Dimitris Rizopoulos

List of Publications by Year
in descending order

129	5,947	94433 37	95266 68
papers	citations	h-index	g-index

134	134	134	7906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anthropometrics and fat mass, but not fat-free mass, are compromised in infants requiring parenteral nutrition after neonatal intestinal surgery. American Journal of Clinical Nutrition, 2022, 115, 503-513.	4.7	4
2	Shared decision making of burdensome surveillance tests using personalized schedules and their burden and benefit. Statistics in Medicine, 2022, 41, 2115-2131.	1.6	5
3	Incorporating historical controls in clinical trials with longitudinal outcomes using the modified power prior. Pharmaceutical Statistics, 2022, , .	1.3	3
4	Kidney function and the risk of sudden cardiac death in the general population. CKJ: Clinical Kidney Journal, 2022, 15, 1524-1533.	2.9	4
5	Peripheral Immune Cell Numbers and C-Reactive Protein in Parkinsonâ€™s Disease: Results from a Population-Based Study. Journal of Parkinson's Disease, 2022, 12, 667-678.	2.8	8
6	Dynamic personalized risk prediction in chronic heart failure patients: a longitudinal, clinical investigation of 92 biomarkers (Bio-SHiFT study). Scientific Reports, 2022, 12, 2795.	3.3	9
7	High impact of pediatric inflammatory bowel disease on caregiversâ€™ work productivity and daily activities: an international prospective study. Journal of Pediatrics, 2022, , .	1.8	2
8	Incorporating historical control information in <scp>ANCOVA</scp> models using the metaâ€analyticâ€predictive approach. Research Synthesis Methods, 2022, 13, 681-696.	8.7	4
9	Modeling the underlying biological processes in Alzheimer's disease using a multivariate competing risk joint model. Statistics in Medicine, 2022, 41, 3421-3433.	1.6	6
10	Joint Modeling of Repeated Measurements of Different Biomarkers Predicts Mortality in COVID-19 Patients in the Intensive Care Unit. Biomarker Insights, 2022, 17, 117727192211123.	2.5	4
11	Personalised biopsy schedules based on risk of Gleason upgrading for patients with lowâ€risk prostate cancer on active surveillance. BJU International, 2021, 127, 96-107.	2.5	15
12	Pairwise estimation of multivariate longitudinal outcomes in a Bayesian setting with extensions to the joint model. Statistical Modelling, 2021, 21, 115-136.	1.1	2
13	Joint modeling of longitudinal continuous, longitudinal ordinal, and time-to-event outcomes. Lifetime Data Analysis, 2021, 27, 64-90.	0.9	8
14	Can serial cerebral <scp>MRIs</scp> predict the neuronopathic phenotype of <scp>MPS II</scp>?. Journal of Inherited Metabolic Disease, 2021, 44, 751-762.	3.6	3
15	A Bayesian joint model for zeroâ€inflated integers and leftâ€truncated event times with a timeâ€varying association: Applications to senior health care. Statistics in Medicine, 2021, 40, 147-166.	1.6	3
16	Reflection on modern methods: Dynamic prediction using joint models of longitudinal and time-to-event data. International Journal of Epidemiology, 2021, 50, 1731-1743.	1.9	19
17	A competing risk joint model for dealing with different types of missing data in an intervention trial in prodromal Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2021, 13, 63.	6.2	3
18	Endovascular Revascularization Plus Supervised Exercise Versus Supervised Exercise Only for Intermittent Claudication: A Cost-Effectiveness Analysis. Circulation: Cardiovascular Interventions, 2021, 14, e010703.	3.9	4

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19	Joint Modeling of Longitudinal Markers and Time-to-Event Outcomes: An Application and Tutorial in Patients After Surgical Repair of Transposition of the Great Arteries. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e007593.	2.2	6
