

Bert Vaes

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

3,019
citations

172386

29
h-index

189801

50
g-index

123
all docs

123
docs citations

123
times ranked

5565
citing authors

#	ARTICLE	IF	CITATIONS
1	Short Physical Performance Battery and all-cause mortality: systematic review and meta-analysis. <i>BMC Medicine</i> , 2016, 14, 215.	2.3	534
2	Muscle Strength and Physical Performance as Predictors of Mortality, Hospitalization, and Disability in the Oldest Old. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1030-1038.	1.3	168
3	The prevalence of sarcopenia in very old individuals according to the European consensus definition: insights from the BELFRAIL study. <i>Age and Ageing</i> , 2013, 42, 727-734.	0.7	97
4	Too many, too few, or too unsafe? Impact of inappropriate prescribing on mortality, and hospitalization in a cohort of community-dwelling oldest old. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1382-1392.	1.1	85
5	Mobile Phone-Based Use of the Photoplethysmography Technique to Detect Atrial Fibrillation in Primary Care: Diagnostic Accuracy Study of the FibrCheck App. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12284.	1.8	82
6	The BELFRAIL (BFC80+) study: a population-based prospective cohort study of the very elderly in Belgium. <i>BMC Geriatrics</i> , 2010, 10, 39.	1.1	78
7	Associations Between Cytomegalovirus Infection and Functional Impairment and Frailty in the <scp>BELFRAIL</scp> Cohort. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 2201-2208.	1.3	72
8	The relationship between grip strength and muscle mass (MM), inflammatory biomarkers and physical performance in community-dwelling very old persons. <i>Archives of Gerontology and Geriatrics</i> , 2013, 57, 345-351.	1.4	72
9	The diagnostic accuracy of the MyDiagnostick to detect atrial fibrillation in primary care. <i>BMC Family Practice</i> , 2014, 15, 113.	2.9	71
10	Epidemiology of knee osteoarthritis in general practice: a registry-based study. <i>BMJ Open</i> , 2020, 10, e031734.	0.8	68
11	The relationship of multimorbidity with disability and frailty in the oldest patients: A cross-sectional analysis of three measures of multimorbidity in the BELFRAIL cohort. <i>European Journal of General Practice</i> , 2015, 21, 39-44.	0.9	62
12	No relation between vitamin D status and physical performance in the oldest old: results from the Belfrail study. <i>Age and Ageing</i> , 2013, 42, 186-190.	0.7	60
13	Trends in multimorbidity and polypharmacy in the Flemish-Belgian population between 2000 and 2015. <i>PLoS ONE</i> , 2019, 14, e0212046.	1.1	54
14	Association of Thyroid Dysfunction With Cognitive Function. <i>JAMA Internal Medicine</i> , 2021, 181, 1440.	2.6	51
15	Apathy and depressive symptoms in older people and incident myocardial infarction, stroke, and mortality: a systematic review and meta-analysis of individual participant data. <i>Clinical Epidemiology</i> , 2018, Volume 10, 363-379.	1.5	49
16	The impact of a nurse-led care programme on events and physical and psychosocial parameters in patients with heart failure with preserved ejection fraction: A randomized clinical trial in primary care in Russia. <i>European Journal of General Practice</i> , 2010, 16, 205-214.	0.9	48
17	Improving care for heart failure patients in primary care, GPs' perceptions: a qualitative evidence synthesis. <i>BMJ Open</i> , 2016, 6, e013459.	0.8	46
18	Clinical Validation of Heart Rate Apps: Mixed-Methods Evaluation Study. <i>JMIR MHealth and UHealth</i> , 2017, 5, e129.	1.8	43

