# Sebastien Chastin

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 152 papers | 8,215 citations | 41 h-index | 89 g-index |
| 165 ext. papers | 11,821 ext. citations | 4.4 avg, IF | 6.34 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 152 | Investigating the association between regeneration of urban blue spaces and risk of incident chronic health conditions stratified by neighbourhood deprivation: A population-based retrospective study, 2000-2018.. *International Journal of Hygiene and Environmental Health*, **2022**, 240, 113923 | 6.9 | 0 |
| 151 | Conceptualization of a cognitively enriched walking program for older adults: a co-design study with experts and end users.. *BMC Geriatrics*, **2022**, 22, 167 | 4.1 | 1 |
| 150 | Factors influencing usage of urban blue spaces: A systems-based approach to identify leverage points.. *Health and Place*, **2021**, 73, 102735 | 4.6 | 1 |
| 149 | Contrasting compositions of sitting, standing, stepping, and sleeping time: associations with glycaemic outcome by diabetes risk. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 155 | 8.4 | 1 |
| 148 | A study on prospective associations between adiposity and 7-year changes in movement behaviors among older women based on compositional data analysis. *BMC Geriatrics*, **2021**, 21, 203 | 4.1 | 0 |
| 147 | Mechanisms of Impact of Blue Spaces on Human Health: A Systematic Literature Review and Meta-Analysis. *International Journal of Environmental Research and Public Health*, **2021**, 18, | 4.6 | 13 |
| 146 | GRANADA consensus on analytical approaches to assess associations with accelerometer-determined physical behaviours (physical activity, sedentary behaviour and sleep) in epidemiological studies. *British Journal of Sports Medicine*, **2021**, | 10.3 | 15 |
| 145 | Effects of Regular Physical Activity on the Immune System, Vaccination and Risk of Community-Acquired Infectious Disease in the General Population: Systematic Review and Meta-Analysis. *Sports Medicine*, **2021**, 51, 1673-1686 | 10.6 | 40 |
| 144 | An Exploration of Sedentary Behavior Patterns in Community-Dwelling People With Stroke: A Cluster-Based Analysis. *Journal of Neurologic Physical Therapy*, **2021**, 45, 221-227 | 4.1 | 0 |
| 143 | Joint association between accelerometry-measured daily combination of time spent in physical activity, sedentary behaviour and sleep and all-cause mortality: a pooled analysis of six prospective cohorts using compositional analysis. *British Journal of Sports Medicine*, **2021**, 55, 1277-1285 | 10.3 | 9 |
| 142 | Striking the Right Balance: Evidence to Inform Combined Physical Activity and Sedentary Behavior Recommendations. *Journal of Physical Activity and Health*, **2021**, 18, 631-637 | 2.5 | 6 |
| 141 | Interventions for reducing sedentary behaviour in community-dwelling older adults. *The Cochrane Library*, **2021**, 6, CD012784 | 5.2 | 6 |
| 140 | Investigating the rigour of research findings in experimental studies assessing the effects of breaking up prolonged sitting - extended scoping review. *Brazilian Journal of Physical Therapy*, **2021**, 25, 4-16 | 3.7 | 2 |
| 139 | Older Adults' Daily Step Counts and Time in Sedentary Behavior and Different Intensities of Physical Activity. *Journal of Epidemiology*, **2021**, 31, 350-355 | 3.4 | 4 |
| 138 | Associations of older adults' physical activity and bout-specific sedentary time with frailty status: Compositional analyses from the NEIGE study. *Experimental Gerontology*, **2021**, 143, 111149 | 4.5 | 3 |
| 137 | Childhood Obesity and Device-Measured Sedentary Behavior: An Instrumental Variable Analysis of 3,864 Mother-Offspring Pairs. *Obesity*, **2021**, 29, 220-225 | 8 | 1 |
| 136 | Community-Based Approaches to Reducing Health Inequities and Fostering Environmental Justice through Global Youth-Engaged Citizen Science. *International Journal of Environmental Research and Public Health*, **2021**, 18, | 4.6 | 22 |

| | | | |
