

# Andrew A Flatt

## List of Publications by Year in descending order

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47  
papers

1,282  
citations

430874

18  
h-index

377865

34  
g-index

47  
all docs

47  
docs citations

47  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Long-Haul Travel and the Olympic Games on Heart-Rate Variability in Rugby Sevens Medalists. International Journal of Sports Physiology and Performance, 2022, 17, 951-960.	2.3	2
2	Reliability of Symbolic Analysis of Heart Rate Variability and Its Changes During Sympathetic Stimulation in Elite Modern Pentathlon Athletes: A Pilot Study. Frontiers in Physiology, 2022, 13, 829887.	2.8	2
3	Cardiac Rehabilitation Improves Endothelial Function in Coronary Artery Disease Patients. International Journal of Sports Medicine, 2022, 43, 905-920.	1.7	10
4	Effect of Competitive Status and Experience on Heart Rate Variability Profiles in Collegiate Sprint-Swimmers. Journal of Strength and Conditioning Research, 2021, Publish Ahead of Print, .	2.1	2
5	Relationships between Workload, Heart Rate Variability, and Performance in a Recreational Endurance Runner. Journal of Functional Morphology and Kinesiology, 2021, 6, 30.	2.4	4
6	Cardiac-autonomic and hemodynamic responses to a hypertonic, sugar-sweetened sports beverage in physically active men. Applied Physiology, Nutrition and Metabolism, 2021, 46, 1189-1195.	1.9	10
7	Heart rate-based indices to detect parasympathetic hyperactivity in functionally overreached athletes. A meta-analysis. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1164-1182.	2.9	16
8	Ultrashort Versus Criterion Heart Rate Variability Among International-Level Girls' Field Hockey Players. International Journal of Sports Physiology and Performance, 2021, 16, 985-992.	2.3	9
9	Heart Rate Variability-Guided Training for Enhancing Cardiac-Vagal Modulation, Aerobic Fitness, and Endurance Performance: A Methodological Systematic Review with Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 10299.	2.6	11
10	Monitoring training in women's volleyball: Supine or seated heart rate variability?. Physiology and Behavior, 2021, 240, 113537.	2.1	3
11	Season-Long Heart-Rate Variability Tracking Reveals Autonomic Imbalance in American College Football Players. International Journal of Sports Physiology and Performance, 2021, 16, 1834-1843.	2.3	8
12	Perceived Pain Responses to Foam Rolling Associate with Basal Heart Rate Variability. International Journal of Therapeutic Massage & Bodywork, 2021, 14, 14-21.	0.2	0
13	Cardiac-Autonomic Responses to In-Season Training Among Division-1 College Football Players. Journal of Strength and Conditioning Research, 2020, 34, 1649-1656.	2.1	10
14	Changes in Short-Term and Ultra-Short Term Heart Rate, Respiratory Rate, and Time-Domain Heart Rate Variability Parameters during Sympathetic Nervous System Activity Stimulation in Elite Modern Pentathletes: A Pilot Study. Diagnostics, 2020, 10, 1104.	2.6	6
15	Suitability of Ultra-Short-Term Heart Rate Variability in Military Trainees. Healthcare (Switzerland), 2020, 8, 409.	2.0	5
16	A Pilot Study of the Reliability and Agreement of Heart Rate, Respiratory Rate and Short-Term Heart Rate Variability in Elite Modern Pentathlon Athletes. Diagnostics, 2020, 10, 833.	2.6	19
17	Role of Type and Volume of Recreational Physical Activity on Heart Rate Variability in Men. International Journal of Environmental Research and Public Health, 2020, 17, 2719.	2.6	3
18	Prediction of Simulated 1,000 m Kayak Ergometer Performance in Young Athletes. Frontiers in Public Health, 2020, 8, 526477.	2.7	3

