Brian Hanley

List of Publications by Year
in descending order

54 papers	880 citations	471371 17 h-index	526166 27 g-index
55 all docs	55 docs citations	55 times ranked	644 citing authors

#	Article	IF	Citations
1	Pacing, packing and sex-based differences in Olympic and IAAF World Championship marathons. Journal of Sports Sciences, 2016, 34, 1675-1681.	1.0	74
2	Pacing profiles and pack running at the IAAF World Half Marathon Championships. Journal of Sports Sciences, 2015, 33, 1189-1195.	1.0	62
3	World-Class Long-Distance Running Performances Are Best Predicted by Volume of Easy Runs and Deliberate Practice of Short-Interval and Tempo Runs. Journal of Strength and Conditioning Research, 2021, 35, 2525-2531.	1.0	46
4	Pacing profiles and tactical behaviors of elite runners. Journal of Sport and Health Science, 2021, 10, 537-549.	3.3	44
5	An Analysis of Pacing Profiles of World-Class Racewalkers. International Journal of Sports Physiology and Performance, 2013, 8, 435-441.	1.1	38
6	Senior menâ€™s pacing profiles at the IAAF World Cross Country Championships. Journal of Sports Sciences, 2014, 32, 1060-1065.	1.0	38
7	Most marathon runners at the 2017 IAAF World Championships were rearfoot strikers, and most did not change footstrike pattern. Journal of Biomechanics, 2019, 92, 54-60.	0.9	38
8	Gait variability and symmetry remain consistent during high-intensity 10,000â€¯m treadmill running. Journal of Biomechanics, 2018, 79, 129-134.	0.9	36
9	The Science Behind Competition and Winning in Athletics: Using World-Level Competition Data to Explore Pacing and Tactics. Frontiers in Sports and Active Living, 2019, 1, 11.	0.9	32
10	Kinematic characteristics of elite men's 50Âkm race walking. European Journal of Sport Science, 2013, 13, 272-279.	1.4	29
11	Successful Pacing Profiles of Olympic and IAAF World Championship Middle-Distance Runners Across Qualifying Rounds and Finals. International Journal of Sports Physiology and Performance, 2019, 14, 894-901.	1.1	29
12	Kinematic characteristics of elite men's and women's 20Âkm race walking and their variation during the race. Sports Biomechanics, 2011, 10, 110-124.	0.8	28
13	Changes in Gait During Constant Pace Treadmill Running. Journal of Strength and Conditioning Research, 2014, 28, 1219-1225.	1.0	28
14	Champions are racers, not pacers: an analysis of qualification patterns of Olympic and IAAF World Championship middle distance runners. Journal of Sports Sciences, 2018, 36, 2614-2620.	1.0	27
15	Reliability of the OptoJump Next System for Measuring Temporal Values in Elite Racewalking. Journal of Strength and Conditioning Research, 2019, 33, 3438-3443.	1.0	26
16	Analysis of lower limb internal kinetics and electromyography in elite race walking. Journal of Sports Sciences, 2013, 31, 1222-1232.	1.0	21
17	Differences between motion capture and video analysis systems in calculating knee angles in elite-standard race walking. Journal of Sports Sciences, 2018, 36, 1250-1255.	1.0	21
18	Deliberate practice in training differentiates the best Kenyan and Spanish longâ€distance runners. European Journal of Sport Science, 2020, 20, 887-895.	1.4	20