|---|---|---|---|
| 135 | Association of daily composition of physical activity and sedentary behaviour with incidence of cardiovascular disease in older adults. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 83 | 8.4 | 5 |
| 134 | Cross-sectional and prospective associations of sleep, sedentary and active behaviors with mental health in older people: a compositional data analysis from the Seniors-ENRICA-2 study. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 124 | 8.4 | 0 |
| 133 | Urban blue spaces and human health: A systematic review and meta-analysis of quantitative studies. *Cities*, **2021**, 119, 103413 | 5.6 | 9 |
| 132 | Compositional Data Analysis in Physical Activity and Health Research. Looking for the Right Balance **2021**, 363-382 | | |
| 131 | Factors associated with fatigue in hip and/or knee osteoarthritis: a systematic review and best evidence synthesis. *Rheumatology Advances in Practice*, **2021**, 5, rkab013 | 1.1 | 1 |
| 130 | Identifying conducive contexts and working mechanisms of sedentary behaviour interventions in older adults: a realist review protocol as part of the 'Stand UP Seniors' project. *BMJ Open*, **2021**, 11, e053942 | 3 | |
| 129 | Temporal associations between physical activity, mental activity and fatigue dimensions in knee osteoarthritis: an exploratory intensive longitudinal study. *Fatigue: Biomedicine, Health and Behavior*, **2020**, 8, 32-48 | 2.3 | 1 |
| 128 | Feasibility of Measuring Sedentary Time Using Data From a Thigh-Worn Accelerometer. *American Journal of Epidemiology*, **2020**, 189, 963-971 | 3.8 | 13 |
| 127 | Stroke survivors' perceptions of their sedentary behaviours three months after stroke. *Disability and Rehabilitation*, **2020**, 1-13 | 2.4 | 5 |
| 126 | Measuring group and individual relationship between patterns in sedentary behaviour and glucose in type 2 diabetes adults. *Practical Diabetes*, **2020**, 37, 13 | 0.7 | 0 |
| 125 | Prospective Changes in the Distribution of Movement Behaviors Are Associated With Bone Health in the Elderly According to Variations in their Frailty Levels. *Journal of Bone and Mineral Research*, **2020**, 35, 1236-1245 | 6.3 | 3 |
| 124 | Determinants of generalized fatigue in individuals with symptomatic knee osteoarthritis: The MOST Study. *International Journal of Rheumatic Diseases*, **2020**, 23, 559-568 | 2.3 | 4 |
| 123 | Sedentary behaviour is associated with depression symptoms: Compositional data analysis from a representative sample of 3233 US adults and older adults assessed with accelerometers. *Journal of Affective Disorders*, **2020**, 265, 59-62 | 6.6 | 20 |
| 122 | Is urinary incontinence associated with sedentary behaviour in older women? Analysis of data from the National Health and Nutrition Examination Survey. *PLoS ONE*, **2020**, 15, e0227195 | 3.7 | 9 |
| 121 | Associations of Objectively-Assessed Physical Activity and Sedentary Time with Hippocampal Gray Matter Volume in Children with Overweight/Obesity. *Journal of Clinical Medicine*, **2020**, 9, | 5.1 | 7 |
| 120 | A Pilot Randomised Clinical Trial of a Novel Approach to Reduce Sedentary Behaviour in Care Home Residents: Feasibility and Preliminary Effects of the GET READY Study. *International Journal of Environmental Research and Public Health*, **2020**, 17, | 4.6 | 2 |
| 119 | Integrating Sleep, Physical Activity, and Diet Quality to Estimate All-Cause Mortality Risk: A Combined Compositional Clustering and Survival Analysis of the National Health and Nutrition Examination Survey 2005-2006 Cycle. *American Journal of Epidemiology*, **2020**, 189, 1057-1064 | 3.8 | 5 |
| 118 | Mobility in Community Dwelling Older Adults: Predicting Successful Mobility Using an Instrumented Battery of Novel Measures. *Journal of Frailty & Aging,the*, **2020**, 9, 68-73 | 2.6 | 2 |

| | | | |
|---|---|---|---|