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19	Association between traditional cardiovascular risk factors and mortality in the oldest old: untangling the role of frailty. <i>BMC Geriatrics</i> , 2017, 17, 234.	1.1	41
20	The Relation Between Thyroid Function and Anemia: A Pooled Analysis of Individual Participant Data. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3658-3667.	1.8	39
21	Polypharmacy in a Belgian cohort of community-dwelling oldest old (80+). <i>Acta Clinica Belgica</i> , 2016, 71, 158-166.	0.5	38
22	Interleukin-6 predicts short-term global functional decline in the oldest old: results from the BELFRAIL study. <i>Age</i> , 2014, 36, 9723.	3.0	36
23	Clinical Relevance of a Raised Plasma N-terminus Brain Natriuretic Peptide Level in a Population-based Cohort of Nonagenarians. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 823-829.	1.3	35
24	A High Sense of Coherence as Protection Against Adverse Health Outcomes in Patients Aged 80 Years and Older. <i>Annals of Family Medicine</i> , 2016, 14, 337-343.	0.9	35
25	The prevalence of cardiac dysfunction and the correlation with poor functioning among the very elderly. <i>International Journal of Cardiology</i> , 2012, 155, 134-143.	0.8	34
26	Interventions for frail community-dwelling older adults have no significant effect on adverse outcomes: a systematic review and meta-analysis. <i>BMC Geriatrics</i> , 2018, 18, 249.	1.1	34
27	Interleukin-6 as a first-rated serum inflammatory marker to predict mortality and hospitalization in the oldest old: A regression and CART approach in the BELFRAIL study. <i>Experimental Gerontology</i> , 2015, 69, 53-61.	1.2	33
28	No relation between CMV infection and mortality in the oldest old: results from the Belfrail study. <i>Age and Ageing</i> , 2015, 44, 130-135.	0.7	32
29	The correlation between blood pressure and kidney function decline in older people: a registry-based cohort study. <i>BMJ Open</i> , 2015, 5, e007571.	0.8	31
30	Association between atrial fibrillation, anticoagulation, risk of cerebrovascular events and multimorbidity in general practice: a registry-based study. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 61.	0.7	31
31	Burden of heart failure in Flemish general practices: a registry-based study in the Intego database. <i>BMJ Open</i> , 2019, 9, e022972.	0.8	31
32	Low thyroid function is not associated with an accelerated deterioration in renal function. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 650-659.	0.4	31
33	The glomerular filtration rate estimated by new and old equations as a predictor of important outcomes in elderly patients. <i>BMC Medicine</i> , 2014, 12, 27.	2.3	30
34	CD4:8 Ratio >5 Is Associated With a Dominant Naive T-Cell Phenotype and Impaired Physical Functioning in CMV-Seropositive Very Elderly People: Results From the BELFRAIL Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 143-154.	1.7	30
35	Significance of serum immune markers in identification of global functional impairment in the oldest old: cross-sectional results from the BELFRAIL study. <i>Age</i> , 2014, 36, 457-467.	3.0	29
36	Mortality, hospitalisation, institutionalisation in community-dwelling oldest old: The impact of medication. <i>Archives of Gerontology and Geriatrics</i> , 2016, 65, 9-16.	1.4	29

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37	Detection of potentially inappropriate prescribing in the very old: cross-sectional analysis of the data from the BELFRAIL observational cohort study. <i>BMC Geriatrics</i> , 2015, 15, 156.	1.1	26
38	Multimorbidity measures were poor predictors of adverse events in patients aged ≥ 80 years: a prospective cohort study. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 220-227.	2.4	25
39	The clinical impact of valvular heart disease in a population-based cohort of subjects aged 80 and older. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 7.	0.7	23
40	Clinical decision support improves the appropriateness of laboratory test ordering in primary care without increasing diagnostic error: the ELMO cluster randomized trial. <i>Implementation Science</i> , 2020, 15, 100.	2.5	21
41	To screen or not to screen for peripheral arterial disease in subjects aged 80 and over in primary health care: a cross-sectional analysis from the BELFRAIL study. <i>BMC Family Practice</i> , 2011, 12, 39.	2.9	20
42	Airflow limitation by the Global Lungs Initiative equations in a cohort of very old adults. <i>European Respiratory Journal</i> , 2015, 46, 123-132.	3.1	19
43	Short-term prognostic value of forced expiratory volume in 1 st second divided by height cubed in a prospective cohort of people 80 years and older. <i>BMC Geriatrics</i> , 2015, 15, 15.	1.1	18
44	CD4:8 Ratio Above 5 Is Associated With All-Cause Mortality in CMV-Seronegative Very Old Women: Results From the BELFRAIL Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw215.	1.7	17
45	Time trends in statin use and incidence of recurrent cardiovascular events in secondary prevention between 1999 and 2013: a registry-based study. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 209.	0.7	17
46	The accuracy of plasma natriuretic peptide levels for diagnosis of cardiac dysfunction and chronic heart failure in community-dwelling elderly: a systematic review. <i>Age and Ageing</i> , 2009, 38, 655-662.	0.7	16
47	Prevalence and Prognostic Impact of Valve Area \times Gradient Patterns in Patients ≥ 80 Years With Moderate-to-Severe Aortic Stenosis (from the Prospective BELFRAIL Study). <i>American Journal of Cardiology</i> , 2015, 116, 925-932.	0.7	16
48	General practitioners' perceptions about their role in current and future heart failure care: an exploratory qualitative study. <i>BMC Health Services Research</i> , 2019, 19, 432.	0.9	15
49	Anticholinergic Exposure in a Cohort of Adults Aged 80 years and Over. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 591-600.	1.2	14
50	Correlates of dyspnoea and its association with adverse outcomes in a cohort of adults aged 80 and over. <i>Age and Ageing</i> , 2017, 46, 994-1000.	0.7	14
51	Fast and optimal algorithm for case-control matching using registry data: application on the antibiotics use of colorectal cancer patients. <i>BMC Medical Research Methodology</i> , 2021, 21, 62.	1.4	14
52	Health Data for Research Through a Nationwide Privacy-Proof System in Belgium: Design and Implementation. <i>JMIR Medical Informatics</i> , 2018, 6, e11428.	1.3	14
53	Diagnostic accuracy of plasma NT-proBNP levels for excluding cardiac abnormalities in the very elderly. <i>BMC Geriatrics</i> , 2010, 10, 85.	1.1	13
54	Estimating GFR in the oldest old: does it matter what equation we use?. <i>Age and Ageing</i> , 2011, 40, 401-405.	0.7	13

