Koen Simons

List of Publications by Year
in descending order

52 papers	1,301 citations	623699 14 h-index	361001 35 g-index
55 all docs	55 docs citations	55 times ranked	2237 citing authors

#	Article	IF	Citations
1	Circulating Tumor DNA Analyses as Markers of Recurrence Risk and Benefit of Adjuvant Therapy for Stage III Colon Cancer. JAMA Oncology, 2019, 5, 1710.	7.1	383
2	Serial circulating tumour DNA analysis during multimodality treatment of locally advanced rectal cancer: a prospective biomarker study. Gut, 2019, 68, 663-671.	12.1	234
3	Circulating tumor DNA as a potential marker of adjuvant chemotherapy benefit following surgery for localized pancreatic cancer. Annals of Oncology, 2019, 30, 1472-1478.	1.2	141
4	The Urban Liveability Index: developing a policy-relevant urban liveability composite measure and evaluating associations with transport mode choice. International Journal of Health Geographics, 2019, 18, 14.	2.5	85
5	Using spatial measures to test a conceptual model of social infrastructure that supports health and wellbeing. Cities and Health, 2017, 1, 194-209.	2.6	63
6	Reflection on modern methods: when worlds collide—prediction, machine learning and causal inference. International Journal of Epidemiology, 2021, 49, 2058-2064.	1.9	55
7	Comparative long-term trend analysis of daily weather conditions with daily pollen concentrations in Brussels, Belgium. International Journal of Biometeorology, 2018, 62, 483-491.	3.0	51
8	Cold snare piecemeal EMR of large sessile colonic polyps≥20 mm (with video). Gastrointestinal Endoscopy, 2020, 91, 1343-1352.	1.0	44
9	Re‐inventing the randomized controlled trial in medical oncology: The registry‐based trial. Asia-Pacific Journal of Clinical Oncology, 2018, 14, 365-373.	1.1	30
10	The impact of social housing on mental health: longitudinal analyses using marginal structural models and machine learning-generated weights. International Journal of Epidemiology, 2018, 47, 1414-1422.	1.9	24
11	Short-Term Effect of Pollen and Spore Exposure on Allergy Morbidity in the Brussels-Capital Region. EcoHealth, 2016, 13, 303-315.	2.0	19
12	The impact of cultural and linguistic diversity on hospital readmission in patients hospitalized with acute heart failure. European Heart Journal Quality of Care & Clinical Outcomes, 2020, 6, 121-129.	4.0	19
13	Respiratory medication sales and urban air pollution in Brussels (2005 to 2011). Environment International, 2016, 94, 576-582.	10.0	17
14	Thyroid Cancer Incidence in the Vicinity of Nuclear Sites in Belgium, 2000–2008. Thyroid, 2014, 24, 906-917.	4.5	14
15	Comparing MCMC and INLA for disease mapping with Bayesian hierarchical models. Archives of Public Health, 2015, 73, .	2.4	13
16	The Cytome Assay as a Tool to Investigate the Possible Association Between Exposure to Extremely Low Frequency Magnetic Fields and an Increased Risk for Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 50, 741-749.	2.6	12
17	Direct cost saving potential in medication costs due to a reduction in outdoor air pollution for the Brussels Capital Region. Science of the Total Environment, 2016, 562, 760-765.	8.0	10
18	Daily Walking among Commuters: A Cross-Sectional Study of Associations with Residential, Work, and Regional Accessibility in Melbourne, Australia (2012–2014). Environmental Health Perspectives, 2019, 127, 97004.	6.0	9

