Virginie Rondeau

List of Publications by Year
in descending order

91	4,599	186265 28	102487 66
papers	citations	h-index	g-index

95	95	95	6409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Health Risk Assessment for Aluminium, Aluminium Oxide, and Aluminium Hydroxide. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2007, 10, 1-269.	6.5	741
2	Adherence to a Mediterranean Diet, Cognitive Decline, and Risk of Dementia. JAMA - Journal of the American Medical Association, 2009, 302, 638.	7.4	643
3	Relation between Aluminum Concentrations in Drinking Water and Alzheimer's Disease: An 8-year Follow-up Study. American Journal of Epidemiology, 2000, 152, 59-66.	3.4	305
4	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. American Journal of Epidemiology, 2008, 169, 489-496.	3.4	253
5	Twenty five year mortality and air pollution: results from the French PAARC survey. Occupational and Environmental Medicine, 2005, 62, 453-460.	2.8	234
6	A multi-center trial of the effects of oral nutritional supplementation in critically ill older inpatients. Nutrition, 2000, 16, 1-5.	2.4	217
7	Non-AIDS-defining deaths and immunodeficiency in the era of combination antiretroviral therapy. Aids, 2009, 23, 1743-1753.	2.2	200
8	frailtypack: AnRPackage for the Analysis of Correlated Survival Data with Frailty Models Using Penalized Likelihood Estimation or Parametrical Estimation. Journal of Statistical Software, 2012, 47, .	3.7	159
9	Joint frailty models for recurring events and death using maximum penalized likelihood estimation: application on cancer events. Biostatistics, 2006, 8, 708-721.	1.5	151
10	Maximum penalized likelihood estimation in a gamma-frailty model. Lifetime Data Analysis, 2003, 9, 139-153.	0.9	95
11	Factors associated with breast cancer recurrences or mortality and dynamic prediction of death using history of cancer recurrences: the French E3N cohort. BMC Cancer, 2018, 18, 171.	2.6	75
12	Neurobehavioral effects of long-term exposure to pesticides: results from the 4-year follow-up of the PHYTONER Study. Occupational and Environmental Medicine, 2011, 68, 108-115.	2.8	74
13	Effects of particulate air pollution on systolic blood pressure: A population-based approach. Environmental Research, 2006, 101, 89-93.	7.5	72
14	A joint frailty-copula model between tumour progression and death for meta-analysis. Statistical Methods in Medical Research, 2017, 26, 2649-2666.	1.5	70
15	A Review of Epidemiologic Studies on Aluminum and Silica in Relation to Alzheimer's Disease and Associated Disorders. Reviews on Environmental Health, 2002, 17, 107-21.	2.4	54
16	frailtypack: A computer program for the analysis of correlated failure time data using penalized likelihood estimation. Computer Methods and Programs in Biomedicine, 2005, 80, 154-164.	4.7	54
17	Agricultural exposures to carbamate herbicides and fungicides and central nervous system tumour incidence in the cohort AGRICAN. Environment International, 2019, 130, 104876.	10.0	53
18	Personalized dynamic prediction of death according to tumour progression and high-dimensional genetic factors: Meta-analysis with a joint model. Statistical Methods in Medical Research, 2018, 27, 2842-2858.	1.5	52