20	Determinants of the Evolution of Kidney Function With Age. Kidney International Reports, 2021, 6, 3054-3063.	0.8	28
21	Machine learning for causal inference in Biostatistics. Biostatistics, 2020, 21, 336-338.	1.5	4
22	Influence of pregnancy on long-term durability of allografts in right ventricular outflow tract. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1508-1516.e1.	0.8	2
23	The Effect of a Personalized Newsletter to Physical Therapists on Patient Recruitment: A Cluster Randomized Trial in Primary Physiotherapy Care. Journal of Manipulative and Physiological Therapeutics, 2020, 43, 476-482.	0.9	0
24	MMRM vs joint modeling of longitudinal responses and time to study drug discontinuation in clinical trials using a â€œde jureâ€•estimand. Pharmaceutical Statistics, 2020, 19, 909-927.	1.3	4
25	A marginal estimate for the overall treatment effect on a survival outcome within the joint modeling framework. Statistics in Medicine, 2020, 39, 4120-4132.	1.6	9
26	Infliximab in young paediatric IBD patients: it is all about the dosing. European Journal of Pediatrics, 2020, 179, 1935-1944.	2.7	51
27	Integrating latent classes in the Bayesian shared parameter joint model of longitudinal and survival outcomes. Statistical Methods in Medical Research, 2020, 29, 3294-3307.	1.5	7
28	Joint models with multiple longitudinal outcomes and a time-to-event outcome: a corrected two-stage approach. Statistics and Computing, 2020, 30, 999-1014.	1.5	24
29	Performance of Classification Systems for Age-Related Macular Degeneration in the Rotterdam Study. Translational Vision Science and Technology, 2020, 9, 26.	2.2	19
30	Survival After Uncomplicated EVAR in Octogenarians is Similar to the General Population of Octogenarians Without an Abdominal Aortic Aneurysm. European Journal of Vascular and Endovascular Surgery, 2020, 59, 740-747.	1.5	14
31	Long-term prognosis after kidney donation: a propensity score matched comparison of living donors and non-donors from two population cohorts. European Journal of Epidemiology, 2020, 35, 699-707.	5.7	15
32	Personalized Schedules for Surveillance of Low-Risk Prostate Cancer Patients. Biometrics, 2019, 75, 153-162.	1.4	14
33	An Overview of Joint Modeling of Time-to-Event and Longitudinal Outcomes. Annual Review of Statistics and Its Application, 2019, 6, 223-240.	7.0	71
34	Personalized Decision Making for Biopsies in Prostate Cancer Active Surveillance Programs. Medical Decision Making, 2019, 39, 499-508.	2.4	6
35	Using joint models to disentangle intervention effect types and baseline confounding: an application within an intervention study in prodromal Alzheimerâ€™s disease with Fortasyn Connect. BMC Medical Research Methodology, 2019, 19, 163.	3.1	5
36	Repeated Echocardiograms Do Not Provide Incremental Prognostic Value to Single Echocardiographic Assessment in Minimally Symptomatic Patients with Chronic Heart Failure: Results of the Bio-SHiFT Study. Journal of the American Society of Echocardiography, 2019, 32, 1000-1009.	2.8	7

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37	A randomized controlled trial with everolimus for IQ and autism in tuberous sclerosis complex. Neurology, 2019, 93, e200-e209.	1.1	78
38	Individualized dynamic prediction of survival with the presence of intermediate events. Statistics in Medicine, 2019, 38, 5623-5640.	1.6	9
39	Joint models for longitudinal and timeâ€toâ€event data in a caseâ€cohort design. Statistics in Medicine, 2019, 38, 2269-2281.	1.6	5
40	Response to Conservative Treatment for Thumb Carpometacarpal Osteoarthritis Is Associated With Conversion to Surgery: A Prospective Cohort Study. Physical Therapy, 2019, 99, 570-576.	2.4	12
