

# Laurien M Buffart

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

4,624  
citations

109321

35  
h-index

110387

64  
g-index

108  
all docs

108  
docs citations

108  
times ranked

5363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-performed Five Times Sit-to-stand test at home as (pre-)screening tool for frailty in cancer survivors: Reliability and agreement assessment. <i>Journal of Clinical Nursing</i> , 2023, 32, 1370-1380.	3.0	3
2	Associations of fat and muscle mass with overall survival in men with prostate cancer: a systematic review with meta-analysis. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 615-626.	3.9	27
3	Impact of Dutch COVID-19 restrictive policy measures on physical activity behavior and identification of correlates of physical activity changes: a cohort study. <i>BMC Public Health</i> , 2022, 22, 147.	2.9	12
4	Experiences, adherence and satisfaction with a combined exercise and dietary intervention for patients with ovarian cancer undergoing chemotherapy: A mixed-methods study. <i>Gynecologic Oncology</i> , 2022, 165, 619-628.	1.4	4
5	Facilitators and barriers for the implementation of exercise as medicine in routine clinical care in Dutch university medical centres: a mixed methodology study on clinicians' perceptions. <i>BMJ Open</i> , 2022, 12, e052920.	1.9	6
6	Physical activity levels in patients with melanoma during treatment with immune checkpoint inhibitors: Fitbit results from the CAMP-IT trial. <i>Journal of Clinical Oncology</i> , 2022, 40, e13610-e13610.	1.6	0
7	The construct validity of the Steep Ramp Test for assessing cardiorespiratory fitness in patients with breast cancer, and the impact of chemotherapy-related symptom burden. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, , .	0.9	0
8	What is the minimal dose for resistance exercise effectiveness in prostate cancer patients? Systematic review and meta-analysis on patient-reported outcomes. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 465-481.	3.9	17
9	Smartphone measurements of physical activity and fitness are associated with early trial discontinuation of patients in (hemo)oncology phase I/II clinical trials. <i>Supportive Care in Cancer</i> , 2021, 29, 3783-3792.	2.2	2
10	Does exercise intensity matter for fatigue during (neo-)adjuvant cancer treatment? The PhysCan randomized clinical trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1144-1159.	2.9	32
11	Clinical Predictors of Early Trial Discontinuation for Patients Participating in Phase I Clinical Trials in Oncology. <i>Cancers</i> , 2021, 13, 2304.	3.7	2
12	Effects of physical exercise on natural killer cell activity during (neo)adjuvant chemotherapy: A randomized pilot study. <i>Physiological Reports</i> , 2021, 9, e14919.	1.7	13
13	The association between wearable activity monitor metrics and performance status in oncology: a systematic review. <i>Supportive Care in Cancer</i> , 2021, 29, 7085-7099.	2.2	7
14	Towards Optimal Timing and Method for promoting sustained adherence to lifestyle and body weight recommendations in postmenopausal breast cancer survivors (the OPTIMUM-study): protocol for a longitudinal mixed-method study. <i>BMC Women's Health</i> , 2021, 21, 268.	2.0	3
15	Survival Benefit of Repeat Local Treatment in Patients Suffering From Early Recurrence of Colorectal Cancer Liver Metastases. <i>Clinical Colorectal Cancer</i> , 2021, 20, e263-e272.	2.3	5
16	The effect of spinal manipulative therapy on pain relief and function in patients with chronic low back pain: an individual participant data meta-analysis. <i>Physiotherapy</i> , 2021, 112, 121-134.	0.4	22
17	Moderators of the Effect of Spinal Manipulative Therapy on Pain Relief and Function in Patients with Chronic Low Back Pain. <i>Spine</i> , 2021, 46, E505-E517.	2.0	13
18	Carboplatin Dosing in Children Using Estimated Glomerular Filtration Rate: Equation Matters. <i>Cancers</i> , 2021, 13, 5963.	3.7	3