| 117 | Thigh-worn accelerometry for measuring movement and posture across the 24-hour cycle: a scoping review and expert statement. *BMJ Open Sport and Exercise Medicine*, **2020**, 6, e000874 | 3.4 | 15 |
| 116 | A systematic review of compositional data analysis studies examining associations between sleep, sedentary behaviour, and physical activity with health outcomes in adults. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, S248-S257 | 3 | 32 |
| 115 | Sedentary behaviour and health in adults: an overview of systematic reviews. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, S197-S217 | 3 | 67 |
| 114 | Canadian 24-Hour Movement Guidelines for Adults aged 18-64 years and Adults aged 65 years or older: an integration of physical activity, sedentary behaviour, and sleep. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, S57-S102 | 3 | 117 |
| 113 | Impact of free-living pattern of sedentary behaviour on intra-day glucose regulation in type 2 diabetes. *European Journal of Applied Physiology*, **2020**, 120, 171-179 | 3.4 | 3 |
| 112 | Associations of Sedentary and Physically-Active Behaviors With Cognitive-Function Decline in Community-Dwelling Older Adults: Compositional Data Analysis From the NEIGE Study. *Journal of Epidemiology*, **2020**, 30, 503-508 | 3.4 | 11 |
| 111 | Correlates of Meeting the Physical Activity, Sedentary Behavior, and Sleep Guidelines for the Early Years among Belgian Preschool Children: The ToyBox-Study. *International Journal of Environmental Research and Public Health*, **2020**, 17, | 4.6 | 2 |
| 110 | Diurnal patterns of objectively measured sedentary time and interruptions to sedentary time are associated with glycaemic indices in type 2 diabetes. *Journal of Science and Medicine in Sport*, **2020**, 23, 1074-1079 | 4.4 | 2 |
| 109 | World Health Organization 2020 guidelines on physical activity and sedentary behaviour. *British Journal of Sports Medicine*, **2020**, 54, 1451-1462 | 10.3 | 1192 |
| 108 | New global guidelines on sedentary behaviour and health for adults: broadening the behavioural targets. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 151 | 8.4 | 41 |
| 107 | Advancing the global physical activity agenda: recommendations for future research by the 2020 WHO physical activity and sedentary behavior guidelines development group. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 143 | 8.4 | 56 |
| 106 | Inequality in physical activity, global trends by income inequality and gender in adults. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 142 | 8.4 | 11 |
| 105 | The Impact of Regeneration and Climate Adaptations of Urban Green-Blue Assets on All-Cause Mortality: A 17-Year Longitudinal Study. *International Journal of Environmental Research and Public Health*, **2020**, 17, | 4.6 | 11 |
| 104 | The physical activity paradox revisited: a prospective study on compositional accelerometer data and long-term sickness absence. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 93 | 8.4 | 18 |
| 103 | Changes in rural older adults' sedentary and physically-active behaviors between a non-snowfall and a snowfall season: compositional analysis from the NEIGE study. *BMC Public Health*, **2020**, 20, 1248 | 4.1 | 2 |
| 102 | Cox regression survival analysis with compositional covariates: Application to modelling mortality risk from 24-h physical activity patterns. *Statistical Methods in Medical Research*, **2020**, 29, 1447-1465 | 2.3 | 27 |
| 101 | The Impact of Pulmonary Rehabilitation on 24-Hour Movement Behavior in People With Chronic Obstructive Pulmonary Disease: New Insights From a Compositional Perspective. *Journal of Physical Activity and Health*, **2020**, 18, 13-20 | 2.5 | 0 |
| 100 | Positive and negative well-being and objectively measured sedentary behaviour in older adults: evidence from three cohorts. *BMC Geriatrics*, **2019**, 19, 28 | 4.1 | 10 |

| | | | |
|---|---|---|---|
| 99 | Factors influencing sedentary behaviour: A system based analysis using Bayesian networks within DEDIPAC. *PLoS ONE*, **2019**, 14, e0211546 | 3.7 | 17 |