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19	Cardiac Rhythm Disturbances in Hemodialysis Patients. JACC: Clinical Electrophysiology, 2018, 4, 397-408.	3.2	47
20	Cure frailty models for survival data: Application to recurrences for breast cancer and to hospital readmissions for colorectal cancer. Statistical Methods in Medical Research, 2013, 22, 243-260.	1.5	44
21	Investigating trial and treatment heterogeneity in an individual patient data metaâ€analysis of survival data by means of the penalized maximum likelihood approach. Statistics in Medicine, 2008, 27, 1894-1910.	1.6	37
22	Dynamic prediction of risk of death using history of cancer recurrences in joint frailty models. Statistics in Medicine, 2013, 32, 5366-5380.	1.6	37
23	Levels and determinants of pesticide exposure in re-entry workers in vineyards: Results of the PESTEXPO study. Environmental Research, 2014, 132, 360-369.	7.5	37
24	A joint model for the dependence between clustered times to tumour progression and deaths: A meta-analysis of chemotherapy in head and neck cancer. Statistical Methods in Medical Research, 2015, 24, 711-729.	1.5	37
25	Levels and determinants of pesticide exposure in operators involved in treatment of vineyards: results of the PESTEXPO Study. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 593-600.	3.9	36
26	Nested frailty models using maximum penalized likelihood estimation. Statistics in Medicine, 2006, 25, 4036-4052.	1.6	35
27	General joint frailty model for recurrent event data with a dependent terminal event: Application to follicular lymphoma data. Statistics in Medicine, 2012, 31, 1162-1176.	1.6	35
28	Meta-analyses evaluating surrogate endpoints for overall survival in cancer randomized trials: A critical review. Critical Reviews in Oncology/Hematology, 2018, 123, 21-41.	4.4	33
29	Tutorial in Joint Modeling and Prediction: A Statistical Software for Correlated Longitudinal Outcomes, Recurrent Events and a Terminal Event. Journal of Statistical Software, 2017, 81, .	3.7	31
30	Kinesiophobia and physical therapy-related pain in musculoskeletal pain: A national multicenter cohort study on patients and their general physicians. Joint Bone Spine, 2018, 85, 101-107.	1.6	30
31	Multivariate frailty models for two types of recurrent events with a dependent terminal event: Application to breast cancer data. Biometrical Journal, 2013, 55, 866-884.	1.0	29
32	Joint Model for Left-Censored Longitudinal Data, Recurrent Events and Terminal Event: Predictive Abilities of Tumor Burden for Cancer Evolution With Application to the FFCD 2000â€“05 Trial. Biometrics, 2016, 72, 907-916.	1.4	28
33	Joint modelling of longitudinal and multiâ€state processes: application to clinical progressions in prostate cancer. Statistics in Medicine, 2016, 35, 3933-3948.	1.6	28
34	Do Subject Characteristics Modify the Effects of Particulate Air Pollution on Daily Mortality Among the Elderly?. Journal of Occupational and Environmental Medicine, 2004, 46, 1115-1122.	1.7	27
35	Analysis of the effect of aluminum in drinking water and transferrin C2 allele on Alzheimer's disease. European Journal of Neurology, 2006, 13, 1022-1025.	3.3	24
36	Investigating hospital heterogeneity with a multi-state frailty model: application to nosocomial pneumonia disease in intensive care units. BMC Medical Research Methodology, 2012, 12, 79.	3.1	24