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19	From accelerometer output to physical activity intensities in breast cancer patients. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 176-181.	1.3	2
20	Demographic, clinical and lifestyle-related correlates of accelerometer assessed physical activity and fitness in newly diagnosed patients with head and neck cancer. <i>Acta Oncologica</i> , 2020, 59, 342-350.	1.8	16
21	Adherence to and satisfaction with low-intensity physical activity and supervised moderate-high intensity exercise during chemotherapy for breast cancer. <i>Supportive Care in Cancer</i> , 2020, 28, 2115-2126.	2.2	16
22	Moderators of Exercise Effects on Cancer-related Fatigue: A Meta-analysis of Individual Patient Data. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 303-314.	0.4	50
23	Physical activity in patients with cancer: self-report versus accelerometer assessments. <i>Supportive Care in Cancer</i> , 2020, 28, 3701-3709.	2.2	18
24	Moderators of the effect of psychosocial interventions on fatigue in women with breast cancer and men with prostate cancer: Individual patient data meta-analyses. <i>Psycho-Oncology</i> , 2020, 29, 1772-1785.	2.3	11
25	Muscle contractile properties of cancer patients receiving chemotherapy: Assessment of feasibility and exercise effects. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1918-1929.	2.9	8
26	Effects and moderators of coping skills training on symptoms of depression and anxiety in patients with cancer: Aggregate data and individual patient data meta-analyses. <i>Clinical Psychology Review</i> , 2020, 80, 101882.	11.4	7
27	Rationale and study protocol of the Physical Activity and Dietary intervention in women with OVARian cancer (PADOVA) study: a randomised controlled trial to evaluate effectiveness of a tailored exercise and dietary intervention on body composition, physical function and fatigue in women with ovarian cancer undergoing chemotherapy. <i>BMC Open</i> , 2020, 10, e036854.	1.9	18
28	Implementing Individually Tailored Prescription of Physical Activity in Routine Clinical Care: Protocol of the Physicians Implement Exercise = Medicine (PIE=M) Development and Implementation Project. <i>JMIR Research Protocols</i> , 2020, 9, e19397.	1.0	8
29	Long-term effectiveness and cost-effectiveness of an 18-week supervised exercise program in patients treated with autologous stem cell transplantation: results from the EXIST study. <i>Journal of Cancer Survivorship</i> , 2019, 13, 558-569.	2.9	31
30	Effects and moderators of exercise on sleep in adults with cancer: Individual patient data and aggregated meta-analyses. <i>Journal of Psychosomatic Research</i> , 2019, 124, 109746.	2.6	20
31	Predictors for early trial discontinuation of patients with cancer participating in phase I clinical trials. <i>Annals of Oncology</i> , 2019, 30, v187.	1.2	1
32	The association between wearable device physical activity metrics and performance status in oncology: A systematic review. <i>Annals of Oncology</i> , 2019, 30, v583.	1.2	0
33	Ecological momentary assessments among patients with cancer: A scoping review. <i>European Journal of Cancer Care</i> , 2019, 28, e13095.	1.5	32
34	Which exercise prescriptions optimize $\dot{V}O_{2\max}$ during cancer treatment? A systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1274-1287.	2.9	11
35	Development and use of a flexible data harmonization platform to facilitate the harmonization of individual patient data for meta-analyses. <i>BMC Research Notes</i> , 2019, 12, 164.	1.4	12
36	How Does a Supervised Exercise Program Improve Quality of Life in Patients with Cancer? A Concept Mapping Study Examining Patients' Perspectives. <i>Oncologist</i> , 2019, 24, e374-e383.	3.7	10

