

Petra Platen

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,722
citations

430442

18
h-index

288905

40
g-index

51
all docs

51
docs citations

51
times ranked

2547
citing authors

#	ARTICLE	IF	CITATIONS
1	Barriers to physical activity in older adults in Germany: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011, 8, 121.	2.0	274
2	Optimal Jamar Dynamometer Handle Position to Assess Maximal Isometric Hand Grip Strength in Epidemiological Studies. <i>Journal of Hand Surgery</i> , 2012, 37, 2368-2373.	0.7	157
3	Prevalence of Back Pain in Sports: A Systematic Review of the Literature. <i>Sports Medicine</i> , 2017, 47, 1183-1207.	3.1	149
4	Short-term bed rest impairs amino acid-induced protein anabolism in humans. <i>Journal of Physiology</i> , 2004, 558, 381-388.	1.3	119
5	Calorie restriction accelerates the catabolism of lean body mass during 2 wk of bed rest. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 366-372.	2.2	111
6	Back pain in elite sports: A cross-sectional study on 1114 athletes. <i>PLoS ONE</i> , 2017, 12, e0180130.	1.1	93
7	Effects of follicular versus luteal phase-based strength training in young women. <i>SpringerPlus</i> , 2014, 3, 668.	1.2	87
8	Bone resorption is induced on the second day of bed rest: results of a controlled crossover trial. <i>Journal of Applied Physiology</i> , 2003, 95, 977-982.	1.2	80
9	Physical activity patterns in older men and women in Germany: a cross-sectional study. <i>BMC Public Health</i> , 2011, 11, 559.	1.2	61
10	Intensive exercise induces changes of endothelial nitric oxide synthase pattern in human erythrocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 2009, 20, 95-103.	1.2	50
11	Effects of 12 Weeks of Hypertrophy Resistance Exercise Training Combined with Collagen Peptide Supplementation on the Skeletal Muscle Proteome in Recreationally Active Men. <i>Nutrients</i> , 2019, 11, 1072.	1.7	49
12	General practitioner advice on physical activity: Analyses in a cohort of older primary health care patients (getABI). <i>BMC Family Practice</i> , 2011, 12, 26.	2.9	40
13	Prolonged Collagen Peptide Supplementation and Resistance Exercise Training Affects Body Composition in Recreationally Active Men. <i>Nutrients</i> , 2019, 11, 1154.	1.7	33
14	Eating Disorders and Their Putative Risk Factors Among Female German Professional Athletes. <i>European Eating Disorders Review</i> , 2015, 23, 269-276.	2.3	32
15	Increased injury rates after the restructure of Germany's national second league of team handball. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1884-1891.	2.3	31
16	Contact "but not foul play" dominates injury mechanisms in men's professional handball: a video match analysis of 580 injuries. <i>British Journal of Sports Medicine</i> , 2020, 54, 984-990.	3.1	28
17	Feasibility of a multidimensional home-based exercise programme for the elderly with structured support given by the general practitioner's surgery: Study protocol of a single arm trial preparing an RCT [ISRCTN58562962]. <i>BMC Geriatrics</i> , 2009, 9, 37.	1.1	27
18	Prevalence of back pain in a group of elite athletes exposed to repetitive overhead activity. <i>PLoS ONE</i> , 2019, 14, e0210429.	1.1	22