41	Understanding of interaction (subgroup) analysis in clinical trials. European Journal of Clinical Investigation, 2019, 49, e13145.	3.4	50
42	Risk factors for longitudinal changes in left ventricular diastolic function among women and men. Heart, 2019, 105, 1414-1422.	2.9	7
43	Decreased plasma l-arginine levels in organic acidurias (MMA and PA) and decreased plasma branched-chain amino acid levels in urea cycle disorders as a potential cause of growth retardation: Options for treatment. Molecular Genetics and Metabolism, 2019, 126, 397-405.	1.1	26
44	Temporal Patterns of 14 Blood Biomarker candidates of Cardiac Remodeling in Relation to Prognosis of Patients With Chronic Heart Failureâ€"The Bioâ€SHiFT Study. Journal of the American Heart Association, 2019, 8, e009555.	3.7	27
45	Large variation in effects during 10 years of enzyme therapy in adults with Pompe disease. Neurology, 2019, 93, e1756-e1767.	1.1	70
46	Reply. Journal of Hypertension, 2019, 37, 1729-1730.	0.5	0
47	Cardiac output changes from prior to pregnancy to post partum using two non-invasive techniques. Heart, 2019, 105, 715-720.	2.9	5
48	Bayesian imputation of time-varying covariates in linear mixed models. Statistical Methods in Medical Research, 2019, 28, 555-568.	1.5	26
49	IGFBP-2 and aging: a 20-year longitudinal study on IGFBP-2, IGF-I, BMI, insulin sensitivity and mortality in an aging population. European Journal of Endocrinology, 2019, 180, 109-116.	3.7	30
50	Toward personalized risk assessment in patients with chronic heart failure: Detailed temporal patterns of NT-proBNP, troponin T, and CRP in the Bio-SHiFT study. American Heart Journal, 2018, 196, 36-48.	2.7	40
51	12 Year Trajectories of Depressive Symptoms in Community-Dwelling Older Adults and the Subsequent Risk of Death Over 13 Years. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 820-827.	3.6	27
52	Bone health of children with intestinal failure measured by dual energy X-ray absorptiometry and digital X-ray radiogrammetry. Clinical Nutrition, 2018, 37, 687-694.	5.0	29
53	Improved Dynamic Predictions from Joint Models of Longitudinal and Survival Data with Time-varying Effects Using P-splines. Biometrics, 2018, 74, 685-693.	1.4	39
54	Patient-specific evolution of renal function in chronic heart failure patients dynamically predicts clinical outcome in the Bio-SHiFT study. Kidney International, 2018, 93, 952-960.	5.2	26

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55	Validity of the Flemish working alliance inventory in a Dutch physiotherapy setting in patients with shoulder pain. Physiotherapy Theory and Practice, 2018, 34, 384-392.	1.3	7
56	Active surveillance: a review of risk-based, dynamic monitoring. Translational Andrology and Urology, 2018, 7, 106-115.	1.4	10
57	Growth, Body Composition, and Micronutrient Abnormalities During and After Weaning Off Home Parenteral Nutrition. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, e95-e100.	1.8	17
58	Comparing methods to combine functional loss and mortality in clinical trials for amyotrophic lateral sclerosis. Clinical Epidemiology, 2018, Volume 10, 333-341.	3.0	29
59	Anti-TNF Levels in Cord Blood at Birth are Associated with Anti-TNF Type. Journal of Crohn's and Colitis, 2018, 12, 939-947.	1.3	41
60	Personalized dynamic risk assessment in nephrology is a next step in prognostic research. Kidney International, 2018, 94, 214-217.	5.2	17
61	Predicting anti-RhD titers in donors: Boostering response and decline rates are personal. PLoS ONE, 2018, 13, e0196382.	2.5	1
62	<tt>%JM</tt>: A SAS Macro to Fit Jointly Generalized Mixed Models for Longitudinal Data and Time-to-Event Responses. Journal of Statistical Software, 2018, 84, .	3.7	16