| 98 | Framework, principles and recommendations for utilising participatory methodologies in the co-creation and evaluation of public health interventions. *Research Involvement and Engagement*, **2019**, 5, 2 | 4.4 | 84 |
| 97 | Accuracy and inequalities in physical activity research. *The Lancet Global Health*, **2019**, 7, e183-e184 | 13.6 | 3 |
| 96 | Identifying factors associated with sedentary time after stroke. Secondary analysis of pooled data from nine primary studies. *Topics in Stroke Rehabilitation*, **2019**, 26, 327-334 | 2.6 | 13 |
| 95 | A Novel Approach to Reduce Sedentary Behaviour in Care Home Residents: The GET READY Study Utilising Service-Learning and Co-Creation. *International Journal of Environmental Research and Public Health*, **2019**, 16, | 4.6 | 8 |
| 94 | The Impact of Movement Behaviors on Bone Health in Elderly with Adequate Nutritional Status: Compositional Data Analysis Depending on the Frailty Status. *Nutrients*, **2019**, 11, | 6.7 | 12 |
| 93 | Dose-response between frequency of breaks in sedentary time and glucose control in type 2 diabetes: A proof of concept study. *Journal of Science and Medicine in Sport*, **2019**, 22, 808-813 | 4.4 | 8 |
| 92 | Sedentary behavior after stroke: A new target for therapeutic intervention. *International Journal of Stroke*, **2019**, 14, 9-11 | 6.3 | 6 |
| 91 | Compositional analysis of the association between mortality and 24-hour movement behaviour from NHANES. *European Journal of Preventive Cardiology*, **2019**, 2047487319867783 | 3.9 | 20 |
| 90 | Compositional analyses of the associations between sedentary time, different intensities of physical activity, and cardiometabolic biomarkers among children and youth from the United States. *PLoS ONE*, **2019**, 14, e0220009 | 3.7 | 22 |
| 89 | Cross-sectional associations between personality traits and device-based measures of step count and sedentary behaviour in older age: the Lothian Birth Cohort 1936. *BMC Geriatrics*, **2019**, 19, 302 | 4.1 | 6 |
| 88 | Adults' Preferences for Behavior Change Techniques and Engagement Features in a Mobile App to Promote 24-Hour Movement Behaviors: Cross-Sectional Survey Study. *JMIR MHealth and UHealth*, **2019**, 7, e15707 | 5.5 | 9 |
| 87 | Beyond #endpjparalysis: tackling sedentary behaviour in health care. *AIMS Medical Science*, **2019**, 6, 67-75 | 0.4 | 8 |
| 86 | Compositional Associations Of Objectively Measured Activities With Declined Cognitive Function In Older Adults: NEIGE Study. *Medicine and Science in Sports and Exercise*, **2019**, 51, 214-214 | 1.2 | |
| 85 | Compositional Influence of Movement Behaviors on Bone Health during Aging. *Medicine and Science in Sports and Exercise*, **2019**, 51, 1736-1744 | 1.2 | 10 |
| 84 | Which Game Narratives Do Adolescents of Different Gameplay and Sociodemographic Backgrounds Prefer? A Mixed-Methods Analysis. *Games for Health Journal*, **2019**, 8, 195-204 | 4.2 | 4 |
| 83 | Dose-response between frequency of interruption of sedentary time and fasting glucose, the dawn phenomenon and night-time glucose in Type 2 diabetes. *Diabetic Medicine*, **2019**, 36, 376-382 | 3.5 | 9 |
| 82 | Citizen Science to Communicate about Public Health Messages: The Reach of a Playful Online Survey on Sitting Time and Physical Activity. *Health Communication*, **2019**, 34, 720-725 | 3.2 | 5 |

| | | | |
|---|---|---|---|
| 81 | How does light-intensity physical activity associate with adult cardiometabolic health and mortality? Systematic review with meta-analysis of experimental and observational studies. *British Journal of Sports Medicine*, **2019**, 53, 370-376 | 10.3 | 146 |
| 80 | What Do Older People Do When Sitting and Why? Implications for Decreasing Sedentary Behavior. *Gerontologist, The*, **2019**, 59, 686-697 | 5 | 20 |
