

Helene Jacqmin-Gadda

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

7,265
citations

66343

42
h-index

58581

82
g-index

105
all docs

105
docs citations

105
times ranked

10615
citing authors

#	ARTICLE	IF	CITATIONS
1	Five-Year Dynamic Prediction of Dementia Using Repeated Measures of Cognitive Tests and a Dependency Scale. <i>American Journal of Epidemiology</i> , 2022, 191, 453-464.	3.4	2
2	Predicting Progression to Advanced Age-Related Macular Degeneration from Clinical, Genetic, and Lifestyle Factors Using Machine Learning. <i>Ophthalmology</i> , 2021, 128, 587-597.	5.2	34
3	Patterns of Benzodiazepine Use and Excess Risk of All-Cause Mortality in the Elderly: A Nationwide Cohort Study. <i>Drug Safety</i> , 2021, 44, 53-62.	3.2	16
4	Incidence and Risk Factors in Concussion Events: A 5-Season Study in the French Top 14 Rugby Union Championship. <i>American Journal of Sports Medicine</i> , 2021, 49, 1921-1928.	4.2	4
5	Predicting the retinal content in omega-3 fatty acids for age-related macular degeneration. <i>Clinical and Translational Medicine</i> , 2021, 11, e404.	4.0	12
6	Dynamic reciprocal relationships between cognitive and functional declines along the Alzheimer's disease continuum in the prospective COGICARE study. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 148.	6.2	3
7	Regression analysis in an illness-death model with interval-censored data: A pseudo-value approach. <i>Statistical Methods in Medical Research</i> , 2020, 29, 752-764.	1.5	11
8	Joint nested frailty models for clustered recurrent and terminal events: An application to colonoscopy screening visits and colorectal cancer risks in Lynch Syndrome families. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1466-1479.	1.5	5
9	Long term evolution of renal function in essential hypertensive patients with no baseline proteinuria. <i>Journal of Human Hypertension</i> , 2020, 34, 560-567.	2.2	1
10	Dynamic modeling of multivariate dimensions and their temporal relationships using latent processes: Application to Alzheimer's disease. <i>Biometrics</i> , 2020, 76, 886-899.	1.4	6
11	Cognitive and functional changes in prediagnostic phase of Parkinson disease: A population-based study. <i>Parkinsonism and Related Disorders</i> , 2020, 79, 40-46.	2.2	6
12	Long-term risk of hip or forearm fractures in older occasional users of benzodiazepines. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 2155-2164.	2.4	5
13	Impact of benzodiazepine consumption reduction on future burden of dementia. <i>Scientific Reports</i> , 2020, 10, 14666.	3.3	5
14	Excess cumulative incidence estimation for matched cohort survival studies. <i>Statistics in Medicine</i> , 2020, 39, 2606-2620.	1.6	0
15	Quantile regression for incomplete longitudinal data with selection by death. <i>Statistical Methods in Medical Research</i> , 2020, 29, 2697-2716.	1.5	2
16	A curvilinear bivariate random changepoint model to assess temporal order of markers. <i>Statistical Methods in Medical Research</i> , 2020, 29, 2481-2492.	1.5	2
17	A hypothesis testing procedure for random changepoint mixed models. <i>Statistics in Medicine</i> , 2019, 38, 3791-3803.	1.6	5
18	Health administrative data enrichment using cohort information: Comparative evaluation of methods by simulation and application to real data. <i>PLoS ONE</i> , 2019, 14, e0211118.	2.5	1