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55	Predictive Value of Different Expressions of Forced Expiratory Volume in 1 Second (FEV1) for Adverse Outcomes in a Cohort of Adults Aged 80 and Older. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 123-130.	1.2	13
56	Comorbidity burden in the first three years after diagnosis in patients with rheumatoid arthritis, psoriatic arthritis or spondyloarthritis: a general practice registry-based study. <i>RMD Open</i> , 2021, 7, e001671.	1.8	13
57	Methods to identify heart failure patients in general practice and their impact on patient characteristics: A systematic review. <i>International Journal of Cardiology</i> , 2018, 257, 199-206.	0.8	12
58	Patient Characteristics and General Practitioners' Advice to Stop Statins in Oldest-Old Patients: a Survey Study Across 30 Countries. <i>Journal of General Internal Medicine</i> , 2019, 34, 1751-1757.	1.3	12
59	The effect of electronic audits and feedback in primary care and factors that contribute to their effectiveness: a systematic review. <i>International Journal for Quality in Health Care</i> , 2020, 32, 708-720.	0.9	12
60	Impact of primary care involvement and setting on multidisciplinary heart failure management: a systematic review and meta-analysis. <i>ESC Heart Failure</i> , 2021, 8, 802-818.	1.4	12
61	An automated data cleaning method for Electronic Health Records by incorporating clinical knowledge. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 267.	1.5	12
62	Predictors of poor-quality spirometry in two cohorts of older adults in Russia and Belgium: a cross-sectional study. <i>Npj Primary Care Respiratory Medicine</i> , 2015, 25, 15048.	1.1	11
63	Accuracy, user-friendliness and usefulness of the Cobas h232 point-of-care test for NT-proBNP in primary care. <i>Journal of Clinical Pathology</i> , 2018, 71, 539-545.	1.0	11
64	Should we keep on measuring multimorbidity?. <i>Journal of Clinical Epidemiology</i> , 2016, 71, 113-114.	2.4	10
65	Health problems associated with irritable bowel syndrome: analysis of a primary care registry. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 47, 1349-1357.	1.9	10
66	Estimating the prevalence of diabetes mellitus and thyroid disorders using medication data in Flanders, Belgium. <i>European Journal of Public Health</i> , 2018, 28, 193-198.	0.1	10
67	Predictive Accuracy of Frailty Tools for Adverse Outcomes in a Cohort of Adults 80 Years and Older: A Decision Curve Analysis. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 440.e1-440.e8.	1.2	10
68	Impact of an extended audit on identifying heart failure patients in general practice: baseline results of the OSCAR pilot study. <i>ESC Heart Failure</i> , 2020, 7, 3950-3961.	1.4	10
69	Polypharmacy and excessive polypharmacy in community-dwelling middle aged and aged adults between 2011 and 2015. <i>International Journal of Clinical Practice</i> , 2021, 75, e13942.	0.8	10
70	The impact of confounders on the test performance of natriuretic peptides for cardiac dysfunction in subjects aged 80 and older. <i>Peptides</i> , 2012, 38, 118-126.	1.2	9
71	The influence of renal function on vitamin D metabolism in the very elderly. <i>Journal of Nutrition, Health and Aging</i> , 2013, 17, 107-111.	1.5	8
72	Is there a correlation between an eGFR slope measured over a 5-year period and incident cardiovascular events in the following 5 years among a Flemish general practice population: a retrospective cohort study. <i>BMJ Open</i> , 2018, 8, e023594.	0.8	8