| 79 | Dynamics of Sedentary Behaviours and Systems-Based Approach: Future Challenges and Opportunities in the Life Course Epidemiology of Sedentary Behaviours. *Springer Series on Epidemiology and Public Health*, **2018**, 595-616 | 0.4 | 1 |
| 78 | Why Older Adults Spend Time Sedentary and Break Their Sedentary Behavior: A Mixed-Methods Approach Using Life-Logging Equipment. *Journal of Aging and Physical Activity*, **2018**, 26, 259-266 | 1.6 | 7 |
| 77 | Mobile Exergaming in Adolescents' Everyday Life-Contextual Design of Where, When, with Whom, and How: The SmartLife Case. *International Journal of Environmental Research and Public Health*, **2018**, 15, | 4.6 | 4 |
| 76 | Reliability, minimal detectable change and responsiveness to change: Indicators to select the best method to measure sedentary behaviour in older adults in different study designs. *PLoS ONE*, **2018**, 13, e0195424 | 3.7 | 32 |
| 75 | Physical activity to improve cognition in older adults: can physical activity programs enriched with cognitive challenges enhance the effects? A systematic review and meta-analysis. *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 63 | 8.4 | 93 |
| 74 | Systematic comparative validation of self-report measures of sedentary time against an objective measure of postural sitting (activPAL). *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 21 | 8.4 | 64 |
| 73 | The epigenetic clock and objectively measured sedentary and walking behavior in older adults: the Lothian Birth Cohort 1936. *Clinical Epigenetics*, **2018**, 10, 4 | 7.7 | 18 |
| 72 | Compositional Analysis of the Associations between 24-h Movement Behaviours and Health Indicators among Adults and Older Adults from the Canadian Health Measure Survey. *International Journal of Environmental Research and Public Health*, **2018**, 15, | 4.6 | 34 |
| 71 | Replacing Sedentary Time: Meta-analysis of Objective-Assessment Studies. *American Journal of Preventive Medicine*, **2018**, 55, 395-402 | 6.1 | 47 |
| 70 | Differential influences of population densification and economic growth on Europeans' physical activity and sitting time. *Cities*, **2018**, 82, 141-149 | 5.6 | 8 |
| 69 | Breaking sedentary behaviour has the potential to increase/ maintain function in frail older adults. *Journal of Frailty, Sarcopenia and Falls*, **2018**, 3, 26-31 | 1.6 | 18 |
| 68 | A co-created intervention with care home residents and university students following a service-learning methodology to reduce sedentary behaviour: The GET READY project protocol. *Journal of Frailty, Sarcopenia and Falls*, **2018**, 3, 132-137 | 1.6 | 2 |
| 67 | What happened to my legs when I broke my arm?. *AIMS Medical Science*, **2018**, 5, 252-258 | 0.4 | 3 |
| 66 | Cognitive ability does not predict objectively measured sedentary behavior: Evidence from three older cohorts. *Psychology and Aging*, **2018**, 33, 288-296 | 3.6 | 7 |
| 65 | Cardiometabolic Impact of Changing Sitting, Standing, and Stepping in the Workplace. *Medicine and Science in Sports and Exercise*, **2018**, 50, 516-524 | 1.2 | 40 |
| 64 | Differences in Context-Specific Sedentary Behaviors According to Weight Status in Adolescents, Adults and Seniors: A Compositional Data Analysis. *International Journal of Environmental Research and Public Health*, **2018**, 15, | 4.6 | 4 |

| | | | |
|---|---|---|---|
| 63 | Attitudes to ageing and objectively-measured sedentary and walking behaviour in older people: The Lothian Birth Cohort 1936. *PLoS ONE*, **2018**, 13, e0197357 | 3.7 | 4 |
| 62 | Are glucose profiles well-controlled within the targets recommended by the International diabetes Federation in type 2 diabetes? A meta-analysis of results from continuous glucose monitoring based studies. *Diabetes Research and Clinical Practice*, **2018**, 146, 289-299 | 7.4 | 3 |
| 61 | Associations between sedentary time, physical activity and bone health among older people using compositional data analysis. *PLoS ONE*, **2018**, 13, e0206013 | 3.7 | 25 |