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19	Ground reaction forces of Olympic and World Championship race walkers. European Journal of Sport Science, 2016, 16, 50-56.	1.4	15
20	Kinematic Variations Due to Changes in Pace during Men's and Women's 5 km Road Running. International Journal of Sports Science and Coaching, 2011, 6, 243-252.	0.7	14
21	Risk Taking Runners Slow More in the Marathon. Frontiers in Psychology, 2019, 10, 333.	1.1	14
22	Gait variability and symmetry in world-class senior and junior race walkers. Journal of Sports Sciences, 2017, 35, 1739-1744.	1.0	13
23	Cypriot and Greek Army Military Boot Cushioning: Ground Reaction Forces and Subjective Responses. Military Medicine, 2013, 178, e493-e497.	0.4	12
24	Asymmetry in sprinting: An insight into subâ€10 and subâ€11 s men and women sprinters. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 69-82.	1.3	12
25	Mechanical and neural function of triceps surae in elite racewalking. Journal of Applied Physiology, 2016, 121, 101-105.	1.2	11
26	Pacing Profiles of Olympic and IAAF World Championship Long-Distance Runners. Journal of Strength and Conditioning Research, 2021, 35, 1134-1140.	1.0	11
27	World-Class Male Sprinters and High Hurdlers Have Similar Start and Initial Acceleration Techniques. Frontiers in Sports and Active Living, 2019, 1, 23.	0.9	10
28	Footstrike patterns and race performance in the 2017 IAAF World Championship menâ€™s 10,000 m final. Sports Biomechanics, 2024, 23, 314-323.	0.8	10
29	Analysis of lower limb work-energy patterns in world-class race walkers. Journal of Sports Sciences, 2017, 35, 960-966.	1.0	9
30	Gait Alterations During Constant Pace Treadmill Racewalking. Journal of Strength and Conditioning Research, 2015, 29, 2142-2147.	1.0	7
31	Pacing profiles of senior men and women at the 2017 IAAF World Cross Country Championships. Journal of Sports Sciences, 2018, 36, 1402-1406.	1.0	7
32	Assessment of IAAF Racewalk Judges' Ability to Detect Legal and Non-legal Technique. Frontiers in Sports and Active Living, 2019, 1, 9.	0.9	7
33	Increases in speed do not change gait symmetry or variability in world-class race walkers. Journal of Sports Sciences, 2020, 38, 2758-2764.	1.0	7
34	Men's and Women's World Championship Marathon Performances and Changes With Fatigue Are Not Explained by Kinematic Differences Between Footstrike Patterns. Frontiers in Sports and Active Living, 2020, 2, 102.	0.9	7
35	Biomechanics of World-Class Men and Women Hurdlers. Frontiers in Sports and Active Living, 2021, 3, 704308.	0.9	7
36	A Model for World-Class 10,000 m Running Performances: Strategy and Optimization. Frontiers in Sports and Active Living, 2021, 2, 636428.	0.9	6

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37	Kinematic factors associated with start performance in World-class male sprinters. Journal of Biomechanics, 2021, 124, 110554.	0.9	6
38	Successful Pacing Profiles of Olympic Men and Women 3,000 m Steeplechasers. Frontiers in Sports and Active Living, 2020, 2, 21.	0.9	5
39	Pacing behaviour of middleâ€long distance running & raceâ€walking athletes at the IAAF U18 and U20 World Championship finals. European Journal of Sport Science, 2022, 22, 780-789.	1.4	5
40	The head is an excellent proxy for the whole body center of mass when measuring running velocity in competition. Journal of Biomechanics, 2021, 121, 110399.	0.9	5
41	Muscle Activation Patterns Correlate With Race Walking Economy in Elite Race Walkers: A Waveform Analysis. International Journal of Sports Physiology and Performance, 2019, 14, 1250-1255.	1.1	4
42	Lane and Heat Draw Have Little Effect on Placings and Progression in Olympic and IAAF World Championship 800 m Running. Frontiers in Sports and Active Living, 2019, 1, 19.	0.9	4
43	Better water jump clearances were differentiated by longer landing distances in the 2017 IAAF World Championship 3000 m steeplechase finals. Journal of Sports Sciences, 2020, 38, 330-335.	1.0	4
44	Muscleâ€tendon morphology and function following longâ€term exposure to repeated and strenuous mechanical loading. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1151-1162.	1.3	4
45	More Pace Variation and Pack Formation in Successful World-Class 10,000-m Runners Than in Less Successful Competitors. International Journal of Sports Physiology and Performance, 2020, 15, 1369-1376.	1.1	4
46	Kinematics of the Final Approach and Take-Off Phases in World-Class Men and Women Pole Vaulters. Frontiers in Sports and Active Living, 2022, 4, 835659.	0.9	4
47	Kinematic and Temporal Differences Between World-Class Men's and Women's Hurdling Techniques. Frontiers in Sports and Active Living, 2022, 4, 873547.	0.9	4
48	Meso-pacing in Olympic and World Championship sprints and hurdles: Medallists save their best for the final. Journal of Sports Sciences, 2021, 39, 2611-2617.	1.0	3
49	The Role of Upper Body Biomechanics in Elite Racewalkers. Frontiers in Sports and Active Living, 2021, 3, 702743.	0.9	3
50	Individual performances relative to season bests in major track running championship races are distance-, position- and sex-dependent. European Journal of Human Movement, 2020, 44, .	0.2	2
51	Morphological and mechanical properties of lower limbs in competitive racewalkers: Associations with performance. Journal of Biomechanics, 2021, 129, 110802.	0.9	2
52	Development and Maintenance of Sprint Training Adaptations: An Uphill-Downhill Study. Journal of Strength and Conditioning Research, 2022, 36, 90-98.	1.0	2
53	Biomechanics of World-Class 800 m Women at the 2017 IAAF World Championships. Frontiers in Sports and Active Living, 2022, 4, 834813.	0.9	2
54	Repeatability and sensitivity of passive mechanical stiffness measurements in the triceps surae muscleâ€tendon complex. Scandinavian Journal of Medicine and Science in Sports, 2021, , .	1.3	1