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19	Motor Control Stabilisation Exercise for Patients with Non-Specific Low Back Pain: A Prospective Meta-Analysis with Multilevel Meta-Regressions on Intervention Effects. <i>Journal of Clinical Medicine</i> , 2020, 9, 3058.	1.0	20
20	Water Consumption during a School Day and Children's Short-Term Cognitive Performance: The CogniDROP Randomized Intervention Trial. <i>Nutrients</i> , 2020, 12, 1297.	1.7	20
21	The influence of hypoxia and prolonged exercise on attentional performance at high and extreme altitudes: A pilot study. <i>PLoS ONE</i> , 2018, 13, e0205285.	1.1	19
22	Nine typical injury patterns in German professional male football (soccer): a systematic visual video analysis of 345 match injuries. <i>British Journal of Sports Medicine</i> , 2021, 55, 390-396.	3.1	18
23	Effects of an exercise programme for chronically ill and mobility-restricted elderly with structured support by the general practitioner's practice (HOMEfit) - study protocol of a randomised controlled trial. <i>Trials</i> , 2011, 12, 263.	0.7	17
24	Injury burden differs considerably between single teams from German professional male football (soccer): surveillance of three consecutive seasons. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1656-1664.	2.3	17
25	Cycling exercise-induced myofiber transitions in skeletal muscle depend on basal fiber type distribution. <i>European Journal of Applied Physiology</i> , 2012, 112, 2393-2402.	1.2	15
26	Injuries in football (soccer) – a systematic review of epidemiology and aetiological aspects. <i>German Journal of Exercise and Sport Research</i> , 2018, 48, 309-322.	1.0	13
27	Exercise-Induced Decline in the Density of LYVE-1-Positive Lymphatic Vessels in Human Skeletal Muscle. <i>Lymphatic Research and Biology</i> , 2010, 8, 165-173.	0.5	12
28	Recruiting Hard-to-Reach Subjects for Exercise Interventions: A Multi-Centre and Multi-Stage Approach Targeting General Practitioners and Their Community-Dwelling and Mobility-Limited Patients. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 6611-6629.	1.2	11
29	Adverse Events in Mobility-Limited and Chronically Ill Elderly Adults Participating in an Exercise Intervention Study Supported by General Practitioner Practices. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 258-269.	1.3	9
30	Home-Based Exercise Supported by General Practitioner Practices: Ineffective in a Sample of Chronically Ill, Mobility-Limited Older Adults (the HOMEfit Randomized Controlled Trial). <i>Journal of the American Geriatrics Society</i> , 2016, 64, 2270-2279.	1.3	9
31	Comparative analysis of postural control and vertical jump performance between three different measurement devices. <i>PLoS ONE</i> , 2019, 14, e0222502.	1.1	9
32	Interrelations of Physical Fitness and Cognitive Functions in German Schoolchildren. <i>Children</i> , 2021, 8, 669.	0.6	9
33	Back Pain in Rowers: A Cross-sectional Study on Prevalence, Pain Characteristics and Risk Factors. <i>Sportverletzung-Sportschaden</i> , 2019, 33, 51-59.	0.6	8
34	Psychosocial subgroups in high-performance athletes with low back pain: eustress-endurance is most frequent, distress-endurance most problematic!. <i>Scandinavian Journal of Pain</i> , 2021, 21, 59-69.	0.5	7
35	Diurnal profiles of pedometer-determined physical activity in chronically ill and mobility-limited older adults: a cross-sectional study. <i>BMC Public Health</i> , 2014, 14, 1268.	1.2	6
36	Spinal and Pelvic Kinematics During Prolonged Rowing on an Ergometer vs. Indoor Tank Rowing. <i>Journal of Strength and Conditioning Research</i> , 2019, Publish Ahead of Print, 2622-2628.	1.0	6

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37	Influence of Natural Hypobaric Hypoxic Conditions on Dynamic Visual Performance. High Altitude Medicine and Biology, 2020, 21, 1-11.	0.5	6
38	Effects of daily ingestion of sodium bicarbonate on acid-base status and anaerobic performance during an altitude sojourn at high altitude: a randomized controlled trial. Journal of the International Society of Sports Nutrition, 2020, 17, 22.	1.7	6
39	Effects of oral contraceptive use on muscle strength, muscle thickness, and fiber size and composition in young women undergoing 12 weeks of strength training: a cohort study. BMC Women's Health, 2022, 22, 150.	0.8	6
40	Effects of sports climbing on muscle performance and balance for patients with multiple sclerosis: A case series. International Journal of Therapy and Rehabilitation, 2015, 22, 371-376.	0.1	5
41	Enhanced 400-m sprint performance in moderately trained participants by a 4-day alkalinizing diet: a counterbalanced, randomized controlled trial. Journal of the International Society of Sports Nutrition, 2018, 15, 25.	1.7	5
42	Increased urinary excretion rates of serotonin and metabolites during bedrest. Acta Astronautica, 2005, 56, 801-808.	1.7	4
43	Leaving injury prevention theoretical? Ask the coach! A survey of 1012 football coaches in Germany. German Journal of Exercise and Sport Research, 2018, 48, 489-497.	1.0	4
44	Short- and middle-term high-altitude exposure does not affect visual acuity and contrast sensitivity of healthy young people. Journal of Science and Medicine in Sport, 2019, 22, S12-S16.	0.6	4
45	Effects of an Alkalinizing or Acidizing Diet on High-Intensity Exercise Performance under Normoxic and Hypoxic Conditions in Physically Active Adults: A Randomized, Crossover Trial. Nutrients, 2020, 12, 688.	1.7	4
46	Reliability and Validity of a New Portable Tethered Sprint Running Test as a Measure of Maximal Anaerobic Performance. Journal of Strength and Conditioning Research, 2020, 34, 2197-2204.	1.0	2
47	Cross-sectional Association Between Level of School Sports and Different Cognitive Parameters in Schoolchildren, Considering Multiple Covariates. Mind, Brain, and Education, 0, , .	0.9	2
48	Perturbation-based trunk stabilization training in elite rowers: A pilot study. PLoS ONE, 2022, 17, e0268699.	1.1	2
49	Alterations in acid-base balance and high-intensity exercise performance after short-term and long-term exposure to acute normobaric hypoxic conditions. Scientific Reports, 2020, 10, 13732.	1.6	1