| 60 | The associations of sedentary time and breaks in sedentary time with 24-hour glycaemic control in type 2 diabetes. *Preventive Medicine Reports*, **2018**, 12, 94-100 | 2.6 | 12 |
| 59 | Data on Determinants Are Needed to Curb the Sedentary Epidemic in Europe. Lessons Learnt from the DEDIPAC European Knowledge Hub. *International Journal of Environmental Research and Public Health*, **2018**, 15, | 4.6 | 5 |
| 58 | Changes in children's television and computer time according to parental education, parental income and ethnicity: A 6-year longitudinal EYHS study. *PLoS ONE*, **2018**, 13, e0203592 | 3.7 | 9 |
| 57 | Characteristics of a protocol to collect objective physical activity/sedentary behaviour data in a large study: Seniors USP (understanding sedentary patterns). *Journal for the Measurement of Physical Behaviour*, **2018**, 1, 26-31 | 2.3 | 20 |
| 56 | Sitting too much: A hierarchy of socio-demographic correlates. *Preventive Medicine*, **2017**, 101, 77-83 | 4.3 | 34 |
| 55 | Sedentary Behavior Research Network (SBRN) - Terminology Consensus Project process and outcome. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 75 | 8.4 | 1318 |
| 54 | Consequences of short interruptions of bouts walking on estimates of compliance to physical activity guidelines. *Physiological Measurement*, **2017**, 38, N93-N100 | 2.9 | 1 |
| 53 | Associations of sitting accumulation patterns with cardio-metabolic risk biomarkers in Australian adults. *PLoS ONE*, **2017**, 12, e0180119 | 3.7 | 93 |
| 52 | Cross-sectional associations between sleep duration, sedentary time, physical activity, and adiposity indicators among Canadian preschool-aged children using compositional analyses. *BMC Public Health*, **2017**, 17, 848 | 4.1 | 49 |
| 51 | Developing a systems-based framework of the factors influencing dietary and physical activity behaviours in ethnic minority populations living in Europe - a DEDIPAC study. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 154 | 8.4 | 14 |
| 50 | Determinants of diet and physical activity (DEDIPAC): a summary of findings. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 150 | 8.4 | 41 |
| 49 | Cross-Sectional Associations between Home Environmental Factors and Domain-Specific Sedentary Behaviors in Adults: The Moderating Role of Socio-Demographic Variables and BMI. *International Journal of Environmental Research and Public Health*, **2017**, 14, | 4.6 | 3 |
| 48 | Sedentary time in older adults: a critical review of measurement, associations with health, and interventions. *British Journal of Sports Medicine*, **2017**, 51, 1539 | 10.3 | 114 |
| 47 | Sedentary time in older men and women: an international consensus statement and research priorities. *British Journal of Sports Medicine*, **2017**, 51, 1526-1532 | 10.3 | 59 |
| 46 | Relationships between socioeconomic position and objectively measured sedentary behaviour in older adults in three prospective cohorts. *BMJ Open*, **2017**, 7, e016436 | 3 | 12 |

| | | | |
|---|---|---|---|
| 45 | TAxonomy of Self-reported Sedentary behaviour Tools (TASST) framework for development, comparison and evaluation of self-report tools: content analysis and systematic review. *BMJ Open*, **2017**, 7, e013844 | 3 | 37 |
| 44 | Co-creating a tailored public health intervention to reduce older adults' sedentary behaviour. *Health Education Journal*, **2017**, 76, 595-608 | 1.5 | 17 |
| 43 | Interventions for reducing sedentary behaviour in community-dwelling older adults. *The Cochrane Library*, **2017**, | 5.2 | 4 |
| 42 | The Influence of Neighbourhoods and the Social Environment on Sedentary Behaviour in Older Adults in Three Prospective Cohorts. *International Journal of Environmental Research and Public Health*, **2017**, 14, | 4.6 | 17 |
| 41 | Using a Co-Creational Approach to Develop, Implement and Evaluate an Intervention to Promote Physical Activity in Adolescent Girls from Vocational and Technical Schools: A Case Control Study. *International Journal of Environmental Research and Public Health*, **2017**, 14, | 4.6 | 15 |