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37	Evaluating The Translation Of Dutch Exercise Oncology Trials Into Clinical Practice Using The RE-AIM Framework. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 426-427.	0.4	0
38	Effects and moderators of exercise on muscle strength, muscle function and aerobic fitness in patients with cancer: a meta-analysis of individual patient data. <i>British Journal of Sports Medicine</i> , 2019, 53, 812-812.	6.7	67
39	Relationship Between Accelerometer Output And Oxygen Consumption In Patients With Breast Cancer After Chemotherapy Treatment. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 880-880.	0.4	0
40	Demographic, clinical, lifestyle-related, and social-cognitive correlates of physical activity in head and neck cancer survivors. <i>Supportive Care in Cancer</i> , 2018, 26, 1447-1456.	2.2	9
41	Long-term effectiveness and cost-effectiveness of high versus low-to-moderate intensity resistance and endurance exercise interventions among cancer survivors. <i>Journal of Cancer Survivorship</i> , 2018, 12, 417-429.	2.9	43
42	Effects and moderators of psychosocial interventions on quality of life, and emotional and social function in patients with cancer: An individual patient data meta-analysis of 22 RCTs. <i>Psycho-Oncology</i> , 2018, 27, 1150-1161.	2.3	74
43	Tailoring exercise interventions to comorbidities and treatment-induced adverse effects in patients with early stage breast cancer undergoing chemotherapy: a framework to support clinical decisions. <i>Disability and Rehabilitation</i> , 2018, 40, 486-496.	1.8	43
44	Lessons learnt from a process evaluation of an exercise intervention in patients treated with autologous stem cell transplantation. <i>European Journal of Cancer Care</i> , 2018, 27, e12779.	1.5	9
45	Which exercise prescriptions improve quality of life and physical function in patients with cancer during and following treatment? A systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2018, 52, 505-513.	6.7	177
46	Time on androgen deprivation therapy and adaptations to exercise: secondary analysis from a 12-month randomized controlled trial in men with prostate cancer. <i>BJU International</i> , 2018, 121, 194-202.	2.5	20
47	Patient-reported physical activity and the association with health-related quality of life in head and neck cancer survivors. <i>Supportive Care in Cancer</i> , 2018, 26, 1087-1095.	2.2	15
48	Higher Muscle Strength Is Associated with Prolonged Survival in Older Patients with Advanced Cancer. <i>Oncologist</i> , 2018, 23, 580-585.	3.7	61
49	Feasibility, validity and reliability of objective smartphone measurements of physical activity and fitness in patients with cancer. <i>BMC Cancer</i> , 2018, 18, 1052.	2.6	31
50	Effects of a combined physical and psychosocial training for children with cancer: a randomized controlled trial. <i>BMC Cancer</i> , 2018, 18, 1289.	2.6	37
51	Impact of Patient- and Clinician-Reported Cumulative Toxicity on Quality of Life in Patients With Metastatic Castration-Naïve Prostate Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2018, 16, 1481-1488.	4.9	13
52	Targeting Exercise Interventions to Patients With Cancer in Need: An Individual Patient Data Meta-Analysis. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1190-1200.	6.3	72
53	The predictive value of cumulative toxicity for quality of life in patients with metastatic colorectal cancer during first-line palliative chemotherapy. <i>Cancer Management and Research</i> , 2018, Volume 10, 3015-3021.	1.9	10
54	Effect and moderators of exercise on fatigue in patients with cancer: Meta-analysis of individual patient data.. <i>Journal of Clinical Oncology</i> , 2018, 36, 104-104.	1.6	3

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55	Health-related physical fitness in patients with multiple myeloma or lymphoma recently treated with autologous stem cell transplantation. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 116-122.	1.3	11
56	Muscle mass as a target to reduce fatigue in patients with advanced cancer. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 623-629.	7.3	72
57	Validation and Refinement of Prediction Models to Estimate Exercise Capacity in Cancer Survivors Using the Steep Ramp Test. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 2167-2173.	0.9	15
58	Design of a randomized controlled trial of physical training and cancer (Phys-Can) – the impact of exercise intensity on cancer related fatigue, quality of life and disease outcome. <i>BMC Cancer</i> , 2017, 17, 218.	2.6	38
59	Effects and moderators of exercise on quality of life and physical function in patients with cancer: An individual patient data meta-analysis of 34 RCTs. <i>Cancer Treatment Reviews</i> , 2017, 52, 91-104.	7.7	398
60	Patient-Reported Symptom Monitoring During Chemotherapy. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1935.	7.4	0
61	The impact of cumulative toxicity on physical quality of life in patients with metastatic colorectal cancer receiving first line chemotherapy.. <i>Journal of Clinical Oncology</i> , 2017, 35, 3564-3564.	1.6	1
62	Randomized controlled trial on the effects of a supervised high intensity exercise program in patients with a hematologic malignancy treated with autologous stem cell transplantation: Results from the EXIST study. <i>PLoS ONE</i> , 2017, 12, e0181313.	2.5	64
63	Objective smartphone measurements of physical activity and fitness in patients with cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, 132-132.	1.6	0
64	Why do patients choose (not) to participate in an exercise trial during adjuvant chemotherapy for breast cancer?. <i>Psycho-Oncology</i> , 2016, 25, 964-970.	2.3	72
65	Participation in and adherence to physical exercise after completion of primary cancer treatment. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 100.	4.6	73
66	Demographic, clinical, psychosocial, and environmental correlates of objectively assessed physical activity among breast cancer survivors. <i>Supportive Care in Cancer</i> , 2016, 24, 3333-3342.	2.2	40
67	Mediators of Exercise Effects on HRQoL in Cancer Survivors after Chemotherapy. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1859-1865.	0.4	24
68	Sport en de oncologische patiënt. , 2016, , 61-65.		0
69	Randomized controlled trial of the effects of high intensity and low-to-moderate intensity exercise on physical fitness and fatigue in cancer survivors: results of the Resistance and Endurance exercise After ChemoTherapy (REACT) study. <i>BMC Medicine</i> , 2015, 13, 275.	5.5	128
70	The effect, moderators, and mediators of resistance and aerobic exercise on health-related quality of life in older long-term survivors of prostate cancer. <i>Cancer</i> , 2015, 121, 2821-2830.	4.1	63
71	Effect of Low-Intensity Physical Activity and Moderate- to High-Intensity Physical Exercise During Adjuvant Chemotherapy on Physical Fitness, Fatigue, and Chemotherapy Completion Rates: Results of the PACES Randomized Clinical Trial. <i>Journal of Clinical Oncology</i> , 2015, 33, 1918-1927.	1.6	453
72	Moderators of the effects of group-based physical exercise on cancer survivors' quality of life. <i>Supportive Care in Cancer</i> , 2015, 23, 2623-2631.	2.2	19