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37	Central nervous system tumors and agricultural exposures in the prospective cohort AGRICAN. International Journal of Cancer, 2017, 141, 1771-1782.	5.1	24
38	Conditional copula models for correlated survival endpoints: Individual patient data meta-analysis of randomized controlled trials. Statistical Methods in Medical Research, 2021, 30, 2634-2650.	1.5	23
39	Statistical models for recurrent events and death: Application to cancer events. Mathematical and Computer Modelling, 2010, 52, 949-955.	2.0	22
40	A standardised approach towards PROving the efficacy of foods and food constituents for health CLAIMs (PROCLAIM): providing guidance. British Journal of Nutrition, 2011, 106, S16-S28.	2.3	22
41	Sociodemographic, socioeconomic, and clinical determinants of survival in patients with cancer: A systematic review of the literature focused on the elderly. Journal of Geriatric Oncology, 2018, 9, 6-14.	1.0	22
42	Air pollution and activation of mobile medical team for out-of-hospital cardiac arrest. American Journal of Emergency Medicine, 2015, 33, 367-372.	1.6	21
43	A three-level model for binary time-series data: the effects of air pollution on school absences in the Southern California Children's Health Study. Statistics in Medicine, 2005, 24, 1103-1115.	1.6	20
44	Freshâ€frozen plasma transfusion did not reduce 30â€day mortality in patients undergoing cardiopulmonary bypass cardiac surgery with excessive bleeding: the <scp>PLASMACARD</scp> multicenter cohort study. Transfusion, 2014, 54, 1114-1124.	1.6	20
45	Impact of close-proximity air pollution on lung function in schoolchildren in the French West Indies. BMC Public Health, 2015, 15, 45.	2.9	19
46	Survival Analysis to Estimate Association between Short-Term Mortality and Air Pollution. Environmental Health Perspectives, 2006, 114, 242-247.	6.0	17
47	Increased risk of central nervous system tumours with carbamate insecticide use in the prospective cohort AGRICAN. International Journal of Epidemiology, 2019, 48, 512-526.	1.9	17
48	Accelerated Failure Time Models for Semi-Competing Risks Data in the Presence of Complex Censoring. Biometrics, 2017, 73, 1401-1412.	1.4	16
49	Immune-checkpoint inhibitors and candidate surrogate endpoints for overall survival across tumour types: A systematic literature review. Critical Reviews in Oncology/Hematology, 2019, 137, 35-42.	4.4	16
50	Separate and combined analysis of successive dependent outcomes after breast-conservation surgery: recurrence, metastases, second cancer and death. BMC Cancer, 2010, 10, 697.	2.6	14
51	Risk factors for the presence and extent of Developmental Orthopaedic Disease in the limbs of young horses: Insights from a count model. Preventive Veterinary Medicine, 2011, 101, 96-106.	1.9	14
52	A joint frailty model to estimate the recurrence process and the diseaseâ€specific mortality process without needing the cause of death. Statistics in Medicine, 2014, 33, 3147-3166.	1.6	13
53	Dynamic prediction models for clustered and interval-censored outcomes: Investigating the intra-couple correlation in the risk of dementia. Statistical Methods in Medical Research, 2017, 26, 2168-2183.	1.5	12
54	Determinants of Smoking Cessation Attempts Among HIV-Infected Patients: Results from a Hospital-Based Prospective Cohort. Current HIV Research, 2010, 8, 212-217.	0.5	11

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55	Validation of death prediction after breast cancer relapses using joint models. BMC Medical Research Methodology, 2015, 15, 27.	3.1	10
56	Identification of different malaria patterns due to Plasmodium falciparum and Plasmodium vivax in Ethiopian children: a prospective cohort study. Malaria Journal, 2016, 15, 208.	2.3	10
57	Time-varying coefficients in a multivariate frailty model: Application to breast cancer recurrences of several types and death. Lifetime Data Analysis, 2016, 22, 191-215.	0.9	10
58	Examining the influence of drop-outs in a follow-up of maintained opiate users. Drug and Alcohol Dependence, 2005, 79, 303-310.	3.2	9
59	The Joint Frailty-Copula Model for Correlated Endpoints. SpringerBriefs in Statistics, 2019, , 39-58.	0.4	9
60	Surrogate endpoints in advanced sarcoma trials: a meta-analysis. Oncotarget, 2018, 9, 34617-34627.	1.8	9
61	Standardized martingale residuals applied to grouped left truncated observations of dementia cases. Lifetime Data Analysis, 2000, 6, 229-235.	0.9	8
62	Concordance measures in shared frailty models: application to clustered data in cancer prognosis. Statistics in Medicine, 2013, 32, 4803-4820.	1.6	8
63	A joint frailtyâ€copula model for metaâ€analytic validation of failure time surrogate endpoints in clinical trials. Biometrical Journal, 2021, 63, 423-446.	1.0	8
64	Multivariate joint frailty model for the analysis of nonlinear tumor kinetics and dynamic predictions of death. Statistics in Medicine, 2018, 37, 2148-2161.	1.6	7
65	Two-part joint model for a longitudinal semicontinuous marker and a terminal event with application to metastatic colorectal cancer data. Biostatistics, 2022, 23, 50-68.	1.5	7
66	Oneâ€step validation method for surrogate endpoints using data from multiple randomized cancer clinical trials with failureâ€time endpoints. Statistics in Medicine, 2019, 38, 2928-2942.	1.6	6
67	The Epidemiology of Aluminium and Alzheimerâ€™s Disease. , 2001, , 59-73.		5
68	Joint nested frailty models for clustered recurrent and terminal events: An application to colonoscopy screening visits and colorectal cancer risks in Lynch Syndrome families. Statistical Methods in Medical Research, 2020, 29, 1466-1479.	1.5	5
69	Twenty-Five-Year Mortality and Air Pollution: Results from the French PAARC Survey. Epidemiology, 2006, 17, S70.	2.7	5
70	Morbidity and Health care Resource Utilization in HIV-Infected Children After Antiretroviral Therapy Initiation in CÃ´te d'Ivoire, 2004â€“2009. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, e95-e103.	2.1	4
71	Design and analysis of nested caseâ€“control studies for recurrent events subject to a terminal event. Statistics in Medicine, 2019, 38, 4348-4362.	1.6	4
72	Improving the evaluation of COPD exacerbation treatment effects by accounting for early treatment discontinuations: a post-hoc analysis of randomized clinical trials. Respiratory Research, 2020, 21, 158.	3.6	3

