from the MACUSTAR study. BMC Medical Research Methodology, 2021, 21, 54.	3.1	4
170	Assessing the calibration of subdistribution hazard models in discrete time. Canadian Journal of Statistics, 2022, 50, 572-591.	0.9	4
171	Factors influencing the detection of treatable epileptogenic lesions on MRI. A randomized prospective study. Neurological Research and Practice, 2021, 3, 41.	2.0	4
172	Repeatability and Discriminatory Power of Chart-Based Visual Function Tests in Individuals With Age-Related Macular Degeneration. JAMA Ophthalmology, 0, , .	2.5	4
173	Estimation of a linear model in transformed variables under microaggregation by individual ranking. AStA Advances in Statistical Analysis, 2008, 92, 359-374.	0.9	3
174	Oculoauriculovertebral spectrum and maxillary sinus volumes. Journal of Orofacial Orthopedics, 2018, 79, 259-266.	1.3	3
175	Sparse kernel deep stacking networks. Computational Statistics, 2019, 34, 993-1014.	1.5	3
176	Flexible modeling of ratio outcomes in clinical and epidemiological research. Statistical Methods in Medical Research, 2020, 29, 2250-2268.	1.5	3
177	Drug-related problems in head and neck cancer patients identified by repeated medication reviews on consecutive therapy cycles. Journal of Oncology Pharmacy Practice, 2020, 27, 107815522096217.	0.9	3
178	Analysis of cesarean section rates in two German hospitals applying the 10-Group Classification System. Journal of Perinatal Medicine, 2021, 49, 818-829.	1.4	3
179	No evidence to support the impact of migration background on treatment response rates and cancer survival: a retrospective matched-pair analysis in Germany. BMC Cancer, 2021, 21, 526.	2.6	3
180	Model of care and chance of spontaneous vaginal birth: a prospective, multicenter matched-pair analysis from North Rhine-Westphalia. BMC Pregnancy and Childbirth, 2021, 21, 849.	2.4	3

#	Article	IF	Citations
181	Uromodulin and its association with urinary metabolites: the German Chronic Kidney Disease Study. Nephrology Dialysis Transplantation, 2023, 38, 70-79.	0.7	3
182	Determination of the mesio-distal tooth width via 3D imaging techniques with and without ionizing radiation: CBCT, MSCT, and ÂµCT versus MRI. European Journal of Orthodontics, 2017, 39, cjw047.	2.4	2
183	Predicting birth weight with conditionally linear transformation models. Statistical Methods in Medical Research, 2016, 25, 2781-2810.	1.5	2
184	Longitudinal <i>z</i> Score Distribution in Sonographic Fetal Biometry: Influence of Examiner and Experience. Journal of Ultrasound in Medicine, 2017, 36, 1021-1028.	1.7	2
185	Modeling biomarker ratios with gamma distributed components. Annals of Applied Statistics, 2019, 13, .	1.1	2
186	Longitudinal Course of Short-Term Variation and Doppler Parameters in Early Onset Growth Restricted Fetuses. Ultraschall in Der Medizin, 2020, 41, e23-e32.	1.5	2
187	Clustering with statistical error control. Scandinavian Journal of Statistics, 2020, 48, 729.	1.4	2
188	Influence of labor on direct and indirect determinants of placental 11beta-hydroxysteroid dehydrogenase activity. Archives of Gynecology and Obstetrics, 2021, 303, 401-408.	1.7	2
189	Modeling of atrophy size trajectories: variable transformation, prediction and age-of-onset estimation. BMC Medical Research Methodology, 2021, 21, 170.	3.1	2
190	Three-dimensional CT evaluation of oculoauriculovertebral spectrum patients use of Katsumataâ€™s asymmetry index. Journal of Orofacial Orthopedics, 2016, 77, 176-184.	1.3	1
