

JosÃ© MarÃ­a Muyor

List of Publications by Year in descending order

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78
papers

1,240
citations

394421

19
h-index

454955

30
g-index

83
all docs

83
docs citations

83
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Hamstring Muscles Extensibility on Spinal Curvatures and Pelvic Tilt in Highly Trained Cyclists. <i>Journal of Human Kinetics</i> , 2011, 29, 15-23.	1.5	87
2	Acute Effects of Hamstring Stretching on Sagittal Spinal Curvatures and Pelvic Tilt. <i>Journal of Human Kinetics</i> , 2012, 31, 69-78.	1.5	75
3	Acceleration and sprint profiles of professional male football players in relation to playing position. <i>PLoS ONE</i> , 2020, 15, e0236959.	2.5	51
4	Core Muscle Activity during Physical Fitness Exercises: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4306.	2.6	46
5	Sagittal Spinal and Pelvic Postures of Highly-Trained Young Canoeists. <i>Journal of Human Kinetics</i> , 2011, 29, 41-48.	1.5	42
6	Effect of stretching program in an industrial workplace on hamstring flexibility and sagittal spinal posture of adult women workers: A randomized controlled trial. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2012, 25, 161-169.	1.1	39
7	Exercise Intensity and Validity of the Ratings of Perceived Exertion (Borg and OMNI Scales) in an Indoor Cycling Session. <i>Journal of Human Kinetics</i> , 2013, 39, 93-101.	1.5	38
8	Criterion-Related Validity of Sit-and-Reach and Toe-Touch Tests as a Measure of Hamstring Extensibility in Athletes. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 546-555.	2.1	37
9	Sprint kayaking and canoeing performance prediction based on the relationship between maturity status, anthropometry and physical fitness in young elite paddlers. <i>Journal of Sports Sciences</i> , 2017, 35, 1083-1090.	2.0	35
10	Decomposing the variability of match physical performance in professional soccer: Implications for monitoring individuals. <i>European Journal of Sport Science</i> , 2021, 21, 1588-1596.	2.7	30
11	Electromyographic activity in the gluteus medius, gluteus maximus, biceps femoris, vastus lateralis, vastus medialis and rectus femoris during the Monopodal Squat, Forward Lunge and Lateral Step-Up exercises. <i>PLoS ONE</i> , 2020, 15, e0230841.	2.5	29
12	Electromyographic activity in deadlift exercise and its variants. A systematic review. <i>PLoS ONE</i> , 2020, 15, e0229507.	2.5	28
13	Concurrent Validity of Clinical Tests for Measuring Hamstring Flexibility in School Age Children. <i>International Journal of Sports Medicine</i> , 2014, 35, 664-669.	1.7	27
14	A comparison of the thoracic spine in the sagittal plane between elite cyclists and non-athlete subjects. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2011, 24, 129-135.	1.1	25
15	Influence of hamstring extensibility on sagittal spinal curvatures and pelvic tilt in highly trained young kayakers. <i>European Journal of Sport Science</i> , 2012, 12, 469-474.	2.7	25
16	Spinal posture of thoracic and lumbar spine and pelvic tilt in highly trained cyclists. <i>Journal of Sports Science and Medicine</i> , 2011, 10, 355-61.	1.6	24
17	The effects of a reformer Pilates program on body composition and morphological characteristics in active women after a detraining period. <i>Women and Health</i> , 2016, 56, 784-806.	1.0	22
18	The Relationship Between Hamstring Muscle Extensibility and Spinal Postures Varies with the Degree of Knee Extension. <i>Journal of Applied Biomechanics</i> , 2013, 29, 678-686.	0.8	20

