

Mats Björjesson

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

8,991
citations

71102

41
h-index

42399

92
g-index

125
all docs

125
docs citations

125
times ranked

8038
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular pre-participation screening of young competitive athletes for prevention of sudden death: proposal for a common European protocol. <i>European Heart Journal</i> , 2005, 26, 516-524.	2.2	1,037
2	Recommendations for competitive sports participation in athletes with cardiovascular disease: A consensus document from the Study Group of Sports Cardiology of the Working Group of Cardiac Rehabilitation and Exercise Physiology and the Working Group of Myocardial and Pericardial Diseases of the European Society of Cardiology. <i>European Heart Journal</i> , 2005, 26, 1422-1445.	2.2	860
3	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. <i>European Heart Journal</i> , 2021, 42, 17-96.	2.2	830
4	Recommendations for interpretation of 12-lead electrocardiogram in the athlete. <i>European Heart Journal</i> , 2010, 31, 243-259.	2.2	730
5	Electrocardiographic interpretation in athletes: the "Seattle Criteria"™: Table 1. <i>British Journal of Sports Medicine</i> , 2013, 47, 122-124.	6.7	459
6	Recommendations for participation in competitive and leisure time sport in athletes with cardiomyopathies, myocarditis, and pericarditis: position statement of the Sport Cardiology Section of the European Association of Preventive Cardiology (EAPC). <i>European Heart Journal</i> , 2019, 40, 19-33.	2.2	288
7	The "Saltin" Grimby Physical Activity Level Scale and its application to health research. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 119-125.	2.9	230
8	Importance of characteristics and modalities of physical activity and exercise in the management of cardiovascular health in individuals with cardiovascular risk factors: recommendations from the EACPR (Part II). <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1005-1033.	1.8	223
9	A prospective study of leisure-time physical activity and mental health in Swedish health care workers and social insurance officers. <i>Preventive Medicine</i> , 2010, 51, 373-377.	3.4	201
10	Risk of sports: do we need a pre-participation screening for competitive and leisure athletes?. <i>European Heart Journal</i> , 2011, 32, 934-944.	2.2	193
11	A novel polymorphism in the gene coding for the beta1-adrenergic receptor associated with survival in patients with heart failure. <i>European Heart Journal</i> , 2000, 21, 1853-1858.	2.2	190
12	Cardiovascular evaluation of middle-aged/senior individuals engaged in leisure-time sport activities: position stand from the sections of exercise physiology and sports cardiology of the European Association of Cardiovascular Prevention and Rehabilitation. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011, 18, 446-458.	2.8	176
13	Importance of characteristics and modalities of physical activity and exercise in the management of cardiovascular health in individuals with cardiovascular disease (Part III). <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1333-1356.	1.8	166
14	Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population. <i>Circulation</i> , 2021, 144, 916-929.	1.6	164
15	The effect of physical activity or exercise on key biomarkers in atherosclerosis – A systematic review. <i>Atherosclerosis</i> , 2014, 235, 150-161.	0.8	154
16	Physical activity in adolescents and adults with congenital heart defects: individualized exercise prescription. <i>European Heart Journal</i> , 2013, 34, 3669-3674.	2.2	146
17	The relationships of change in physical activity with change in depression, anxiety, and burnout: A longitudinal study of Swedish healthcare workers.. <i>Health Psychology</i> , 2014, 33, 1309-1318.	1.6	144
18	Measurement of physical activity in clinical practice using accelerometers. <i>Journal of Internal Medicine</i> , 2019, 286, 137-153.	6.0	133