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19	Benefits of dimension reduction in penalized regression methods for high-dimensional grouped data: a case study in low sample size. <i>Bioinformatics</i> , 2019, 35, 3628-3634.	4.1	15
20	Interpretation of mixed models and marginal models with cohort attrition due to death and drop-out. <i>Statistical Methods in Medical Research</i> , 2019, 28, 343-356.	1.5	11
21	Are latent variable models preferable to composite score approaches when assessing risk factors of change? Evaluation of type-I error and statistical power in longitudinal cognitive studies. <i>Statistical Methods in Medical Research</i> , 2019, 28, 1942-1957.	1.5	12
22	Projections of health indicators for chronic disease under a semi-Markov assumption. <i>Theoretical Population Biology</i> , 2018, 119, 83-90.	1.1	5
23	Impact of intervention targeting risk factors on chronic disease burden. <i>Statistical Methods in Medical Research</i> , 2018, 27, 414-427.	1.5	9
24	Projections of prevalence, lifetime risk, and life expectancy of Parkinson's disease (2010-2030) in France. <i>Movement Disorders</i> , 2018, 33, 1449-1455.	3.9	68
25	Temporal Trends in the Level and Decline of Cognition and Disability in an Elderly Population. <i>American Journal of Epidemiology</i> , 2018, 187, 2168-2176.	3.4	7
26	Eight-Year Follow-up of Hypnotic Delivery by Adults Aged 50 and Older from an Insurance Database. <i>Sleep</i> , 2017, 40, .	1.1	12
27	Real benefit of a protective factor against dementia: Importance of controlling for death. Example of sport practice. <i>PLoS ONE</i> , 2017, 12, e0174950.	2.5	3
28	GINKGO BILOBA EXTRACT CONSUMPTION AND LONG-TERM OCCURRENCE OF DEATH AND DEMENTIA. <i>Journal of prevention of Alzheimer's disease, The</i> , 2017, 4, 1-5.	2.7	6
29	Receiver operating characteristic curve estimation for time to event with semicompeting risks and interval censoring. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2750-2766.	1.5	6
30	Joint modeling of repeated multivariate cognitive measures and competing risks of dementia and death: a latent process and latent class approach. <i>Statistics in Medicine</i> , 2016, 35, 382-398.	1.6	60
31	A Simulation Platform for Quantifying Survival Bias: An Application to Research on Determinants of Cognitive Decline. <i>American Journal of Epidemiology</i> , 2016, 184, 378-387.	3.4	60
32	Joint Latent Class Model for Longitudinal Data and Interval-Censored Semi-Competing Events: Application to Dementia. <i>Biometrics</i> , 2016, 72, 1123-1135.	1.4	26
33	Trends in dementia incidence: Evolution over a 10-year period in France. <i>Alzheimer's and Dementia</i> , 2016, 12, 272-280.	0.8	83
34	Joint modelling of longitudinal and multi-state processes: application to clinical progressions in prostate cancer. <i>Statistics in Medicine</i> , 2016, 35, 3933-3948.	1.6	28
35	Individualized dynamic prediction of prostate cancer recurrence with and without the initiation of a second treatment: Development and validation. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2972-2991.	1.5	19
36	Does cognitive decline in Parkinson's disease start before diagnosis? A population-based study. <i>Journal of the Neurological Sciences</i> , 2015, 357, e212.	0.6	0

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37	Social activity, cognitive decline and dementia risk: a 20-year prospective cohort study. <i>BMC Public Health</i> , 2015, 15, 1089.	2.9	152
38	Quantifying and Comparing Dynamic Predictive Accuracy of Joint Models for Longitudinal Marker and Time-to-Event in Presence of Censoring and Competing Risks. <i>Biometrics</i> , 2015, 71, 102-113.	1.4	92
39	Normalized Mini-Mental State Examination for Assessing Cognitive Change in Population-Based Brain Aging Studies. <i>Neuroepidemiology</i> , 2014, 43, 15-25.	2.3	58
40	Prognostic Score for Predicting Risk of Dementia Over 10 Years While Accounting for Competing Risk of Death. <i>American Journal of Epidemiology</i> , 2014, 180, 790-798.	3.4	19
41	Cognitive lifestyle jointly predicts longitudinal cognitive decline and mortality risk. <i>European Journal of Epidemiology</i> , 2014, 29, 211-219.	5.7	79
42	Compensatory mechanisms in higher-educated subjects with Alzheimer's disease: a study of 20 years of cognitive decline. <i>Brain</i> , 2014, 137, 1167-1175.	7.6	214
43	Joint latent class models for longitudinal and time-to-event data: A review. <i>Statistical Methods in Medical Research</i> , 2014, 23, 74-90.	1.5	187
44	Estimating long-term multivariate progression from short-term data. <i>Alzheimer's and Dementia</i> , 2014, 10, S400-10.	0.8	148
45	Analysis of multivariate mixed longitudinal data: A flexible latent process approach. <i>British Journal of Mathematical and Statistical Psychology</i> , 2013, 66, 470-487.	1.4	65
46	20-Year prevalence projections for dementia and impact of preventive policy about risk factors. <i>European Journal of Epidemiology</i> , 2013, 28, 493-502.	5.7	54
47	Review and comparison of ROC curve estimators for a time-dependent outcome with marker-dependent censoring. <i>Biometrical Journal</i> , 2013, 55, 687-704.	1.0	58
48	Estimating and comparing time-dependent areas under receiver operating characteristic curves for censored event times with competing risks. <i>Statistics in Medicine</i> , 2013, 32, 5381-5397.	1.6	1,010
49	Short-versus long-term prediction of dementia among subjects with low and high educational levels. <i>Alzheimer's and Dementia</i> , 2013, 9, 562-571.	0.8	44
50	Prevalence Projections of Chronic Diseases and Impact of Public Health Intervention. <i>Biometrics</i> , 2013, 69, 109-117.	1.4	17
51	A Simple Score to Predict Survival with Dementia in the General Population. <i>Neuroepidemiology</i> , 2013, 41, 20-28.	2.3	10
52	Gender Differences in the Prodromal Signs of Dementia: Memory Complaint and IADL-Restriction. A Prospective Population-Based Cohort. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 39-47.	2.6	55
53	Joint model with latent state for longitudinal and multistate data. <i>Biostatistics</i> , 2011, 12, 723-736.	1.5	26
54	Misuse of the Linear Mixed Model When Evaluating Risk Factors of Cognitive Decline. <i>American Journal of Epidemiology</i> , 2011, 174, 1077-1088.	3.4	49