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73	Socioeconomic status and its relation with breast cancer recurrence and survival in young women in the Netherlands. Cancer Epidemiology, 2022, 77, 102118.	1.9	3
74	Prediction of patients with multiple myeloma eligible for second- or third-line treatment in France. Annals of Hematology, 2016, 95, 1307-1313.	1.8	2
75	Cervical preparation prior to surgical abortion in real-life conditions and factors driving the prescription: A national observational study. Journal of Gynecology Obstetrics and Human Reproduction, 2017, 46, 715-719.	1.3	2
76	Compliance with national guidelines for antibiotic prophylaxis prescription with a surgical abortion: Results of the Mya study. Journal of Gynecology Obstetrics and Human Reproduction, 2019, 48, 315-317.	1.3	2
77	How to use frailtypack for validating failure-time surrogate endpoints using individual patient data from meta-analyses of randomized controlled trials. PLoS ONE, 2020, 15, e0228098.	2.5	2
78	Do Subject Characteristics Modify the Effects of Particulate Air Pollution on Daily Mortality Among the Elderly?. Journal of Occupational and Environmental Medicine, 2005, 47, 543-545.	1.7	1
79	Incorporation of nested frailties into semiparametric multiâ€state models. Statistics in Medicine, 2016, 35, 609-621.	1.6	1
80	Joint model imputation to estimate the treatment effect on long-term survival using auxiliary events. Journal of Biopharmaceutical Statistics, 2017, 27, 1043-1053.	0.8	1
81	High-Dimensional Covariates in the Joint Frailty-Copula Model. SpringerBriefs in Statistics, 2019, , 59-75.	0.4	1
82	Personalized Dynamic Prediction of Survival. SpringerBriefs in Statistics, 2019, , 77-93.	0.4	1
83	Sample size estimation for cancer randomized trials in the presence of heterogeneous populations. Biometrics, 2022, 78, 1662-1673.	1.4	1
84	Surrogate properties of survival endpoints in metastatic soft-tissue sarcoma: A meta-analysis.. Journal of Clinical Oncology, 2015, 33, 10547-10547.	1.6	1
85	Cox Models: Lepeule et al. Respond. Environmental Health Perspectives, 2006, 114, .	6.0	0
86	Author's reply to: Occupational and residential exposure to electromagnetic fields and risk of brain tumours in adults: A case-control study in Gironde, France. International Journal of Cancer, 2012, 130, 744-744.	5.1	0
87	Reply to â€˜Interpretation of concordance measures for clustered dataâ€™. Statistics in Medicine, 2014, 33, 717-718.	1.6	0
88	KinÃ©siophobie et douleur induite par la kinÃ©sithÃ©rapie dans la prise en charge des douleurs dâ€™origine musculo-squelettiqueÂ: Ã©tude dâ€™une cohorte nationale multicentrique de patients et leur mÃ©decin gÃ©nÃ©raliste. Revue Du Rhumatisme (Edition Francaise), 2018, 85, 339-345.	0.0	0
89	Introduction to Multivariate Survival Analysis. SpringerBriefs in Statistics, 2019, , 9-37.	0.4	0
90	Cox Models: Lepeule et al. Respond. Environmental Health Perspectives, 2006, 114, A691-A691.	6.0	0

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91	Predictive ability of tumor growth modeling for overall survival in metastatic colorectal cancer.. Journal of Clinical Oncology, 2015, 33, e14619-e14619.	1.6	0