| 40 | Fatigue Alters the Pattern of Physical Activity Behavior in Older Adults: Observational Analysis of Data from the Generation 100 Study. *Journal of Aging and Physical Activity*, **2016**, 24, 633-641 | 1.6 | 9 |
| 39 | The SOS-framework (Systems of Sedentary behaviours): an international transdisciplinary consensus framework for the study of determinants, research priorities and policy on sedentary behaviour across the life course: a DEDIPAC-study. *International Journal of Behavioral Nutrition and Physical Activity*, **2016**, 13, 83 | 8.4 | 83 |
| 38 | Using concept mapping in the development of the EU-PAD framework (EUropean-Physical Activity Determinants across the life course): a DEDIPAC-study. *BMC Public Health*, **2016**, 16, 1145 | 4.1 | 37 |
| 37 | A feasibility study to prevent falls in older people who are sight impaired: the VIP2UK randomised controlled trial. *Trials*, **2016**, 17, 464 | 2.8 | 18 |
| 36 | A systematic review of correlates of sedentary behaviour in adults aged 18-65 years: a socio-ecological approach. *BMC Public Health*, **2016**, 16, 163 | 4.1 | 266 |
| 35 | Fatigue May Contribute to Reduced Physical Activity Among Older People: An Observational Study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2016**, 71, 670-6 | 6.4 | 43 |
| 34 | Acceptability of Novel Life Logging Technology to Determine Context of Sedentary Behavior in Older Adults. *AIMS Public Health*, **2016**, 3, 158-171 | 1.9 | 11 |
| 33 | Modifying Older Adults' Daily Sedentary Behaviour Using an Asset-based Solution: Views from Older Adults. *AIMS Public Health*, **2016**, 3, 542-554 | 1.9 | 15 |
| 32 | Advances in Long Term Physical Behaviour Monitoring. *BioMed Research International*, **2016**, 2016, 6745360 | 3 | 2 |
| 31 | 4th International Conference on Ambulatory Monitoring of Physical Activity and Movement (Limerick, Ireland, 10-12 June 2015). *Physiological Measurement*, **2016**, 37, E24-E26 | 2.9 | |
| 30 | Associations between sleep duration, sedentary time, physical activity, and health indicators among Canadian children and youth using compositional analyses. *Applied Physiology, Nutrition and Metabolism*, **2016**, 41, S294-302 | 3 | 187 |
| 29 | Sensitivity to Change of Objectively-Derived Measures of Sedentary Behavior. *Measurement in Physical Education and Exercise Science*, **2015**, 19, 138-147 | 1.9 | 41 |
| 28 | Sedentary behavior in the first year after stroke: a longitudinal cohort study with objective measures. *Archives of Physical Medicine and Rehabilitation*, **2015**, 96, 15-23 | 2.8 | 110 |

| | | | |
|---|---|---|---|
| 27 | How Sedentary are Older People? A Systematic Review of the Amount of Sedentary Behavior. *Journal of Aging and Physical Activity*, **2015**, 23, 471-87 | 1.6 | 278 |
| 26 | The long-term effect of being treated in a geriatric ward compared to an orthopaedic ward on six measures of free-living physical behavior 4 and 12 months after a hip fracture - a randomised controlled trial. *BMC Geriatrics*, **2015**, 15, 160 | 4.1 | 22 |
| 25 | Systematic literature review of determinants of sedentary behaviour in older adults: a DEDIPAC study. *International Journal of Behavioral Nutrition and Physical Activity*, **2015**, 12, 127 | 8.4 | 121 |
| 24 | Exploring the context of sedentary behaviour in older adults (what, where, why, when and with whom). *European Review of Aging and Physical Activity*, **2015**, 12, 4 | 6.5 | 58 |
| 23 | Reliability and validity of three questionnaires measuring context-specific sedentary behaviour and associated correlates in adolescents, adults and older adults. *International Journal of Behavioral Nutrition and Physical Activity*, **2015**, 12, 117 | 8.4 | 51 |
| 22 | A systematic review of determinants of sedentary behaviour in youth: a DEDIPAC-study. *International Journal of Behavioral Nutrition and Physical Activity*, **2015**, 12, 133 | 8.4 | 96 |