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19	The first, second, and third most demanding passages of play in professional soccer: a longitudinal study. <i>Biology of Sport</i> , 2021, 38, 165-174.	3.2	20
20	Heart rate and overall ratings of perceived exertion during Spinning® cycle indoor session in novice adults. <i>Science and Sports</i> , 2010, 25, 238-244.	0.5	18
21	Differences in worst-case scenarios calculated by fixed length and rolling average methods in professional soccer match-play. <i>Biology of Sport</i> , 2021, 38, 325-331.	3.2	18
22	Test-retest reliability and validity of a motion capture (MOCAP) system for measuring thoracic and lumbar spinal curvatures and sacral inclination in the sagittal plane. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 1319-1325.	1.1	17
23	Effect of Five Bench Inclinations on the Electromyographic Activity of the Pectoralis Major, Anterior Deltoid, and Triceps Brachii during the Bench Press Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7339.	2.6	17
24	When and how do elite soccer players sprint in match play? A longitudinal study in a professional soccer league. <i>Research in Sports Medicine</i> , 2023, 31, 1-12.	1.3	17
25	Association of Trunk Rotational Velocity with Spine Mobility and Curvatures in Para Table Tennis Players. <i>International Journal of Sports Medicine</i> , 2018, 39, 1055-1062.	1.7	16
26	Evaluation and comparison of electromyographic activity in bench press with feet on the ground and active hip flexion. <i>PLoS ONE</i> , 2019, 14, e0218209.	2.5	16
27	The influence of handlebar-hands position on spinal posture in professional cyclists. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2015, 28, 167-172.	1.1	14
28	Load release balance test under unstable conditions effectively discriminates between physically active and sedentary young adults. <i>Human Movement Science</i> , 2016, 48, 142-152.	1.4	13
29	Validity and Reliability of a New Device (WIMU®) for Measuring Hamstring Muscle Extensibility. <i>International Journal of Sports Medicine</i> , 2017, 38, 691-695.	1.7	13
30	Sagittal spinal morphology in highly trained adolescent tennis players. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 588-93.	1.6	13
31	Influencia de la Extensibilidad Isquiosural en la MorfologÃa Sagital del Raquis e InclinciÃ³n PÃ©lvica en Deportistas. <i>International Journal of Morphology</i> , 2012, 30, 176-181.	0.2	12
32	Differences in Anthropometry, Biological Age and Physical Fitness Between Young Elite Kayakers and Canoeists. <i>Journal of Human Kinetics</i> , 2017, 57, 181-190.	1.5	12
33	Comparison of sagittal spinal curvatures and pelvic tilt in highly trained athletes from different sport disciplines. <i>Kinesiology</i> , 2017, 49, 109-116.	0.6	12
34	Morphological and Physical Fitness Profile of Young Female Sprint Kayakers. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1963-1970.	2.1	12
35	Road Cycling and Mountain Biking Produces Adaptations on the Spine and Hamstring Extensibility. <i>International Journal of Sports Medicine</i> , 2016, 37, 43-49.	1.7	10
36	Design and analysis of a constant-force bench press. <i>Mechanism and Machine Theory</i> , 2019, 142, 103612.	4.5	10

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37	Key load indicators and load variability in professional soccer players: a full season study. <i>Research in Sports Medicine</i> , 2023, 31, 201-213.	1.3	10
38	What Are the Physical Demands of Sexual Intercourse? A Systematic Review of the Literature. <i>Archives of Sexual Behavior</i> , 2022, 51, 1397-1417.	1.9	10
39	Effects of Latin style professional dance on the spinal posture and pelvic tilt. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 791-800.	1.1	9
40	When do soccer players experience the most demanding passages of match play? A longitudinal study in a professional team. <i>Research in Sports Medicine</i> , 2023, 31, 101-111.	1.3	9
41	Evolución de la Morfología del Raquis e Inclinación Pélvica en Ciclistas de Diferentes Edades: Un Estudio Transversal. <i>International Journal of Morphology</i> , 2012, 30, 199-204.	0.2	8
42	Kinematic Variables Evolution During a 200-m Maximum Test in Young Paddlers. <i>Journal of Human Kinetics</i> , 2013, 38, 15-22.	1.5	8
43	Effects of Acute Fatigue of the Hip Flexor Muscles on Hamstring Muscle Extensibility. <i>Journal of Human Kinetics</i> , 2016, 53, 23-31.	1.5	8
44	Test-retest reliability and validity of a motion capture (MOCAP) system for measuring thoracic and lumbar spinal curvatures and sacral inclination in the sagittal plane. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, , 1-7.	1.1	8
45	Reliability and validity of a new accelerometer (Wimu [®]) system for measuring velocity during resistance exercises. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2018, 232, 218-224.	0.7	8
46	Evaluation of the Lower Limb Muscles' Electromyographic Activity during the Leg Press Exercise and Its Variants: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4626.	2.6	8
47	Validity and Reliability of a New Inertial Device for Monitoring Range of Motion at the Pelvis during Sexual Intercourse. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2884.	2.6	8
48	Validity and Reliability of an Inertial Device for Measuring Dynamic Weight-Bearing Ankle Dorsiflexion. <i>Sensors</i> , 2020, 20, 399.	3.8	7
49	Analysis of team success based on match technical and running performance in a professional soccer league. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, 82.	1.7	7
50	Perfil Antropométrico del Canoísta Joven de Aguas Tranquilas. <i>International Journal of Morphology</i> , 2011, 29, 835-840.	0.2	6
51	Características Morfológicas y Maduración en Mujeres Kayakistas Jóvenes de Aguas Tranquilas y Slalom. <i>International Journal of Morphology</i> , 2012, 30, 895-901.	0.2	6
52	Effect of Playing Position, Match Half, and Match Day on the Trunk Inclination, G-Forces, and Locomotor Efficiency Experienced by Elite Soccer Players in Match Play. <i>Sensors</i> , 2020, 20, 5814.	3.8	6
53	Valoración del Morfotipo Raquedeo en el Plano Sagital en Ciclistas de Categoría Máster 40. <i>International Journal of Morphology</i> , 2011, 29, 727-732.	0.2	5
54	Kinematic Analysis of the Postural Demands in Professional Soccer Match Play Using Inertial Measurement Units. <i>Sensors</i> , 2020, 20, 5971.	3.8	5