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19	Factors influencing hospital admission and associated hospital costs of traffic victims admitted to an emergency department. Journal of Transport and Health, 2015, 2, 406-413.	2.2	8
20	Cross-sectional evidence of the cardiometabolic health benefits of urban liveability in Australia. Npj Urban Sustainability, 2021, 1, .	8.0	7
21	Thyroid cancer incidence around the Belgian nuclear sites: Surrogate exposure modelling. Cancer Epidemiology, 2015, 39, 48-54.	1.9	6
22	Short-term health effects in the general population following a major train accident with acrylonitrile in Belgium. Environmental Research, 2016, 148, 256-263.	7.5	6
23	Effects of rotational thromboelastometry–guided transfusion management in patients undergoing surgical intervention for postpartum hemorrhage: An observational study. Transfusion, 2021, 61, 2898-2905.	1.6	6
24	Bone Mineral Density Compared to Trabecular Bone Score in Primary Hyperparathyroidism. Journal of Clinical Medicine, 2022, 11, 330.	2.4	6
25	Walking the boundaries: using the 6-min walk test for accurate assessment of the level of fitness in breast clinic outpatients. ANZ Journal of Surgery, 2020, 90, 1141-1145.	0.7	5
26	Obstetric anal sphincter injuries (OASIS) in multiparous women with the use of epidural anaesthesia: A retrospective cohort study. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2021, 61, 30-34.	1.0	5
27	Registry–based randomized clinical trials as a method to improve cancer care in Australia. Asia-Pacific Journal of Clinical Oncology, 2019, 15, 188-189.	1.1	4
28	Handover using ISBAR principles in two perioperative sites – A quality improvement project. Journal of Perioperative Nursing, 2020, 33, .	0.1	4
29	Ten-year prediction model for post-bronchodilator airflow obstruction and early detection of COPD: development and validation in two middle-aged population-based cohorts. BMJ Open Respiratory Research, 2021, 8, e001138.	3.0	4
30	A feasibility study to investigate post-operative oxygen consumption (POpOC) after colorectal surgery requiring bowel resection. Pilot and Feasibility Studies, 2019, 5, 94.	1.2	3
31	Using electronic medical record data to assess chronic kidney disease, type 2 diabetes and cardiovascular disease testing, recognition and management as documented in Australian general practice: a cross-sectional analysis. Family Medicine and Community Health, 2022, 10, e001006.	1.6	3
32	Childhood leukaemia near nuclear sites in Belgium, 2002–2008. European Journal of Cancer Prevention, 2018, 27, 184-191.	1.3	2
33	Optimizing Prediction of the Lung Function Features of COPD. Chest, 2020, 157, 738.	0.8	2
34	Anaemia and its impact on colorectal cancer patients: how can we better optimize surgical outcomes?. ANZ Journal of Surgery, 2021, 91, E280-E285.	0.7	2
35	Simulation enhanced distributed lag models for mortality displacement. SpringerPlus, 2016, 5, 1951.	1.2	1
36	FO058DETECTION AND MANAGEMENT OF CHRONIC KIDNEY DISEASE AND DIABETES WITH E-TECHNOLOGY BASED INTERVENTION: ANALYSIS OF THE CHRONIC DISEASE EARLY DETECTION AND IMPROVED MANAGEMENT IN PRIMARY CARE PROJECT (CD IMPACT). Nephrology Dialysis Transplantation, 2019, 34, .	0.7	1

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37	Short-run effects of poverty on asthma, ear infections and health service use: analysis of the Longitudinal Study of Australian Children. International Journal of Epidemiology, 2021, 50, 1526-1539.	1.9	1
38	Mobility Deterioration During Acute Pneumonia Illness Is Associated With Increased Hospital Length of Stay and Health Service Costs: An Observational Study. Cardiopulmonary Physical Therapy Journal, 2021, 32, 156-166.	0.3	1
39	Perioperative handover using ISBAR at two sites: A quality improvement project. Journal of Perioperative Nursing, 2018, 31, .	0.1	1
40	Ensemble post-processing is a promising method to obtain flexible distributed lag models. Air Quality, Atmosphere and Health, 2016, 9, 835-846.	3.3	0
41	Research for City Practice. Cities and Health, 2017, 1, 108-119.	2.6	0
42	P2745Use of left ventricular deformation imaging to predict heart failure risk in cardiac inpatients. European Heart Journal, 2018, 39, .	2.2	0
43	P4377Use of LV Deformation Imaging to predict long term Heart Failure Risk in high risk patients. European Heart Journal, 2019, 40, .	2.2	0
44	Response. Gastrointestinal Endoscopy, 2020, 92, 1142-1143.	1.0	0
45	Patterns of surveillance for colorectal cancer: Experience from a single large tertiary institution. Asia-Pacific Journal of Clinical Oncology, 2021, 17, 343-349.	1.1	0
46	P0746SUSTAINABILITY OF AN ELECTRONIC TECHNOLOGY BASED INTERVENTION IN GENERAL PRACTICE TO IMPROVE THE DETECTION AND MANAGEMENT OF THE INTERRELATED CHRONIC VASCULAR DISEASES. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
47	Alleviating ecological bias in linking radon exposure to health outcomes. ISEE Conference Abstracts, 2013, 2013, 5101.	0.0	0
48	Alleviating ecological bias in linking radon exposure to acute childhood leukaemia. ISEE Conference Abstracts, 2013, 2013, 5839.	0.0	0
49	The Bruxair Study: Associations between Ambient Air Pollution and Acute Health Effects in Brussels. ISEE Conference Abstracts, 2014, 2014, 2563.	0.0	0
50	Analysis Of The Short-Term Effect Of Pollen And Spore Exposure On Allergy Medication Sales. ISEE Conference Abstracts, 2015, 2015, 2013.	0.0	0
51	Respiratory medication sales and urban air pollution in Brussels (2005 to 2011). , 2016, , .		0
52	Predictions of post-bronchodilator airflow obstruction by longitudinal asthma and wheeze patterns in middle-age. , 2021, , .		0