

# Å½eljko PediÄ;iÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

4,344  
citations

117625

34  
h-index

118850

62  
g-index

82  
all docs

82  
docs citations

82  
times ranked

5247  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Compositional data analysis for physical activity, sedentary time and sleep research. <i>Statistical Methods in Medical Research</i> , 2018, 27, 3726-3738.  | 1.5 | 273       |
| 2  | Accelerometer-based measures in physical activity surveillance: current practices and issues. <i>British Journal of Sports Medicine</i> , 2015, 49, 219-223.   | 6.7 | 234       |
| 3  | Health outcomes associated with reallocations of time between sleep, sedentary behaviour, and physical activity: a systematic scoping review of isotemporal substitution studies. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 69. | 4.6 | 212       |
| 4  | Effects of caffeine intake on muscle strength and power: a systematic review and meta-analysis. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 11.  | 3.9 | 208       |
| 5  | Wake up and smell the coffee: caffeine supplementation and exercise performance— an umbrella review of 21 published meta-analyses. <i>British Journal of Sports Medicine</i> , 2020, 54, 681-688.  | 6.7 | 192       |
| 6  | Effect of Resistance Training Frequency on Gains in Muscular Strength: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2018, 48, 1207-1220.  | 6.5 | 184       |
| 7  | The compositional isotemporal substitution model: A method for estimating changes in a health outcome for reallocation of time between sleep, physical activity and sedentary behaviour. <i>Statistical Methods in Medical Research</i> , 2019, 28, 846-857.                 | 1.5 | 169       |
| 8  | Screen Time, Other Sedentary Behaviours, and Obesity Risk in Adults: A Review of Reviews. <i>Current Obesity Reports</i> , 2017, 6, 134-147.   | 8.4 | 141       |
| 9  | Associations of specific types of sports and exercise with all-cause and cardiovascular-disease mortality: a cohort study of 80â€¦306 British adults. <i>British Journal of Sports Medicine</i> , 2017, 51, 812-817.   | 6.7 | 128       |
| 10 | The descriptive epidemiology of total physical activity, muscle-strengthening exercises and sedentary behaviour among Australian adults — results from the National Nutrition and Physical Activity Survey. <i>BMC Public Health</i> , 2015, 16, 73.                         | 2.9 | 125       |
| 11 | Compositional Data Analysis in Time-Use Epidemiology: What, Why, How. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2220.   | 2.6 | 123       |
| 12 | Is running associated with a lower risk of all-cause, cardiovascular and cancer mortality, and is the more the better? A systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2020, 54, 898-905.   | 6.7 | 121       |
| 13 | Test—Retest Reliability of the One-Repetition Maximum (1RM) Strength Assessment: a Systematic Review. <i>Sports Medicine - Open</i> , 2020, 6, 31.   | 3.1 | 117       |
| 14 | The Influence of Caffeine Supplementation on Resistance Exercise: A Review. <i>Sports Medicine</i> , 2019, 49, 17-30.  | 6.5 | 110       |
| 15 | Workplace interventions for reducing sitting at work. <i>The Cochrane Library</i> , 2018, 6, CD010912.   | 2.8 | 102       |
| 16 | Physical activity prevalence in Australian children and adolescents. <i>Kinesiology</i> , 2017, 49, 135-145.   | 0.6 | 93        |
| 17 | Effects of Resistance Training on Muscle Size and Strength in Very Elderly Adults: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Sports Medicine</i> , 2020, 50, 1983-1999.  | 6.5 | 82        |
| 18 | Pumping Iron in Australia: Prevalence, Trends and Sociodemographic Correlates of Muscle Strengthening Activity Participation from a National Sample of 195,926 Adults. <i>PLoS ONE</i> , 2016, 11, e0153225.   | 2.5 | 78        |