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73	The association between health related quality of life and survival in patients with head and neck cancer: A systematic review. <i>Oral Oncology</i> , 2015, 51, 1-11.	1.5	62
74	A comprehensive assessment protocol including patient reported outcomes, physical tests, and biological sampling in newly diagnosed patients with head and neck cancer: is it feasible?. <i>Supportive Care in Cancer</i> , 2014, 22, 3321-3330.	2.2	13
75	Determinants of exercise adherence and maintenance among cancer survivors: a systematic review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014, 11, 80.	4.6	149
76	Physical activity and the risk of developing lung cancer among smokers: A meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 67-71.	1.3	46
77	Evidence-based physical activity guidelines for cancer survivors: Current guidelines, knowledge gaps and future research directions. <i>Cancer Treatment Reviews</i> , 2014, 40, 327-340.	7.7	201
78	Mediators of the resistance and aerobic exercise intervention effect on physical and general health in men undergoing androgen deprivation therapy for prostate cancer. <i>Cancer</i> , 2014, 120, 294-301.	4.1	38
79	The course of health-related quality of life in head and neck cancer patients treated with chemoradiation: A prospective cohort study. <i>Radiotherapy and Oncology</i> , 2014, 110, 422-428.	0.6	73
80	Cancer patients's experiences with and perceived outcomes of yoga: results from focus groups. <i>Supportive Care in Cancer</i> , 2013, 21, 1861-1870.	2.2	29
81	Fatigue mediates the relationship between physical fitness and quality of life in cancer survivors. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 99-104.	1.3	39
82	Predicting Optimal Cancer Rehabilitation and Supportive care (POLARIS): rationale and design for meta-analyses of individual patient data of randomized controlled trials that evaluate the effect of physical activity and psychosocial interventions on health-related quality of life in cancer survivors. <i>Systematic Reviews</i> , 2013, 2, 75.	5.3	35
83	Effects of exercise in patients treated with stem cell transplantation for a hematologic malignancy: A systematic review and meta-analysis. <i>Cancer Treatment Reviews</i> , 2013, 39, 682-690.	7.7	121
84	Health-related quality of life and disease specific symptoms in long-term thyroid cancer survivors: A study from the population-based PROFILES registry. <i>Acta Oncologica</i> , 2013, 52, 249-258.	1.8	120
85	Physical and psychosocial benefits of yoga in cancer patients and survivors, a systematic review and meta-analysis of randomized controlled trials. <i>BMC Cancer</i> , 2012, 12, 559.	2.6	263
86	Self-Reported Physical Activity: Its Correlates and Relationship with Health-Related Quality of Life in a Large Cohort of Colorectal Cancer Survivors. <i>PLoS ONE</i> , 2012, 7, e36164.	2.5	83
87	Alpe d'AuZes Cancer Rehabilitation (A-CaRe) Research: Four Randomized Controlled Exercise Trials and Economic Evaluations in Cancer Patients and Survivors. <i>International Journal of Behavioral Medicine</i> , 2012, 19, 143-156.	1.7	23
88	Validation of the Physical Activity Scale for Individuals With Physical Disabilities. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 923-928.	0.9	71
89	Psychometric properties of two physical activity questionnaires, the AQuAA and the PASE, in cancer patients. <i>BMC Medical Research Methodology</i> , 2011, 11, 30.	3.1	47
90	Design of the Resistance and Endurance exercise After ChemoTherapy (REACT) study: A randomized controlled trial to evaluate the effectiveness and cost-effectiveness of exercise interventions after chemotherapy on physical fitness and fatigue. <i>BMC Cancer</i> , 2010, 10, 658.	2.6	23