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73	Defining quality indicators for heart failure in general practice. <i>Acta Cardiologica</i> , 2019, 74, 291-298.	0.3	8
74	Malnutrition risk and its association with adverse outcomes in a Belgian cohort of community-dwelling adults aged 80 years and over. <i>Acta Clinica Belgica</i> , 2020, 76, 1-8.	0.5	8
75	Cardiologists'™ perceptions on multidisciplinary collaboration in heart failure care - a qualitative study. <i>BMC Health Services Research</i> , 2021, 21, 170.	0.9	8
76	A Heart Rate Monitoring App (FibriCheck) for Atrial Fibrillation in General Practice: Pilot Usability Study. <i>JMIR Formative Research</i> , 2021, 5, e24461.	0.7	8
77	The prevalence and detection of chronic kidney disease (CKD)-related metabolic complications as a function of estimated glomerular filtration rate in the oldest old. <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, e419-e425.	1.4	7
78	Assessing testing rates for viral hepatitis B and C by general practitioners in Flanders, Belgium: a registry-based study. <i>BMJ Open</i> , 2019, 9, e026464.	0.8	7
79	Coding Systems for Clinical Decision Support: Theoretical and Real-World Comparative Analysis. <i>JMIR Formative Research</i> , 2020, 4, e16094.	0.7	7
80	General practitioners' judgement of chronic heart failure in the oldest old: Insights from the BELFRAIL study. <i>International Journal of Cardiology</i> , 2015, 191, 120-127.	0.8	6
81	Diagnostic rules and algorithms for the diagnosis of non-acute heart failure in patients 80+ years of age and older: a diagnostic accuracy and validation study. <i>BMJ Open</i> , 2016, 6, e012888.	0.8	6
82	Prevalence of Atherosclerotic Cardiovascular Disease, Heart Failure, and Chronic Kidney Disease in Patients with Type 2 Diabetes Mellitus: A Primary Care Research Network-based Study. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, 447-453.	0.6	6
83	Drug prescriptions unadapted to the renal function in patients aged 80 years and older. <i>European Journal of General Practice</i> , 2014, 20, 190-195.	0.9	5
84	The health and economic impact of acute gastroenteritis in Belgium, 2010-2014. <i>Epidemiology and Infection</i> , 2019, 147, e146.	1.0	5
85	Think-aloud study about the diagnosis of chronic heart failure in Belgian general practice. <i>BMJ Open</i> , 2019, 9, e025922.	0.8	5
86	Optimising standards of care of heart failure in general practice the OSCAR-HF pilot study protocol. <i>Acta Cardiologica</i> , 2019, 74, 371-379.	0.3	5
87	Biomarkers versus traditional risk factors to predict cardiovascular events in very old adults: cross-validated prospective cohort study. <i>BMJ Open</i> , 2020, 10, e035809.	0.8	5
88	Machine learning optimization of an electronic health record audit for heart failure in primary care. <i>ESC Heart Failure</i> , 2022, 9, 39-47.	1.4	5
89	Value of Adding Natriuretic Peptides and Electrocardiographic Findings to Assess the Presence of Cardiac Dysfunction in Patients ≥80 Years of Age. <i>American Journal of Cardiology</i> , 2013, 111, 1198-1208.	0.7	4
90	The relationship between physical performance and cardiac function in an elderly Russian cohort. <i>Archives of Gerontology and Geriatrics</i> , 2014, 59, 554-561.	1.4	4