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19	Importance of characteristics and modalities of physical activity and exercise in defining the benefits to cardiovascular health within the general population: recommendations from the EACPR (Part I). <i>European Journal of Preventive Cardiology</i> , 2012, 19, 670-686.	1.8	107
20	Gait and clinical measurements in patients with knee osteoarthritis after surgery: a prospective 5-year follow-up study. <i>Knee</i> , 2005, 12, 121-127.	1.6	99
21	Self-reported leisure time physical activity: a useful assessment tool in everyday health care. <i>BMC Public Health</i> , 2012, 12, 693.	2.9	94
22	Categorical answer modes provide superior validity to open answers when asking for level of physical activity: A cross-sectional study. <i>Scandinavian Journal of Public Health</i> , 2016, 44, 70-76.	2.3	91
23	Sudden cardiac death in athletes. <i>Journal of Internal Medicine</i> , 2014, 275, 93-103.	6.0	90
24	Recommendations for participation in leisure time or competitive sports in athletes-patients with coronary artery disease: a position statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). <i>European Heart Journal</i> , 2019, 40, 13-18.	2.2	85
25	Incidence and aetiology of sudden cardiac death in young athletes: an international perspective. <i>British Journal of Sports Medicine</i> , 2009, 43, 644-648.	6.7	81
26	Sudden cardiac arrest in sports – need for uniform registration: A Position Paper from the Sport Cardiology Section of the European Association for Cardiovascular Prevention and Rehabilitation. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 657-667.	1.8	78
27	Congenital Heart Disease (CHD): position statement of the Sports Cardiology & Exercise Section of the European Association of Preventive Cardiology (EAPC), the European Society of Cardiology (ESC) Working Group on Adult Congenital Heart Disease and the Sports Cardiology, Physical Activity and Prevention Working Group of the Association for European Paediatric and Congenital Cardiology. <i>European Heart Journal</i> , 2020, 41, 4191-4193.	2.2	75
28	ESC Study Group of Sports Cardiology: recommendations for participation in leisure-time physical activity and competitive sports for patients with ischaemic heart disease. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006, 13, 137-149.	2.8	73
29	Cost-Effectiveness of Spinal Cord Stimulation versus Coronary Artery Bypass Grafting in Patients with Severe Angina Pectoris – Long-Term Results from the ESBY Study. <i>Cardiology</i> , 2003, 99, 20-24.	1.4	72
30	Recommendations for participation in competitive sports of athletes with arterial hypertension: a position statement from the sports cardiology section of the European Association of Preventive Cardiology (EAPC). <i>European Heart Journal</i> , 2018, 39, 3664-3671.	2.2	72
31	Cardiorespiratory Fitness, Sedentary Behaviour and Physical Activity Are Independently Associated with the Metabolic Syndrome, Results from the SCAPIS Pilot Study. <i>PLoS ONE</i> , 2015, 10, e0131586.	2.5	69
32	Consensus document regarding cardiovascular safety at sports arenas: Position stand from the European Association of Cardiovascular Prevention and Rehabilitation (EACPR), section of Sports Cardiology. <i>European Heart Journal</i> , 2011, 32, 2119-2124.	2.2	67
33	Physiotherapy in knee osteoarthritis: Effect on pain and walking. <i>Physiotherapy Research International</i> , 1996, 1, 89-97.	1.5	65
34	Physical activity on prescription in accordance with the Swedish model increases physical activity: a systematic review. <i>British Journal of Sports Medicine</i> , 2019, 53, 383-388.	6.7	64
35	The Daily Movement Pattern and Fulfilment of Physical Activity Recommendations in Swedish Middle-Aged Adults: The SCAPIS Pilot Study. <i>PLoS ONE</i> , 2015, 10, e0126336.	2.5	60
36	Spinal cord stimulation in severe angina pectoris – A systematic review based on the Swedish Council on Technology assessment in health care report on long-standing pain. <i>Pain</i> , 2008, 140, 501-508.	4.2	56