63	Long-term serial kinetics of N-terminal pro B-type natriuretic peptide and carbohydrate antigen 125 for mortality risk prediction following acute heart failure. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 685-696.	1.0	49
64	Serially measured circulating miR-22-3p is a biomarker for adverse clinical outcome in patients with chronic heart failure: The Bio-SHiFT study. International Journal of Cardiology, 2017, 235, 124-132.	1.7	36
65	Bayesian hierarchical modeling of longitudinal glaucomatous visual fields using a twoâ€stage approach. Statistics in Medicine, 2017, 36, 1735-1753.	1.6	9
66	Dementia and death: Separate sides of the atrial fibrillation coin?. International Journal of Cardiology, 2017, 227, 189.	1.7	2
67	Defining Optimal Health Range for Thyroid Function Based on the Risk of Cardiovascular Disease. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2853-2861.	3.6	30
68	Extension of the association structure in joint models to include weighted cumulative effects. Statistics in Medicine, 2017, 36, 3746-3759.	1.6	15
69	Dynamic predictions with timeâ€dependent covariates in survival analysis using joint modeling and landmarking. Biometrical Journal, 2017, 59, 1261-1276.	1.0	88
70	Long-term benefit of enzyme replacement therapy in Pompe disease. Neurology, 2017, 89, 2365-2373.	1.1	93
71	Cost-effectiveness of enzyme replacement therapy with alglucosidase alfa in adult patients with Pompe disease. Orphanet Journal of Rare Diseases, 2017, 12, 179.	2.7	15
72	Prediction of hemoglobin in blood donors using a latent class mixedâ€effects transition model. Statistics in Medicine, 2016, 35, 581-594.	1.6	6

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73	Usefulness of Serial N-terminal Pro-B-type Natriuretic Peptide Measurements to Predict Cardiac Death in Acute and Chronic Dilated Cardiomyopathy in Children. American Journal of Cardiology, 2016, 118, 1723-1729.	1.6	20
74	Sirolimus for epilepsy in children with tuberous sclerosis complex. Neurology, 2016, 87, 1011-1018.	1.1	73
75	Increase of prevalence of craniosynostosis. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 1273-1279.	1.7	145
76	Bayesian shrinkage approach for a joint model of longitudinal and survival outcomes assuming different association structures. Statistics in Medicine, 2016, 35, 4813-4823.	1.6	36
77	Dealing with missing covariates in epidemiologic studies: a comparison between multiple imputation and a full Bayesian approach. Statistics in Medicine, 2016, 35, 2955-2974.	1.6	62
78	Personalized screening intervals for biomarkers using joint models for longitudinal and survival data. Biostatistics, 2016, 17, 149-164.	1.5	35
79	LOng-term follow-up after liVE kidney donation (LOVE) study: a longitudinal comparison study protocol. BMC Nephrology, 2016, 17, 14.	1.8	8
80	A flexible joint modeling framework for longitudinal and time-to-event data with overdispersion. Statistical Methods in Medical Research, 2016, 25, 1661-1676.	1.5	7
81	A hydroxylated collagen peptide in urine as biomarker for the detection of colorectal liver metastases.. Journal of Clinical Oncology, 2016, 34, e15081-e15081.	1.6	1
82	Electroencephalography in Normotensive and Hypertensive Pregnancies and Subsequent Quality of Life. PLoS ONE, 2016, 11, e0155299.	2.5	5
83	TheRPackageJMbayesfor Fitting Joint Models for Longitudinal and Time-to-Event Data Using MCMC. Journal of Statistical Software, 2016, 72, .	3.7	141
84	Prevalence and determinants of declining versus stable hemoglobin levels in whole blood donors. Transfusion, 2015, 55, 1955-1963.	1.6	20
85	Repeated Measurements of NT-pro-B-Type Natriuretic Peptide, Troponin T or C-Reactive Protein Do Not Predict Future Allograft Rejection in Heart Transplant Recipients. Transplantation, 2015, 99, 580-585.	1.0	22