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55	Semi-parametric latent process model for longitudinal ordinal data: Application to cognitive decline. <i>Statistics in Medicine</i> , 2010, 29, 2723-2731.	1.6	12
56	Score Test for Conditional Independence Between Longitudinal Outcome and Time to Event Given the Classes in the Joint Latent Class Model. <i>Biometrics</i> , 2010, 66, 11-19.	1.4	31
57	Joint modelling of multivariate longitudinal outcomes and a time-to-event: A nonlinear latent class approach. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 1142-1154.	1.2	67
58	Prodromal Alzheimer's disease: Successive emergence of the clinical symptoms. <i>Annals of Neurology</i> , 2008, 64, 492-498.	5.3	607
59	Aluminum and Silica in Drinking Water and the Risk of Alzheimer's Disease or Cognitive Decline: Findings From 15-Year Follow-up of the PAQUID Cohort. <i>American Journal of Epidemiology</i> , 2008, 169, 489-496.	3.4	253
60	Pattern Mixture Models and Latent Class Models for the Analysis of Multivariate Longitudinal Data with Informative Dropouts. <i>International Journal of Biostatistics</i> , 2008, 4, Article 14.	0.7	37
61	Gender and education impact on brain aging: A general cognitive factor approach. <i>Psychology and Aging</i> , 2008, 23, 608-620.	1.6	109
62	Robustness of the linear mixed model to misspecified error distribution. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 5142-5154.	1.2	162
63	A nonlinear latent class model for joint analysis of multivariate longitudinal data and a binary outcome. <i>Statistics in Medicine</i> , 2007, 26, 2229-2245.	1.6	61
64	Evolution of Prevalence of Depressive Symptoms and Antidepressant Use Between 1988 and 1999 in a Large Sample of Older French People: Results from the Personnes Agées Quotidien Study. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 1839-1845.	2.6	28
65	Random Change-point Model for Joint Modeling of Cognitive Decline and Dementia. <i>Biometrics</i> , 2006, 62, 254-260.	1.4	52
66	A Nonlinear Model with Latent Process for Cognitive Evolution Using Multivariate Longitudinal Data. <i>Biometrics</i> , 2006, 62, 1014-1024.	1.4	70
67	Estimation of dynamical model parameters taking into account undetectable marker values. <i>BMC Medical Research Methodology</i> , 2006, 6, 38.	3.1	40
68	Sensitivity of Four Psychometric Tests to Measure Cognitive Changes in Brain Aging-Population-based Studies. <i>American Journal of Epidemiology</i> , 2006, 165, 344-350.	3.4	155
69	Joint frailty models for recurring events and death using maximum penalized likelihood estimation: application on cancer events. <i>Biostatistics</i> , 2006, 8, 708-721.	1.5	151
70	Estimation of linear mixed models with a mixture of distribution for the random effects. <i>Computer Methods and Programs in Biomedicine</i> , 2005, 78, 165-173.	4.7	60
71	Joint modelling of bivariate longitudinal data with informative dropout and left-censoring, with application to the evolution of CD4+ cell count and HIV RNA viral load in response to treatment of HIV infection. <i>Statistics in Medicine</i> , 2005, 24, 65-82.	1.6	76
72	The 9 year cognitive decline before dementia of the Alzheimer type: a prospective population-based study. <i>Brain</i> , 2005, 128, 1093-1101.	7.6	378