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55	Analysis of key external and internal load variables in professional female futsal players: a longitudinal study. <i>Research in Sports Medicine</i> , 2023, 31, 309-318.	1.3	5
56	Understanding the FIFA quality performance reports for electronic performance and tracking systems: from science to practice. <i>Science and Medicine in Football</i> , 2022, 6, 398-403.	2.0	5
57	Morfología Sagital del Raquis en Palistas JÓvenes de Alto Nivel. <i>International Journal of Morphology</i> , 2011, 29, 1047-1053.	0.2	4
58	Nerve conduction study of the three supraclavicular nerve branches. <i>Muscle and Nerve</i> , 2018, 58, 300-303.	2.2	4
59	A longitudinal analysis of morphological characteristics and body proportionality in young elite sprint paddlers. <i>Physician and Sportsmedicine</i> , 2019, 47, 479-486.	2.1	4
60	Comparación de la disposición sagital del raquis lumbar entre ciclistas de Élite y sedentarios. (Comparison of sagittal lumbar curvatures of elite cyclists and non-athletes). <i>Cultura, Ciencia Y Deporte</i> , 2011, 6, 37-43.	0.2	4
61	Exploring the Use of Player Load in Elite Soccer Players. <i>Sports Health</i> , 2023, 15, 61-66.	2.7	4
62	When and how do professional soccer players experience maximal intensity sprints in LaLiga?. <i>Science and Medicine in Football</i> , 2023, 7, 288-296.	2.0	4
63	Muscle Activation and Kinematic Analysis during the Inclined Leg Press Exercise in Young Females. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8698.	2.6	3
64	Design of trajectories and torques by parameter optimization for the bench press exercise on a Smith machine. <i>Mechanism and Machine Theory</i> , 2021, 155, 104089.	4.5	3
65	Influence of Feet Position and Execution Velocity on Muscle Activation and Kinematic Parameters During the Inclined Leg Press Exercise. <i>Sports Health</i> , 2022, 14, 317-327.	2.7	3
66	Differential Effects of Perturbation Magnitude on Reactive Balance Control in Young Sedentary Adults. <i>Motor Control</i> , 2021, 25, 437-450.	0.6	3
67	The association of reactive balance control and spinal curvature under lumbar muscle fatigue. <i>PeerJ</i> , 2021, 9, e11969.	2.0	3
68	Effects of cycling on the morphology and spinal posture in professional and recreational cyclists: a systematic review. <i>Sports Biomechanics</i> , 2023, 22, 567-596.	1.6	3
69	The influence of different hand paddle size on 100-m front crawl kinematics. <i>Journal of Human Kinetics</i> , 2012, 34, 112-118.	1.5	2
70	Características Morfológicas y Perfil Antropométrico en Mujeres que Practican Pilates Clásico y Mat Clásico. <i>International Journal of Morphology</i> , 2014, 32, 695-702.	0.2	2
71	Effect of playing position, passage duration and starting status on the most demanding passages of match play in professional football. <i>Research in Sports Medicine</i> , 2021, 29, 417-426.	1.3	2
72	Evaluation of load-velocity relationships in the inclined leg press exercise: A comparison between genders. <i>Science and Sports</i> , 2022, 37, 320.e1-320.e9.	0.5	2

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73	Índices Antropométricos en Canoístas de Elite Jóvenes de Aguas Tranquilas. International Journal of Morphology, 2012, 30, 583-587.	0.2	1
74	Efecto de un Programa de Estiramientos de la Musculatura Isquiosural en Futbolistas. International Journal of Morphology, 2012, 30, 1065-1070.	0.2	1
75	RELACIÓN ENTRE LOS PARÁMETROS ANTROPOMÉTRICOS Y LA ADHESIÓN A LA DIETA MEDITERRÁNEA EN JÓVENES PIRAGUISTAS HOMBRES DE ÉLITE. MHSalud, 2018, 15, 1.	0.2	1
76	Análisis de la Morfología del Raquis Torácico y Lumbar en Mujeres Trabajadoras de una Cooperativa Hortofrutícola. International Journal of Morphology, 2012, 30, 483-488.	0.2	1
77	Using wireless inertial measurement units for measuring hip range of motion through commonly used clinical tests. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712211067.	0.7	0
78	Effect of incremental intensities on the spinal morphology and core muscle activation in competitive cyclists. Sports Biomechanics, 2023, 22, 597-620.	1.6	0