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37	Isotemporal substitution of sedentary time by physical activity of different intensities and bout lengths, and its associations with metabolic risk. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 967-974.	1.8	55
38	Recommendations for participation in leisure-time physical activity and competitive sports of patients with arrhythmias and potentially arrhythmogenic conditions. Part 2: ventricular arrhythmias, channelopathies, and implantable defibrillators. <i>Europace</i> , 2021, 23, 147-148.	1.7	47
39	Physical activity on prescription (PAP): self-reported physical activity and quality of life in a Swedish primary care population, 2-year follow-up. <i>Scandinavian Journal of Primary Health Care</i> , 2016, 34, 443-452.	1.5	46
40	Increased Physical Activity Post-Myocardial Infarction Is Related to Reduced Mortality: Results From the SWEDEHEART Registry. <i>Journal of the American Heart Association</i> , 2018, 7, e010108.	3.7	46
41	Effects of Frequency Filtering on Intensity and Noise in Accelerometer-Based Physical Activity Measurements. <i>Sensors</i> , 2019, 19, 2186.	3.8	42
42	Medical encounters (including injury and illness) at mass community-based endurance sports events: an international consensus statement on definitions and methods of data recording and reporting. <i>British Journal of Sports Medicine</i> , 2019, 53, 1048-1055.	6.7	42
43	The level of leisure time physical activity is associated with work ability—a cross sectional and prospective study of health care workers. <i>BMC Public Health</i> , 2013, 13, 855.	2.9	41
44	Position paper: proposal for a core curriculum for a European Sports Cardiology qualification. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 889-903.	1.8	39
45	Concurrent and predictive validity of physical activity measurement items commonly used in clinical settings—data from SCAPIS pilot study. <i>BMC Public Health</i> , 2015, 15, 978.	2.9	37
46	Sport and exercise genomics: the FIMS 2019 consensus statement update. <i>British Journal of Sports Medicine</i> , 2020, 54, 969-975.	6.7	37
47	Gastroesophageal Acid Reflux in Patients with Nutcracker Esophagus. <i>Scandinavian Journal of Gastroenterology</i> , 2001, 36, 916-920.	1.5	34
48	Time for action regarding cardiovascular emergency care at sports arenas: a lesson from the Arena study. <i>European Heart Journal</i> , 2010, 31, 1438-1441.	2.2	32
49	Is There Evidence for Mandating Electrocardiogram as Part of the Pre-Participation Examination?. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 13-17.	1.8	31
50	Physical inactivity and smoking after myocardial infarction as predictors for readmission and survival: results from the SWEDEHEART-registry. <i>Clinical Research in Cardiology</i> , 2019, 108, 324-332.	3.3	29
51	Rehabilitation after first-time anterior cruciate ligament injury and reconstruction in female football players: a study of resilience factors. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2016, 8, 20.	1.7	28
52	A Biomechanical Re-Examination of Physical Activity Measurement with Accelerometers. <i>Sensors</i> , 2018, 18, 3399.	3.8	28
53	Emergency cardiac care in the athletic setting: from schools to the Olympics. <i>British Journal of Sports Medicine</i> , 2012, 46, i85-i89.	6.7	27
54	Re-examination of accelerometer data processing and calibration for the assessment of physical activity intensity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1442-1452.	2.9	27

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55	Physical Activity on Prescription (PAP), in patients with metabolic risk factors. A 6-month follow-up study in primary health care. <i>PLoS ONE</i> , 2017, 12, e0175190.	2.5	26
56	Prerace medical screening and education reduce medical encounters in distance road races: SAFER VIII study in 153 208 race starters. <i>British Journal of Sports Medicine</i> , 2019, 53, 634-639.	6.7	26
57	Esophageal dysfunction in syndrome X. <i>American Journal of Cardiology</i> , 1998, 82, 1187-1191.	1.6	25
58	Exercise related sudden cardiac death (SCD) in the young – Pre-mortal characterization of a Swedish nationwide cohort, showing a decline in SCD among athletes. <i>Resuscitation</i> , 2019, 144, 99-105.	3.0	25
59	Accelerometer derived physical activity patterns in 27.890 middle-aged adults: The SCAPIS cohort study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 866-880.	2.9	25
60	The effect of pre- and post-operative physical activity on recovery after colorectal cancer surgery (PHYSSURG-C): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 212.	1.6	24
61	Brief recommendations for participation in leisure time or competitive sports in athletes – patients with coronary artery disease: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). <i>European Journal of Preventive Cardiology</i> , 2020, 27, 770-776.	1.8	23
62	Association between change in cardiorespiratory fitness and incident hypertension in Swedish adults. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1515-1522.	1.8	22
63	Self-efficacy regarding physical activity is superior to self-assessed activity level, in long-term prediction of cardiovascular events in middle-aged men. <i>BMC Public Health</i> , 2015, 15, 820.	2.9	20
64	Brief recommendations for participation in competitive sports of athletes with arterial hypertension: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1549-1555.	1.8	20
65	Higher survival rates in exercise-related out-of-hospital cardiac arrests, compared to non-exercise-related – a study from the Swedish Register of Cardiopulmonary Resuscitation. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1673-1679.	1.8	19
66	Reexamination of Accelerometer Calibration with Energy Expenditure as Criterion: VO2net Instead of MET for Age-Equivalent Physical Activity Intensity. <i>Sensors</i> , 2019, 19, 3377.	3.8	18
67	Which patients benefit from physical activity on prescription (PAP)? A prospective observational analysis of factors that predict increased physical activity. <i>BMC Public Health</i> , 2019, 19, 482.	2.9	18
68	Nutcracker oesophagus: a double-blind, placebo-controlled, cross-over study of the effects of lansoprazole. <i>Alimentary Pharmacology and Therapeutics</i> , 2003, 18, 1129-1135.	3.7	17
69	Mortality in long-distance running races in Sweden - 2007–2016. <i>PLoS ONE</i> , 2018, 13, e0195626.	2.5	17
70	Physical activity before radical prostatectomy reduces sick leave after surgery - results from a prospective, non-randomized controlled clinical trial (LAPPRO). <i>BMC Urology</i> , 2016, 16, 50.	1.4	16
71	Constitutive PGC-1 α overexpression in skeletal muscle does not protect from age-dependent decline in neurogenesis. <i>Scientific Reports</i> , 2019, 9, 12320.	3.3	16
72	Incidence and characteristics of severe exercise-associated collapse at the world's largest half-marathon. <i>PLoS ONE</i> , 2019, 14, e0217465.	2.5	15