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73	Ten-year change in disability prevalence and related factors in two generations of French elderly community dwellers: data from the PAQUID study. <i>Aging Clinical and Experimental Research</i> , 2005, 17, 229-235.	2.9	22
74	Mixed models for longitudinal left-censored repeated measures. <i>Computer Methods and Programs in Biomedicine</i> , 2004, 74, 255-260.	4.7	94
75	An Example of Nonrandom Missing Data for Hepatitis C Virus Status in a Prognostic Study Among HIV-Infected Patients. <i>HIV Clinical Trials</i> , 2004, 5, 224-231.	2.0	6
76	A Latent Process Model for Joint Modeling of Events and Marker. <i>Lifetime Data Analysis</i> , 2003, 9, 331-343.	0.9	17
77	Bivariate Longitudinal Model For The Analysis Of The Evolution Of Hiv Rna And Cd4 Cell Count In Hiv Infection Taking Into Account Left Censoring Of Hiv Rna Measures. <i>Journal of Biopharmaceutical Statistics</i> , 2003, 13, 271-282.	0.8	17
78	Time-Updated CD4+ T Lymphocyte Count and HIV RNA as Major Markers of Disease Progression in Naive HIV-1-Infected Patients Treated With a Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003, 33, 380-386.	2.1	18
79	Analysis of Undetectable HIV RNA Using Survival Analysis: Results Must Be Interpreted Carefully. <i>HIV Clinical Trials</i> , 2003, 4, 417-420.	2.0	1
80	Bivariate linear mixed models using SAS proc MIXED. <i>Computer Methods and Programs in Biomedicine</i> , 2002, 69, 249-256.	4.7	93
81	Penalized likelihood approach to estimate a smooth mean curve on longitudinal data. <i>Statistics in Medicine</i> , 2002, 21, 2391-2402.	1.6	9
82	Cardiovascular mortality and calcium and magnesium in drinking water: An ecological study in elderly people. <i>European Journal of Epidemiology</i> , 2002, 18, 305-309.	5.7	41
83	Letter and Category Fluency in Normal Elderly Participants: a Population-Based Study. <i>Aging, Neuropsychology, and Cognition</i> , 2001, 8, 98-108.	1.3	43
84	Viral Load as a Primary Outcome in Human Immunodeficiency Virus Trials. <i>Contemporary Clinical Trials</i> , 2001, 22, 639-658.	1.9	19
85	Modeling Changes in CD4-positive T-Lymphocyte Counts after the Start of Highly Active Antiretroviral Therapy and the Relation with Risk of Opportunistic Infections The Aquitaine Cohort, 1996-1997. <i>American Journal of Epidemiology</i> , 2001, 153, 386-393.	3.4	45
86	Clinical progression of HIV-1 infection according to the viral response during the first year of antiretroviral treatment. <i>Aids</i> , 2000, 14, 971-978.	2.2	80
87	Intake of flavonoids and risk of dementia. <i>European Journal of Epidemiology</i> , 2000, 16, 357-363.	5.7	537
88	A cognitive screening battery for dementia in the elderly. <i>Journal of Clinical Epidemiology</i> , 2000, 53, 980-987.	5.0	39
89	Analysis of left-censored longitudinal data with application to viral load in HIV infection. <i>Biostatistics</i> , 2000, 1, 355-368.	1.5	102
90	Relation between Aluminum Concentrations in Drinking Water and Alzheimer's Disease: An 8-year Follow-up Study. <i>American Journal of Epidemiology</i> , 2000, 152, 59-66.	3.4	305

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91	Prevalence of asthma and mean levels of air pollution: results from the French PAARC survey. <i>European Respiratory Journal</i> , 1999, 14, 132.	6.7	32
92	Risk Factors for Fractures in the Elderly. <i>Epidemiology</i> , 1998, 9, 417-423.	2.7	51
93	A 5-Year Longitudinal Study of the Mini-Mental State Examination in Normal Aging. <i>American Journal of Epidemiology</i> , 1997, 145, 498-506.	3.4	242
94	TESTS OF GEOGRAPHICAL CORRELATION WITH ADJUSTMENT FOR EXPLANATORY VARIABLES: AN APPLICATION TO DYSPNOEA IN THE ELDERLY. <i>Statistics in Medicine</i> , 1997, 16, 1283-1297.	1.6	33
95	Tests of Homogeneity for Generalized Linear Models. <i>Journal of the American Statistical Association</i> , 1995, 90, 1237-1246.	3.1	46
96	Tests of Homogeneity for Generalized Linear Models. <i>Journal of the American Statistical Association</i> , 1995, 90, 1237.	3.1	14
97	Components of Drinking Water and Risk of Cognitive Impairment in the Elderly. <i>American Journal of Epidemiology</i> , 1994, 139, 48-57.	3.4	84