86	Comments on â€˜Joint modeling of survival and longitudinal nonâ€survival data: current methods and issues. Report of the DIA Bayesian Joint Modeling Working Groupâ€™. Statistics in Medicine, 2015, 34, 2196-2197.	1.6	1
87	Simple analysis of non-Markov models: A case study on heart transplant data. Statistical Modelling, 2015, 15, 51-69.	1.1	0
88	Dynamic prediction of outcome for patients with severe aortic stenosis: application of joint models for longitudinal and time-to-event data. BMC Cardiovascular Disorders, 2015, 15, 28.	1.7	24
89	Endovascular Revascularization and Supervised Exercise for Peripheral Artery Disease and Intermittent Claudication. JAMA - Journal of the American Medical Association, 2015, 314, 1936.	7.4	184
90	Web-Based Mindfulness Intervention in Heart Disease: A Randomized Controlled Trial. PLoS ONE, 2015, 10, e0143843.	2.5	47

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91	Weighted pairwise likelihood estimation for a general class of random effects models. Biostatistics, 2014, 15, 677-689.	1.5	18
92	Joint modeling of two longitudinal outcomes and competing risk data. Statistics in Medicine, 2014, 33, 3167-3178.	1.6	55
93	Combining Dynamic Predictions From Joint Models for Longitudinal and Time-to-Event Data Using Bayesian Model Averaging. Journal of the American Statistical Association, 2014, 109, 1385-1397.	3.1	68
94	Local sensitivity to non-ignorability in joint models. Statistical Modelling, 2014, 14, 205-228.	1.1	6
95	Association between polyunsaturated fatty acid concentrations in maternal plasma phospholipids during pregnancy and offspring adiposity at age 7: The MEFAB cohort. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 91, 81-85.	2.2	49
96	Generalized linear mixed joint model for longitudinal and survival outcomes. Statistics and Computing, 2014, 24, 417-427.	1.5	18
97	The proactive wet-wrap method with diluted corticosteroids versus emollients in children withÂatopic dermatitis: A prospective, randomized, double-blind, placebo-controlled trial. Journal of the American Academy of Dermatology, 2014, 70, 1076-1082.	1.2	70
98	A characterization of missingness at random in a generalized sharedâ€parameter joint modeling framework for longitudinal and timeâ€toâ€event data, and sensitivity analysis. Biometrical Journal, 2014, 56, 1001-1015.	1.0	10
99	Unnatural History of Tetralogy of Fallot. Circulation, 2014, 130, 1944-1953.	1.6	187
100	Introduction to the special issue on joint modelling techniques. Statistical Methods in Medical Research, 2014, 23, 3-10.	1.5	28
101	Tools & Techniques - Statistics: Dealing with time-varying covariates in survival analysis â€“ joint models versus Cox models. EuroIntervention, 2014, 10, 285-288.	3.2	22
102	Survival Benefit of Lung Transplant for Cystic Fibrosis since Lung Allocation Score Implementation. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 1335-1340.	5.6	121
103	A joint survival-longitudinal modelling approach for the dynamic prediction of rehospitalization in telemonitored chronic heart failure patients. Statistical Modelling, 2013, 13, 179-198.	1.1	18
104	Joint Modeling of Longitudinal and Time-to-Event Data: Challenges and Future Directions. Studies in Theoretical and Applied Statistics, Selected Papers of the Statistical Societies, 2013, , 199-209.	0.2	4
105	Does aortic stiffness improve the prediction of coronary heart disease in elderly? The Rotterdam Study. Journal of Human Hypertension, 2012, 26, 28-34.	2.2	30
106	A Two-Stage Joint Model for Nonlinear Longitudinal Response and a Time-to-Event with Application in Transplantation Studies. Journal of Probability and Statistics, 2012, 2012, 1-18.	0.7	11