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73	The effects of exercise training on hypothalamic-pituitary-adrenal axis reactivity and autonomic response to acute stress—a randomized controlled study. <i>Trials</i> , 2020, 21, 888.	1.6	15
74	Eveningness is associated with sedentary behavior and increased 10-year risk of cardiovascular disease: the SCAPIS pilot cohort. <i>Scientific Reports</i> , 2022, 12, 8203.	3.3	13
75	The SED-GIH: A Single-Item Question for Assessment of Stationary Behavior—A Study of Concurrent and Convergent Validity. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4766.	2.6	12
76	Stronger Association between High Intensity Physical Activity and Cardiometabolic Health with Improved Assessment of the Full Intensity Range Using Accelerometry. <i>Sensors</i> , 2020, 20, 1118.	3.8	12
77	High-intensity activity is more strongly associated with metabolic health in children compared to sedentary time: a cross-sectional study of the I.Family cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 90.	4.6	12
78	Device-Measured Sedentary Behavior, Physical Activity and Aerobic Fitness Are Independent Correlates of Cognitive Performance in Healthy Middle-Aged Adults—Results from the SCAPIS Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5136.	2.6	11
79	Profiling Collapsing Half Marathon Runners—Emerging Risk Factors: Results from Gothenburg Half Marathon. <i>Sports</i> , 2020, 8, 2.	1.7	10
80	Insomnia and cardiorespiratory fitness in a middle-aged population: the SCAPIS pilot study. <i>Sleep and Breathing</i> , 2019, 23, 319-326.	1.7	9
81	Sports and exercise medicine in Europe and the advances in the last decade. <i>British Journal of Sports Medicine</i> , 2021, 55, 1122-1124.	6.7	9
82	Outcome of exercise-related out-of-hospital cardiac arrest is dependent on location: Sports arenas vs outside of arenas. <i>PLoS ONE</i> , 2019, 14, e0211723.	2.5	9
83	Physical Inactivity in Brazil and Sweden - Different Countries, Similar Problem. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 112, 119-120.	0.8	9
84	Spinal cord stimulation for long-term treatment of severe angina pectoris: what does the evidence say?. <i>Future Cardiology</i> , 2011, 7, 825-833.	1.2	8
85	Physical activity during pregnancy and association with changes in fat mass and adipokines in women of normal-weight or with obesity. <i>Scientific Reports</i> , 2021, 11, 12549.	3.3	8
86	High prevalence of gastroesophageal reflux in patients with clinical unstable angina and known coronary artery disease. <i>Acute Cardiac Care</i> , 2008, 10, 37-42.	0.2	7
87	Delphi developed syllabus for the medical specialty of sport and exercise medicine: part 2. <i>British Journal of Sports Medicine</i> , 2021, 55, 81-83.	6.7	7
88	Promotion of Physical Activity in the Hospital Setting. <i>Deutsche Zeitschrift Fur Sportmedizin</i> , 2013, 2013, 162-165.	0.5	7
89	FYSS (physical activity book for prevention and treatment): behavioural change also for the physician?. <i>British Journal of Sports Medicine</i> , 2013, 47, 937-938.	6.7	6
90	Exercise training and physiological responses to acute stress: study protocol and methodological considerations of a randomised controlled trial. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000393.	2.9	6