#	ARTICLE	IF	CITATIONS
19	Heart Rate Variability in College Football Players throughout Preseason Camp in the Heat. International Journal of Sports Medicine, 2020, 41, 589-595.	1.7	6
20	Effects of varying training load on heart rate variability and running performance among an Olympic rugby sevens team. Journal of Science and Medicine in Sport, 2019, 22, 222-226.	1.3	54
21	Heart Rate Variability, Neuromuscular and Perceptual Recovery Following Resistance Training. Sports, 2019, 7, 225.	1.7	9
22	Daily Heart Rate Variability before and after Concussion in an American College Football Player. Sports, 2019, 7, 97.	1.7	7
23	Heart Rate Variability Monitoring During Strength and High-Intensity Interval Training Overload Microcycles. Frontiers in Physiology, 2019, 10, 582.	2.8	37
24	Influence of Training Models at 3,900-m Altitude on the Physiological Response and Performance of a Professional Wheelchair Athlete: A Case Study. Journal of Strength and Conditioning Research, 2019, 33, 1714-1722.	2.1	5
25	Effects of consecutive domestic and international tournaments on heart rate variability in an elite rugby sevens team. Journal of Science and Medicine in Sport, 2019, 22, 616-621.	1.3	16
26	Authors' reply to Medeiros et al.: Make it easier! Evaluation of the "vagal-sympathetic effect" in different conditions with R-R intervals monitoring. European Journal of Applied Physiology, 2018, 118, 1289-1290.	2.5	1
27	Heart Rate Variability and Training Load Among National Collegiate Athletic Association Division 1 College Football Players Throughout Spring Camp. Journal of Strength and Conditioning Research, 2018, 32, 3127-3134.	2.1	24
28	Ultra-shortened time-domain HRV parameters at rest and following exercise in athletes: an alternative to frequency computation of sympathovagal balance. European Journal of Applied Physiology, 2018, 118, 175-184.	2.5	46
29	Association between Subjective Indicators of Recovery Status and Heart Rate Variability among Division-1 Sprint-Swimmers. Sports, 2018, 6, 93.	1.7	16
30	Modelling the HRV Response to Training Loads in Elite Rugby Sevens Players. Journal of Sports Science and Medicine, 2018, 17, 402-408.	1.6	14
31	Monitoring Heart Rate Variability Before and After a Marathon in an Elite Wheelchair Athlete: A Case Study. Journal of Sports Science and Medicine, 2018, 17, 557-562.	1.6	0
32	Postexercise heart rate variability following treadmill and cycle exercise: a comparison study. Clinical Physiology and Functional Imaging, 2017, 37, 322-327.	1.2	9
33	Individual Heart Rate Variability Responses to Preseason Training in High Level Female Soccer Players. Journal of Strength and Conditioning Research, 2017, 31, 531-538.	2.1	66
34	Adequacy of the Ultra-Short-Term HRV to Assess Adaptive Processes in Youth Female Basketball Players. Journal of Human Kinetics, 2017, 56, 73-80.	1.5	21
35	Intraday and Interday Reliability of Ultra-Short-Term Heart Rate Variability in Rugby Union Players. Journal of Strength and Conditioning Research, 2017, 31, 548-551.	2.1	40
36	Agreement Between a Smartphone Pulse Sensor Application and Electrocardiography for Determining lnRMSSD. Journal of Strength and Conditioning Research, 2017, 31, 380-385.	2.1	34

#	ARTICLE	IF	CITATIONS
37	Heart rate variability and psychometric responses to overload and tapering in collegiate sprint-swimmers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 606-610.	1.3	68
38	Interpreting daily heart rate variability changes in collegiate female soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 907-915.	0.7	59
39	Evaluating Individual Training Adaptation With Smartphone-Derived Heart Rate Variability in a Collegiate Female Soccer Team. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 378-385.	2.1	86
40	Monitoring weekly heart rate variability in futsal players during the preseason: the importance of maintaining high vagal activity. <i>Journal of Sports Sciences</i> , 2016, 34, 2262-2268.	2.0	46
41	Assessing Shortened Field-Based Heart-Rate-Variability-Data Acquisition in Team-Sport Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 154-158.	2.3	46
42	Heart rate variability stabilization in athletes: towards more convenient data acquisition. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 331-336.	1.2	77
43	Smartphone-Derived Heart-Rate Variability and Training Load in a Women's Soccer Team. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 994-1000.	2.3	79
44	Ultra-Short-Term Heart Rate Variability is Sensitive to Training Effects in Team Sports Players. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 602-5.	1.6	62
45	Tracking Changes in Maximal Oxygen Consumption with the Heart Rate Index in Female Collegiate Soccer Players. <i>Journal of Human Kinetics</i> , 2014, 42, 103-111.	1.5	12
46	Ultra-short-term heart rate variability indexes at rest and post-exercise in athletes: evaluating the agreement with accepted recommendations. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 535-41.	1.6	117
47	Validity of the athlete™ Smart Phone Application for Determining Ultra-Short-Term Heart Rate Variability. <i>Journal of Human Kinetics</i> , 2013, 39, 85-92.	1.5	102