| 21 | Meta-analysis of the relationship between breaks in sedentary behavior and cardiometabolic health. *Obesity*, **2015**, 23, 1800-10 | 8 | 201 |
| 20 | Utilization and Harmonization of Adult Accelerometry Data: Review and Expert Consensus. *Medicine and Science in Sports and Exercise*, **2015**, 47, 2129-39 | 1.2 | 169 |
| 19 | Combined Effects of Time Spent in Physical Activity, Sedentary Behaviors and Sleep on Obesity and Cardio-Metabolic Health Markers: A Novel Compositional Data Analysis Approach. *PLoS ONE*, **2015**, 10, e0139984 | 3.7 | 439 |
| 18 | Recommendations for standardizing validation procedures assessing physical activity of older persons by monitoring body postures and movements. *Sensors*, **2014**, 14, 1267-77 | 3.8 | 35 |
| 17 | Intervening to reduce workplace sitting time: how and when do changes to sitting time occur?. *British Journal of Sports Medicine*, **2014**, 48, 1037-42 | 10.3 | 37 |
| 16 | Associations between objectively-measured sedentary behaviour and physical activity with bone mineral density in adults and older adults, the NHANES study. *Bone*, **2014**, 64, 254-62 | 4.7 | 105 |
| 15 | Determinants of sedentary behavior, motivation, barriers and strategies to reduce sitting time in older women: a qualitative investigation. *International Journal of Environmental Research and Public Health*, **2014**, 11, 773-91 | 4.6 | 94 |
| 14 | Comparison of self-reported measure of sitting time (IPAQ) with objective measurement (activPAL). *Physiological Measurement*, **2014**, 35, 2319-28 | 2.9 | 75 |
| 13 | Towards the integration and development of a cross-European research network and infrastructure: the DEterminants of DIet and Physical ACtivity (DEDIPAC) Knowledge Hub. *International Journal of Behavioral Nutrition and Physical Activity*, **2014**, 11, 143 | 8.4 | 60 |
| 12 | The frequency of osteogenic activities and the pattern of intermittence between periods of physical activity and sedentary behaviour affects bone mineral content: the cross-sectional NHANES study. *BMC Public Health*, **2014**, 14, 4 | 4.1 | 40 |
| 11 | Prevalence of sedentary behavior in older adults: a systematic review. *International Journal of Environmental Research and Public Health*, **2013**, 10, 6645-61 | 4.6 | 209 |
| 10 | The influence of minimum sitting period of the ActivPAL□n the measurement of breaks in sitting in young children. *PLoS ONE*, **2013**, 8, e71854 | 3.7 | 17 |

| | | | |
|---|---|---|---|
| 9 | Development of a consensus taxonomy of sedentary behaviors (SIT): report of Delphi Round 1. *PLoS ONE*, **2013**, 8, e82313 | 3.7 | 67 |
| 8 | Physical activity monitoring by use of accelerometer-based body-worn sensors in older adults: a systematic literature review of current knowledge and applications. *Maturitas*, **2012**, 71, 13-9 | 5 | 141 |
| 7 | Understanding the impact of deep brain stimulation on ambulatory activity in advanced Parkinson's disease. *Journal of Neurology*, **2012**, 259, 1081-6 | 5.5 | 47 |
| 6 | Relationship between sedentary behaviour, physical activity, muscle quality and body composition in healthy older adults. *Age and Ageing*, **2012**, 41, 111-4 | 3 | 97 |
| 5 | Exploring patterns of daily physical and sedentary behaviour in community-dwelling older adults. *Age and Ageing*, **2011**, 40, 205-10 | 3 | 98 |
| 4 | Compliance with physical activity guidelines in a group of UK-based postal workers using an objective monitoring technique. *European Journal of Applied Physiology*, **2009**, 106, 893-9 | 3.4 | 38 |
| 3 | Shear-wave splitting in a critical crust. *Journal of Applied Geophysics*, **2003**, 54, 265-277 | 1.7 | 41 |
| 2 | A review of shear wave splitting in the crack-critical crust. *Geophysical Journal International*, **2003**, 155, 221-240 | 2.6 | 120 |
| 1 | Indication of high pore-fluid pressures in a seismically-active fault zone. *Geophysical Journal International*, **2002**, 151, F1-F5 | 2.6 | 89 |