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|----|--|-----|-----------|
| 19 | Physical activity in different domains and health-related quality of life: a population-based study. <i>Quality of Life Research</i> , 2010, 19, 1303-1309.  | 3.1 | 77        |
| 20 | Adiposity and the isotemporal substitution of physical activity, sedentary time and sleep among school-aged children: a compositional data analysis approach. <i>BMC Public Health</i> , 2018, 18, 311.  | 2.9 | 76        |
| 21 | Age- and Sex-Specific Criterion Validity of the Health Survey for England Physical Activity and Sedentary Behavior Assessment Questionnaire as Compared With Accelerometry. <i>American Journal of Epidemiology</i> , 2014, 179, 1493-1502.                    | 3.4 | 75        |
| 22 | Are Sitting Occupations Associated with Increased All-Cause, Cancer, and Cardiovascular Disease Mortality Risk? A Pooled Analysis of Seven British Population Cohorts. <i>PLoS ONE</i> , 2013, 8, e73753.  | 2.5 | 73        |
| 23 | Effectiveness of interventions for reducing non-occupational sedentary behaviour in adults and older adults: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019, 53, 1206-1213.   | 6.7 | 65        |
| 24 | Physical Activity of Croatian Population: Cross-sectional Study Using International Physical Activity Questionnaire. <i>Croatian Medical Journal</i> , 2009, 50, 165-173.  | 0.7 | 63        |
| 25 | High sitting time or obesity: Which came first? Bidirectional association in a longitudinal study of 31,787 Australian adults. <i>Obesity</i> , 2014, 22, 2126-2130.   | 3.0 | 60        |
| 26 | National physical activity and sedentary behaviour policies in 76 countries: availability, comprehensiveness, implementation, and effectiveness. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 116.                   | 4.6 | 58        |
| 27 | Total and domain-specific sitting time among employees in desk-based work settings in Australia. <i>Australian and New Zealand Journal of Public Health</i> , 2015, 39, 237-242.   | 1.8 | 56        |
| 28 | Workplace interventions for reducing sitting at work. <i>The Cochrane Library</i> , 2018, 2018, CD010912.  | 2.8 | 55        |
| 29 | Reliability of a Photographic Method for Assessing Standing Posture of Elementary School Students. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2010, 33, 425-431.  | 0.9 | 48        |
| 30 | Dietary Intake and Body Composition of Prepubescent Female Aesthetic Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2008, 18, 343-354.  | 2.1 | 46        |
| 31 | Does Aerobic Training Promote the Same Skeletal Muscle Hypertrophy as Resistance Training? A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2019, 49, 233-254.  | 6.5 | 46        |
| 32 | The development of the Comprehensive Analysis of Policy on Physical Activity (CAPPA) framework. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 60.   | 4.6 | 43        |
| 33 | The Impact of Obesity in the Workplace: a Review of Contributing Factors, Consequences and Potential Solutions. <i>Current Obesity Reports</i> , 2016, 5, 344-360.   | 8.4 | 40        |
| 34 | A global systematic scoping review of studies analysing indicators, development, and content of national-level physical activity and sedentary behaviour policies. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 123. | 4.6 | 40        |
| 35 | International Society of Sports Nutrition position stand: sodium bicarbonate and exercise performance. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 61.   | 3.9 | 38        |
| 36 | Effects of Sodium Bicarbonate Supplementation on Muscular Strength and Endurance: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2020, 50, 1361-1375.   | 6.5 | 35        |

