

# Ayako Higashihara

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

495  
citations

840776

11  
h-index

713466

21  
g-index

32  
all docs

32  
docs citations

32  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional differences in the activity of the hamstring muscles with increasing running speed. <i>Journal of Sports Sciences</i> , 2010, 28, 1085-1092.	2.0	96
2	Hamstring Functions During Hip-Extension Exercise Assessed With Electromyography and Magnetic Resonance Imaging. <i>Research in Sports Medicine</i> , 2010, 19, 42-52.	1.3	71
3	Differences in hamstring activation characteristics between the acceleration and maximum-speed phases of sprinting. <i>Journal of Sports Sciences</i> , 2018, 36, 1313-1318.	2.0	59
4	Differences in activation properties of the hamstring muscles during overground sprinting. <i>Gait and Posture</i> , 2015, 42, 360-364.	1.4	37
5	Relationship between the peak time of hamstring stretch and activation during sprinting. <i>European Journal of Sport Science</i> , 2016, 16, 36-41.	2.7	37
6	Effects of forward trunk lean on hamstring muscle kinematics during sprinting. <i>Journal of Sports Sciences</i> , 2015, 33, 1366-1375.	2.0	30
7	Hamstring muscles' function deficit during overground sprinting in track and field athletes with a history of strain injury. <i>Journal of Sports Sciences</i> , 2019, 37, 2744-2750.	2.0	30
8	Mechanics of the muscles crossing the hip joint during sprint running. <i>Journal of Sports Sciences</i> , 2014, 32, 1722-1728.	2.0	28
9	Differences in the electromyographic activity of the hamstring muscles during maximal eccentric knee flexion. <i>European Journal of Applied Physiology</i> , 2010, 108, 355-362.	2.5	19
10	Japanese translation and modification of the Oslo Sports Trauma Research Centre overuse injury questionnaire to evaluate overuse injuries in female college swimmers. <i>PLoS ONE</i> , 2019, 14, e0215352.	2.5	17
11	Estimation of Tensile Force in the Hamstring Muscles during Overground Sprinting. <i>International Journal of Sports Medicine</i> , 2015, 36, 163-168.	1.7	11
12	Movements with greater trunk accelerations and their properties during badminton games. <i>Sports Biomechanics</i> , 2020, 19, 342-352.	1.6	11
13	Tracking of Time-Dependent Changes in Muscle Hardness After a Full Marathon. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3431-3437.	2.1	10
14	Change in muscle thickness under contracting conditions following return to sports after a hamstring muscle strain injury—a pilot study. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2015, 2, 63-67.	1.0	8
15	Regional differences in hamstring muscle damage after a marathon. <i>PLoS ONE</i> , 2020, 15, e0234401.	2.5	7
16	Gender differences in trunk acceleration and related posture during shuttle run cutting. <i>International Biomechanics</i> , 2016, 3, 33-39.	1.0	6
17	Biceps Femoris Muscle is Activated by Performing Nordic Hamstring Exercise at a Shallow Knee Flexion Angle. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 275-283.	1.6	5
18	Functional Differences between Individual Hamstring Muscles at Different Running Speeds. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 404.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Greater knee varus angle and pelvic internal rotation after landing are predictive factors of a non-contact lateral ankle sprain. <i>Physical Therapy in Sport</i> , 2021, 50, 59-64.	1.9	3
20	Neuromuscular responses of the hamstring and lumbopelvic muscles during unanticipated trunk perturbations. <i>Journal of Sports Sciences</i> , 2022, 40, 431-441.	2.0	3
21	Changes in muscle hardness after a full marathon appear different even intramuscularly. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 1094-1095.	0.7	2
22	Increase in foot arch asymmetry after full marathon completion. <i>Journal of Sports Sciences</i> , 2021, 39, 2468-2474.	2.0	1
23	Differences in Activation Patterns of the Hamstring Muscles During Sprinting. , 2015, , 299-309.		0
24	Effect of strength and tightness of lower extremity muscles on biceps femoris kinematics during sprinting. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2016, 176, .	0.1	0
25	132â€¦Neuromuscular responses of the hamstring and trunk muscles during unanticipated trunk perturbations. , 2021, , .		0
26	Regional differences in hamstring muscle damage after a marathon. , 2020, 15, e0234401.		0
27	Regional differences in hamstring muscle damage after a marathon. , 2020, 15, e0234401.		0
28	Regional differences in hamstring muscle damage after a marathon. , 2020, 15, e0234401.		0
29	Regional differences in hamstring muscle damage after a marathon. , 2020, 15, e0234401.		0
30	Regional differences in hamstring muscle damage after a marathon. , 2020, 15, e0234401.		0
31	Regional differences in hamstring muscle damage after a marathon. , 2020, 15, e0234401.		0
32	Differences in the recruitment properties of the corticospinal pathway between the biceps femoris and rectus femoris muscles. <i>Brain Research</i> , 2022, 1790, 147963.	2.2	0