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91	Polypharmacy in a Belgian cohort of community-dwelling oldest old: baseline observations and associated risk factors. <i>Clinical Therapeutics</i> , 2015, 37, e8.	1.1	4
92	Treatment intentions of general practitioners regarding hypertension in the oldest old: a vignette study. <i>BMC Family Practice</i> , 2016, 17, 122.	2.9	4
93	Factors associated with Prolonged Inaction in the hypoglycaemic treatment in people with non-insulin dependent Type 2 Diabetes and elevated glycated haemoglobin: A registry-based cohort study. <i>Primary Care Diabetes</i> , 2017, 11, 482-489.	0.9	4
94	Prognostic value of short-term decline of forced expiratory volume in 1Âs over height cubed (FEV1/Ht3) in a cohort of adults aged 80 and over. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 507-516.	1.4	4
95	Low cholesterol levels are associated with a high mortality risk in older adults without statins therapy: An externally validated cohort study. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104180.	1.4	4
96	Burden of infections on older patients presenting to general practice: a registry-based study. <i>Family Practice</i> , 2021, 38, 165-171.	0.8	4
97	The effect of automated audit and feedback on data completeness in the electronic health record of the general physician: protocol for a cluster randomized controlled trial. <i>Trials</i> , 2021, 22, 325.	0.7	4
98	Impact of Heat Waves on Hospitalisation and Mortality in Nursing Homes: A Case-Crossover Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10697.	1.2	4
99	Fast two-stage estimator for clustered count data with overdispersion. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 2678-2693.	0.7	3
100	Implementing standards of care for heart failure patients in general practice â€“ the IMPACT-B study protocol. <i>Acta Cardiologica</i> , 2021, 76, 486-493.	0.3	3
101	The incidence of lower respiratory tract infections and pneumococcal vaccination status in adults in flemish primary care. <i>Acta Clinica Belgica</i> , 2021, 76, 335-345.	0.5	3
102	Cellular Immune Phenotypes and Worsening Scores of Frailty-Associated Parameters Over an 18-Month Period in the Very Old. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1356-1361.	1.7	3
103	Multimorbiditeit: een complex fenomeen. <i>Huisarts Nu</i> , 2015, 44, 23-25.	0.0	2
104	Validation of a new mortality risk prediction model for people 65 years and older in northwest Russia: The Crystal risk score. <i>Archives of Gerontology and Geriatrics</i> , 2017, 71, 105-114.	1.4	2
105	The effect of a case-finding app on the detection rate of atrial fibrillation compared with opportunistic screening in primary care patients: protocol for a cluster randomized trial. <i>Trials</i> , 2021, 22, 525.	0.7	2
106	Pneumococcal vaccination prevented severe LRTIs in adults: a causal inference framework applied in registry data. <i>Journal of Clinical Epidemiology</i> , 2022, 143, 118-127.	2.4	2
107	Development of primary care quality indicators for chronic obstructive pulmonary disease using a Delphi-derived method. <i>Npj Primary Care Respiratory Medicine</i> , 2022, 32, 12.	1.1	2
108	Integration of Chronic Care in a Fragmented Healthcare System Comment on "Integration or Fragmentation of Health Care? Examining Policies and Politics in a Belgian Case Study". <i>International Journal of Health Policy and Management</i> , 2022, , .	0.5	2

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109	Impact of medication use on mortality in Belgian community-dwelling oldest Old. <i>Clinical Therapeutics</i> , 2015, 37, e105-e106.	1.1	1
110	Optimal weighted estimation versus Cochranâ€™Mantelâ€™Haenszel. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 3645-3659.	0.6	1
111	Incorporating Baseline Outcome Data in Individual Participant Data Meta-Analysis of Non-randomized Studies. <i>Frontiers in Psychiatry</i> , 2022, 13, 774251.	1.3	1
112	Use of antibiotics and colorectal cancer risk: a primary care nested caseâ€™control study in Belgium. <i>BMJ Open</i> , 2021, 11, e053511.	0.8	1
113	Response to <sc>D</sc>r. <sc>S</sc>trandberg etÂal. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1389-1389.	1.3	0
114	Evaluating the scripts and thresholds of general practitioners for diagnosing heart failure in elderly people. <i>BMC Family Practice</i> , 2016, 17, 86.	2.9	0