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|----|---|-----|-----------|
| 37 | Workplace Sitting Breaks Questionnaire (SITBRO): an assessment of concurrent validity and test-retest reliability. BMC Public Health, 2014, 14, 1249.   | 2.9 | 34        |
| 38 | Domain-specific physical activity and health-related quality of life in university students. European Journal of Sport Science, 2014, 14, 492-499.  | 2.7 | 31        |
| 39 | Effects of linear and daily undulating periodized resistance training programs on measures of muscle hypertrophy: a systematic review and meta-analysis. PeerJ, 2017, 5, e3695.   | 2.0 | 29        |
| 40 | Test-Retest Reliability of the Yo-Yo Test: A Systematic Review. Sports Medicine, 2019, 49, 1547-1557.   | 6.5 | 29        |
| 41 | Prevalence, patterns, and correlates of physical activity in Nepal: findings from a nationally representative study using the Global Physical Activity Questionnaire (GPAQ). BMC Public Health, 2019, 19, 864.            | 2.9 | 29        |
| 42 | ADORA2A C Allele Carriers Exhibit Ergogenic Responses to Caffeine Supplementation. Nutrients, 2020, 12, 741.  | 4.1 | 29        |
| 43 | Are longitudinal reallocations of time between movement behaviours associated with adiposity among elderly women? A compositional isotemporal substitution analysis. International Journal of Obesity, 2020, 44, 857-864. | 3.4 | 29        |
| 44 | Sedentary behavior patterns and adiposity in children: a study based on compositional data analysis. BMC Pediatrics, 2020, 20, 147.   | 1.7 | 28        |
| 45 | Are Total, Intensity- and Domain-Specific Physical Activity Levels Associated with Life Satisfaction among University Students?. PLoS ONE, 2015, 10, e0118137.  | 2.5 | 28        |
| 46 | CYP1A2 genotype and acute effects of caffeine on resistance exercise, jumping, and sprinting performance. Journal of the International Society of Sports Nutrition, 2020, 17, 21.   | 3.9 | 27        |
| 47 | Secular trends in the association between obesity and hypertension among adults in the United States, 1999-2014. European Journal of Internal Medicine, 2019, 62, 37-42.  | 2.2 | 25        |
| 48 | Physical activity and sedentary behaviour research in Thailand: a systematic scoping review. BMC Public Health, 2018, 18, 733.  | 2.9 | 23        |
| 49 | Correlates of physical activity and sedentary behaviour in the Thai population: a systematic review. BMC Public Health, 2019, 19, 414.  | 2.9 | 23        |
| 50 | Relationship of Back and Neck Pain With Quality of Life in the Croatian General Population. Journal of Manipulative and Physiological Therapeutics, 2013, 36, 267-275.  | 0.9 | 22        |
| 51 | How do short sleepers use extra waking hours? A compositional analysis of 24-h time-use patterns among children and adolescents. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 104.      | 4.6 | 22        |
| 52 | Trends and correlates of meeting 24-hour movement guidelines: a 15-year study among 167,577 Thai adults. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 106.                              | 4.6 | 21        |
| 53 | Test-retest reliability of the 30-15 Intermittent Fitness Test: A systematic review. Journal of Sport and Health Science, 2020, 10, 413-418.  | 6.5 | 18        |
| 54 | Associations of meeting 24-h movement guidelines with stress and self-rated health among adults: is meeting more guidelines associated with greater benefits?. BMC Public Health, 2021, 21, 929.                          | 2.9 | 17        |