191	Amniotic-Umbilical-to-Cerebral Ratio â€" A Novel Ratio Combining Doppler Parameters and Amniotic Fluid Volume to Predict Adverse Perinatal Outcome in SGA Fetuses At Term. Ultraschall in Der Medizin, 2020, , .	1.5	1
192	Integrative analysis of key candidate genes and signaling pathways in autoimmune thyroid dysfunction related to anti-CTLA-4 therapy by bioinformatics. Investigational New Drugs, 2020, 38, 1717-1729.	2.6	1
193	Spectrum and dosing of urate-lowering drugs in a large cohort of chronic kidney disease patients and their effect on serum urate levels: a cross-sectional analysis from the German Chronic Kidney Disease study. CKJ: Clinical Kidney Journal, 2021, 14, 277-283.	2.9	1
194	Descriptive Analysis of 179 Reports of Melanoma Originating from Germany Reported as Side Effect to an Adverse Drug Reaction Database and Comparison with Melanoma Cases Contained in German Cancer Registries. Clinical and Experimental Dermatology, 2022, , .	1.3	1
195	Descriptive analysis of adverse drug reaction reports for hypersensitivity reactions stratified in relation to different beta-lactam antibiotics. Allergologie Select, 2022, 6, 42-60.	3.1	1
196	The Cardiovascular Literature-Based Risk Algorithm (CALIBRA): Predicting Cardiovascular Events in Patients With Non-Dialysis Dependent Chronic Kidney Disease. , 0, 2, .		1
197	Probability and quantile estimation from individually micro-aggregated data. Metrika, 2012, 75, 721-742.	0.8	0
198	P3â€616: EICOSAPENTAENOIC ACID BUT NOT DOCOSAHEXAENOIC ACID IS ASSOCIATED WITH ALZHEIMER'S DISEASE RISK IN THE OLDESTâ€OLD. Alzheimer's and Dementia, 2018, 14, P1366.	0.8	0

#	Article	IF	Citations
199	P3â€‑122: <i>APOE</i>â€îµ4 MODULATES LEVELS OF OMEGAâ€‑3 AND OMEGAâ€‑6 FATTY ACIDS IN ALZHEIMER'S DISEASE DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1114.	0.8	0
200	Dietary Patterns, Genetic Predisposition, and Cognitive Function in the UK Biobank. Current Developments in Nutrition, 2021, 5, 1090.	0.3	0
201	Data Mining in Large Databases â€" Strategies for Managing the Trade-Off Between Societal Benefit and Individual Privacy. Intelligent Information Systems, 2009, , 63-80.	0.1	0
202	Using Network Methodology to Infer Population Substructure. PLoS ONE, 2015, 10, e0130708.	2.5	0
203	Tree-Based Approaches. Springer Series in Statistics, 2016, , 129-148.	0.9	0
204	High-Dimensional Models: Structuring and Selection of Predictors. Springer Series in Statistics, 2016, , 149-165.	0.9	0
205	Evaluation and Model Choice. Springer Series in Statistics, 2016, , 73-104.	0.9	0
206	Application of Computer Generated Images to train Pattern Recognition used in semiquantitative Immunohistochemistry Scoring. Apmis, 2021, , .	2.0	0
207	BIOM-08. DNA METHYLATION-BASED SUBGROUPING PREDICTS SURVIVAL BENEFIT FROM LOMUSTINE/TEMOZOLOMID COMBINATION THERAPY IN MGMT PROMOTOR-METHYLATED GLIOBLASTOMA. Neuro-Oncology, 2021, 23, vi11-vi11.	1.2	0
208	An imputation approach using subdistribution weights for deep survival analysis with competing events. Scientific Reports, 2022, 12, 3815.	3.3	0
209	Heart-Type Fatty Acid Binding Protein, Cardiovascular Outcomes, and Death: Findings From the German CKD Cohort Study. American Journal of Kidney Diseases, 2022, , .	1.9	0
210	Why are women deciding against birth in alongside midwifery units? A prospective single-center study from Germany. Journal of Perinatal Medicine, 2022, .	1.4	0