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91	Design of the Exercise intervention after Stem cell Transplantation (EXIST) study: a randomized controlled trial to evaluate the effectiveness and cost-effectiveness of an individualized high intensity physical exercise program on fitness and fatigue in patients with multiple myeloma or (non-) Hodgkin's lymphoma treated with high dose chemotherapy and autologous stem cell transplantation. <i>BMC Cancer</i> , 2010, 10, 671.	2.6	35
92	Promoting physical activity in an adolescent and a young adult with physical disabilities. <i>Disability and Health Journal</i> , 2010, 3, 86-92.	2.8	19
93	Lifestyle, participation, and health-related quality of life in adolescents and young adults with myelomeningocele. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 886-894.	2.1	60
94	Perceived barriers to and facilitators of physical activity in young adults with childhood-onset physical disabilities. <i>Journal of Rehabilitation Medicine</i> , 2009, 41, 881-885.	1.1	111
95	Current Experiences With the Prosthetic Upper Extremity Functional Index in Follow-Up of Children With Upper Limb Reduction Deficiency. <i>Journal of Prosthetics and Orthotics</i> , 2009, 21, 110-114.	0.4	10
96	Health-related physical fitness of adolescents and young adults with myelomeningocele. <i>European Journal of Applied Physiology</i> , 2008, 103, 181-188.	2.5	36
97	Are general practitioners ready and willing to tackle obesity management?. <i>Obesity Research and Clinical Practice</i> , 2008, 2, 189-194.	1.8	11
98	Cardiovascular Disease Risk Factors and the Relationships With Physical Activity, Aerobic Fitness, and Body Fat in Adolescents and Young Adults With Myelomeningocele. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 2167-2173.	0.9	61
99	Triad of physical activity, aerobic fitness and obesity in adolescents and young adults with myelomeningocele. <i>Acta Dermato-Venereologica</i> , 2008, 40, 70-75.	1.3	83
100	Hand Function and Activity Performance of Children with Longitudinal Radial Deficiency. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2408-2415.	3.0	25
101	Sports participation in adolescents and young adults with myelomeningocele and its role in total physical activity behaviour and fitness. <i>Journal of Rehabilitation Medicine</i> , 2008, 40, 702-708.	1.1	26
102	Evaluation of arm and prosthetic functioning in children with a congenital transverse reduction deficiency of the upper limb. <i>Acta Dermato-Venereologica</i> , 2007, 39, 379-386.	1.3	34
103	Comparison of Instruments to Assess Hand Function in Children With Radius Deficiencies. <i>Journal of Hand Surgery</i> , 2007, 32, 531-540.	1.6	23
104	Assessment of arm/hand functioning in children with a congenital transverse or longitudinal reduction deficiency of the upper limb. <i>Disability and Rehabilitation</i> , 2006, 28, 85-95.	1.8	55
105	Cardiovascular Responses to Electrical Stimulation-Induced Leg Cycling Versus Voluntary Arm Cranking Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S60.	0.4	0
106	Exploring Moderators of the Effect of High vs. Low-to-Moderate Intensity Exercise on Cardiorespiratory Fitness During Breast Cancer Treatment – Analyses of a Subsample From the Phys-Can RCT. <i>Frontiers in Sports and Active Living</i> , 0, 4, .	1.8	2