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|----|---|-----|-----------|
| 55 | Sitting ducks face chronic disease: an analysis of newspaper coverage of sedentary behaviour as a health issue in Australia 2000â€“2012. <i>Health Promotion Journal of Australia</i> , 2017, 28, 139-143.  | 1.2 | 16        |
| 56 | Test-retest reliability of isometric mid-thigh pull maximum strength assessment: aÄsystematic review. <i>Biology of Sport</i> , 2022, 39, 407-414.  | 3.2 | 16        |
| 57 | Adequacy of Nutrient Intakes in Elite Junior Basketball Players. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2014, 24, 516-523.   | 2.1 | 15        |
| 58 | A systematic review of instruments for the analysis of national-level physical activity and sedentary behaviour policies. <i>Health Research Policy and Systems</i> , 2019, 17, 86.   | 2.8 | 15        |
| 59 | Associations between multiple indicators of socio-economic status and muscle-strengthening activity participation in a nationally representative population sample of Australian adults. <i>Preventive Medicine</i> , 2017, 102, 44-48.   | 3.4 | 13        |
| 60 | Secular Trends in Sedentary Behavior Among High School Students in the United States, 2003 to 2015. <i>American Journal of Health Promotion</i> , 2019, 33, 1174-1181.  | 1.7 | 13        |
| 61 | Test-Retest Reliability of Velocity and Power in the Deadlift and Squat Exercises Assessed by the GymAware PowerTool System. <i>Frontiers in Physiology</i> , 2020, 11, 561682.   | 2.8 | 11        |
| 62 | Does 2000-m rowing ergometer performance time correlate with final rankings at the World Junior Rowing Championship? A case study of 398 elite junior rowers. <i>Journal of Sports Sciences</i> , 2009, 27, 361-366.  | 2.0 | 10        |
| 63 | Effects of sodium bicarbonate supplementation on exercise performance: an umbrella review. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 71.  | 3.9 | 9         |
| 64 | Validity and Reliability of the Daily Activity Behaviours Questionnaire (DABQ) for Assessment of Time Spent in Sleep, Sedentary Behaviour, and Physical Activity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5362.                              | 2.6 | 9         |
| 65 | Patterns and correlates of physical activity among middle-aged employees: A population-based, cross-sectional study. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2014, 27, 487-97.   | 1.3 | 8         |
| 66 | Validation of the folate food frequency questionnaire in vegetarians. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 88-95.  | 2.8 | 7         |
| 67 | Objective Measurement in Physical Activity Surveillance: Present Role and Future Potential. <i>Springer Series on Epidemiology and Public Health</i> , 2016, , 347-367.   | 0.5 | 7         |
| 68 | Standardised criteria for classifying the International Classification of Activities for Time-use Statistics (ICATUS) activity groups into sleep, sedentary behaviour, and physical activity. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 106. | 4.6 | 6         |
| 69 | Infographic. Is running associated with a lower risk of all-cause, cardiovascular and cancer mortality, and is more better? A systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2020, 54, 817-818.   | 6.7 | 6         |
| 70 | Construction and reproducibility of a questionnaire aimed for evaluation of dietary habits in physically active individuals. <i>Collegium Antropologicum</i> , 2008, 32, 1069-77.   | 0.2 | 6         |
| 71 | Sociodemographic and Lifestyle Correlates of Health-Related Quality of Life in Croatian University Students. <i>Applied Research in Quality of Life</i> , 2013, 8, 493-509.   | 2.4 | 5         |
| 72 | Comprehensive sector-wide strategies to prevent and control obesity: what are the potential health and broader societal benefits? A case study from Australia. <i>Public Health Research and Practice</i> , 2015, 25, e2541545.   | 1.5 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | The associations between participation in certain sports and lower mortality are not explained by affluence and other socioeconomic factors. <i>British Journal of Sports Medicine</i> , 2017, 51, 1514-1515.   | 6.7 | 4         |
| 74 | Infographic. Wake up and smell the coffee: caffeine supplementation and exercise performance. <i>British Journal of Sports Medicine</i> , 2020, 54, 304-305.  | 6.7 | 3         |
| 75 | A study on prospective associations between adiposity and 7-year changes in movement behaviors among older women based on compositional data analysis. <i>BMC Geriatrics</i> , 2021, 21, 203.   | 2.7 | 3         |
| 76 | Plan Globally and Act Locally for Physical Activity?. <i>Journal of Physical Activity and Health</i> , 2021, 18, 1157-1158.   | 2.0 | 2         |
| 77 | Prevalence and Correlates of Muscle-Strengthening Activity Participation in Croatia: A Cross-Sectional Study in a National Representative Sample of 4561 Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8905. | 2.6 | 1         |
| 78 | Improving Practices of Mental Health Professionals in Recommending More Physical Activity and Less Sedentary Behaviour to Their Clients: An Intervention Trial. <i>Issues in Mental Health Nursing</i> , 2022, 43, 258-264.                                 | 1.2 | 1         |
| 79 | KONSTRUKCIJA UPITNIKA ZA PROCJENU PERCIPIRANE LEGITIMNOSTI NESPORTSKOGA PONAANJA. <i>Drustvena Istrazivanja</i> , 2011, 20, 771-792.  | 0.2 | 0         |
| 80 | Reliability and validity of the German language version of Girls' Disinclination for Physical Activity Scale. <i>European Journal of Sport Science</i> , 2014, 14, 711-719.   | 2.7 | 0         |