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91	DHEA-S production capacity in relation to perceived prolonged stress. <i>Stress</i> , 2022, 25, 105-112.	1.8	6
92	The gap between stated importance of and clinical work in promoting healthy lifestyle habits by healthcare professionals in a Swedish hospital setting: A cross-sectional survey. <i>Health and Social Care in the Community</i> , 2021, 29, 385-394.	1.6	5
93	Low physical activity in patients diagnosed with head and neck cancer. <i>Laryngoscope Investigative Otolaryngology</i> , 2021, 6, 747-755.	1.5	5
94	"Before intervention - is the pain really cardiac?". <i>Scandinavian Cardiovascular Journal</i> , 2003, 37, 124-127.	1.2	4
95	High frequency home-based exercise decreases levels of vascular endothelial growth factor in patients with stable angina pectoris. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 575-581.	1.8	4
96	Low leisure-time physical activity, but not shift-work, contributes to the development of sleep complaints in Swedish health care workers. <i>Mental Health and Physical Activity</i> , 2017, 13, 22-29.	1.8	4
97	Association of change in physical activity associated with change in sleep complaints: results from a six-year longitudinal study with Swedish health care workers. <i>Sleep Medicine</i> , 2020, 69, 189-197.	1.6	4
98	Implementation of physical activity on prescription for children with obesity in paediatric health care (IMPA): protocol for a feasibility and evaluation study using quantitative and qualitative methods. <i>Pilot and Feasibility Studies</i> , 2022, 8, .	1.2	4
99	Can participants predict where ambulance-requiring cases occur at a half marathon?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2760-2766.	2.9	3
100	Pre-race screening and stratification predicts adverse events: A 4-year study in 29585 ultra-marathon entrants, SAFER X. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1205-1211.	2.9	3
101	Children and Adolescents Treated for Valvular Aortic Stenosis Have Different Physical Activity Patterns Compared to Healthy Controls: A Methodological Study in a National Cohort. <i>Pediatric Cardiology</i> , 2021, 42, 774-783.	1.3	3
102	Convergent validity of commonly used questions assessing physical activity and sedentary time in Swedish patients after myocardial infarction. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, .	1.7	3
103	Visceral chest pain: the role of neurostimulation. <i>Pain Reviews</i> , 0, 8, 75-94.	0.0	2
104	Better outcomes from exercise-related out-of-hospital cardiac arrest in males and in the young: findings from the Swedish Registry of Cardiopulmonary Resuscitation. <i>British Journal of Sports Medicine</i> , 2022, 56, 1026-1032.	6.7	2
105	Life satisfaction, health-related quality of life and physical activity after treatment for valvular aortic stenosis. <i>Cardiology in the Young</i> , 2022, , 1-7.	0.8	2
106	Chest pain: an update. <i>Current Opinion in Anaesthesiology</i> , 2002, 15, 569-574.	2.0	1
107	Swedish sports medicine is alive and well!. <i>British Journal of Sports Medicine</i> , 2014, 48, 1397-1397.	6.7	1
108	Looking back over 20 years of sports medicine prevention and treatment: progress, but still a lot to achieve. <i>British Journal of Sports Medicine</i> , 2015, 49, 1421-1421.	6.7	1

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109	Nonresponders of Physical Activity on Prescription (PAP) Can Increase Their Exercise Capacity with Enhanced Physiotherapist Support. International Journal of Environmental Research and Public Health, 2021, 18, 4795.	2.6	1
110	The role of modern cardiovascular imaging in (suspected) coronary artery disease in competitive athletes. Trends in Cardiovascular Medicine, 2021, , .	4.9	1
111	In Response to: Is There Evidence for Mandating Electrocardiogram as Part of the Pre-participation Exam?. Clinical Journal of Sport Medicine, 2011, 21, 460-460.	1.8	0
112	PA 13-2-0532â€¦Testing a novel method for identifying where serious medical encounters occur at marathons in order to improve medical preparedness and runnersâ€™ safety. , 2018, , .		0
113	Cardiovascular Risks of Exercise. , 2018, , 1-14.		0
114	Symptoms, ecg-changes and family history of cardiac disease precedes sudden cardiac death in hypertrophic cardiomyopathy - A nationwide study among the young in Sweden 2000-2010. European Journal of Preventive Cardiology, 2021, 28, .	1.8	0
115	Acute Heart Conditions, Sudden Death on the Field, and Prevention. , 2014, , 1-10.		0
116	Acute Heart Conditions, Sudden Death on the Field, and Prevention. , 2015, , 2901-2909.		0
117	Cardiac Safety in Sports Arenas. , 2020, , 531-551.		0
118	Exercise in Specific Diseases: Coronary Artery Disease. , 2020, , 913-926.		0
119	Impact of Exercise on Cardiovascular Risk Factors: Dyslipidemia. , 2020, , 747-767.		0
120	070â€¦Metabolic/endocrine disease, older females, longer race distance, slower race pace and higher WBGT are independent risk factors associated with medical encounters in 21.1 km and 56 km runners: a SAFER study in 76654 starters. , 2021, , .		0
121	068â€¦Environmental factors, training factors, race pace and distance, older age, and metabolic/endocrine disease are independent risk factors associated with adverse events in runners: a SAFER study in 76654 starters. , 2021, , .		0