107	Fast fitting of joint models for longitudinal and event time data using a pseudo-adaptive Gaussian quadrature rule. Computational Statistics and Data Analysis, 2012, 56, 491-501.	1.2	54
108	An Introduction to Mixed Models and Joint Modeling: Analysis of Valve Function Over Time. Annals of Thoracic Surgery, 2012, 93, 1765-1772.	1.3	48

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109	Recommendations to improve the Positive and Negative Syndrome Scale (PANSS) based on item response theory. Psychiatry Research, 2011, 188, 446-452.	3.3	40
110	Dynamic Predictions and Prospective Accuracy in Joint Models for Longitudinal and Time-to-Event Data. Biometrics, 2011, 67, 819-829.	1.4	305
111	Usefulness of Serial N-Terminal Proâ€“B-Type Natriuretic Peptide Measurements for Determining Prognosis in Patients With Pulmonary Arterial Hypertension. American Journal of Cardiology, 2011, 108, 1645-1650.	1.6	85
112	The long-term outcome after severe trauma of children in Flanders (Belgium): a population-based cohort study using the International Classification of Functioningâ€”related outcome score. European Journal of Pediatrics, 2011, 170, 65-73.	2.7	4
113	A Bayesian semiparametric multivariate joint model for multiple longitudinal outcomes and a timeâ€toâ€event. Statistics in Medicine, 2011, 30, 1366-1380.	1.6	166
114	Defining Glaucomatous Optic Neuropathy from a Continuous Measure of Optic Nerve Damage â€“ The Optimal Cut-off Point for Risk-factor Analysis in Population-based Epidemiology. Ophthalmic Epidemiology, 2011, 18, 211-216.	1.7	12
115	Multipleâ€Imputationâ€Based Residuals and Diagnostic Plots for Joint Models of Longitudinal and Survival Outcomes. Biometrics, 2010, 66, 20-29.	1.4	47
116	Nonignorable Models for Intermittently Missing Categorical Longitudinal Responses. Biometrics, 2010, 66, 834-844.	1.4	13
117	Random Effects Models for Longitudinal Data. , 2010, , 37-96.		45
118	JM: AnRPackage for the Joint Modelling of Longitudinal and Time-to-Event Data. Journal of Statistical Software, 2010, 35, .	3.7	328
119	Fully Exponential Laplace Approximations for the Joint Modelling of Survival and Longitudinal Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2009, 71, 637-654.	2.2	86
120	Paediatric trauma and trauma care in Flanders (Belgium). Methodology and first descriptive results of the PENTA registry. European Journal of Pediatrics, 2008, 167, 1239-1249.	2.7	8
121	Assessing the level of consciousness in children: A plea for the Glasgow Coma Motor subscore. Resuscitation, 2008, 76, 175-179.	3.0	41
122	A Twoâ€Part Joint Model for the Analysis of Survival and Longitudinal Binary Data with Excess Zeros. Biometrics, 2008, 64, 611-619.	1.4	47
123	Comparative study of the effects of electrical stimulation in the nucleus accumbens, the mediodorsal thalamic nucleus and the bed nucleus of the stria terminalis in rats with schedule-induced polydipsia. Brain Research, 2008, 1201, 93-99.	2.2	49
124	Generalized latent variable models with non-linear effects. British Journal of Mathematical and Statistical Psychology, 2008, 61, 415-438.	1.4	19
125	Shared parameter models under random effects misspecification. Biometrika, 2008, 95, 63-74.	2.4	107
126	The logistic transform for bounded outcome scores. Biostatistics, 2007, 8, 72-85.	1.5	127

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127	Power and sample size calculations for discrete bounded outcome scores. Statistics in Medicine, 2006, 25, 4241-4252.	1.6	7
128	ltm: AnRPackage for Latent Variable Modeling and Item Response Theory Analyses. Journal of Statistical Software, 2006, 17, .	3.7	820
129	Joint Models for Longitudinal and Time-to-Event Data. , 0, , .		554