JosÃ© MarÃ-a Muyor

List of Publications by Year
in descending order

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	When and how do elite soccer players sprint in match play? A longitudinal study in a professional soccer league. Research in Sports Medicine, 2023, 31, 1-12.	1.3	17
2	When do soccer players experience the most demanding passages of match play? A longitudinal study in a professional team. Research in Sports Medicine, 2023, 31, 101-111.	1.3	9
3	Key load indicators and load variability in professional soccer players: a full season study. Research in Sports Medicine, 2023, 31, 201-213.	1.3	10
4	Analysis of key external and internal load variables in professional female futsal players: a longitudinal study. Research in Sports Medicine, 2023, 31, 309-318.	1.3	5
5	Exploring the Use of Player Load in Elite Soccer Players. Sports Health, 2023, 15, 61-66.	2.7	4
6	Effects of cycling on the morphology and spinal posture in professional and recreational cyclists: a systematic review. Sports Biomechanics, 2023, 22, 567-596.	1.6	3
7	Effect of incremental intensities on the spinal morphology and core muscle activation in competitive cyclists. Sports Biomechanics, 2023, 22, 597-620.	1.6	0
8	When and how do professional soccer players experience maximal intensity sprints in LaLiga?. Science and Medicine in Football, 2023, 7, 288-296.	2.0	4
9	Influence of Feet Position and Execution Velocity on Muscle Activation and Kinematic Parameters During the Inclined Leg Press Exercise. Sports Health, 2022, 14, 317-327.	2.7	3
10	Understanding the FIFA quality performance reports for electronic performance and tracking systems: from science to practice. Science and Medicine in Football, 2022, 6, 398-403.	2.0	5
11	What Are the Physical Demands of Sexual Intercourse? A Systematic Review of the Literature. Archives of Sexual Behavior, 2022, 51, 1397-1417.	1.9	10
12	Evaluation of load-velocity relationships in the inclined leg press exercise: A comparison between genders. Science and Sports, 2022, 37, 320.e1-320.e9.	0.5	2
13	Analysis of team success based on match technical and running performance in a professional soccer league. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 82.	1.7	7
14	Decomposing the variability of match physical performance in professional soccer: Implications for monitoring individuals. European Journal of Sport Science, 2021, 21, 1588-1596.	2.7	30
15	The first, second, and third most demanding passages of play in professional soccer: a longitudinal study. Biology of Sport, 2021, 38, 165-174.	3.2	20
16	Differences in worst-case scenarios calculated by fixed length and rolling average methods in professional soccer match-play. Biology of Sport, 2021, 38, 325-331.	3.2	18
17	Design of trajectories and torques by parameter optimization for the bench press exercise on a Smith machine. Mechanism and Machine Theory, 2021, 155, 104089.	4.5	3
18	Effect of playing position, passage duration and starting status on the most demanding passages of match play in professional football. Research in Sports Medicine, 2021, 29, 417-426.	1.3	2

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19	Differential Effects of Perturbation Magnitude on Reactive Balance Control in Young Sedentary Adults. Motor Control, 2021, 25, 437-450.	0.6	3
20	The association of reactive balance control and spinal curvature under lumbar muscle fatigue. PeerJ, 2021, 9, e11969.	2.0	3
21	Effect of Five Bench Inclinations on the Electromyographic Activity of the Pectoralis Major, Anterior Deltoid, and Triceps Brachii during the Bench Press Exercise. International Journal of Environmental Research and Public Health, 2020, 17, 7339.	2.6	17
22	Muscle Activation and Kinematic Analysis during the Inclined Leg Press Exercise in Young Females. International Journal of Environmental Research and Public Health, 2020, 17, 8698.	2.6	3
23	Acceleration and sprint profiles of professional male football players in relation to playing position. PLoS ONE, 2020, 15, e0236959.	2.5	51
24	Kinematic Analysis of the Postural Demands in Professional Soccer Match Play Using Inertial Measurement Units. Sensors, 2020, 20, 5971.	3.8	5
25	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. Sensors, 2020, 20, 5814.	3.8	6
26	Core Muscle Activity during Physical Fitness Exercises: A Systematic Review. International Journal of Environmental Research and Public Health, 2020, 17, 4306.	2.6	46
27	Evaluation of the Lower Limb Musclesâ€™ Electromyographic Activity during the Leg Press Exercise and Its Variants: A Systematic Review. International Journal of Environmental Research and Public Health, 2020, 17, 4626.	2.6	8
28	Electromyographic activity in deadlift exercise and its variants. A systematic review. PLoS ONE, 2020, 15, e0229507.	2.5	28
29	Validity and Reliability of an Inertial Device for Measuring Dynamic Weight-Bearing Ankle Dorsiflexion. Sensors, 2020, 20, 399.	3.8	7
30	Validity and Reliability of a New Inertial Device for Monitoring Range of Motion at the Pelvis during Sexual Intercourse. International Journal of Environmental Research and Public Health, 2020, 17, 2884.	2.6	8
31	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. PLoS ONE, 2020, 15, e0230841.	2.5	29
32	Design and analysis of a constant-force bench press. Mechanism and Machine Theory, 2019, 142, 103612.	4.5	10
33	A longitudinal analysis of morphological characteristics and body proportionality in young elite sprint paddlers. Physician and Sportsmedicine, 2019, 47, 479-486.	2.1	4
34	Evaluation and comparison of electromyographic activity in bench press with feet on the ground and active hip flexion. PLoS ONE, 2019, 14, e0218209.	2.5	16
35	Morphological and Physical Fitness Profile of Young Female Sprint Kayakers. Journal of Strength and Conditioning Research, 2019, 33, 1963-1970.	2.1	12
36	Nerve conduction study of the three supraclavicular nerve branches. Muscle and Nerve, 2018, 58, 300-303.	2.2	4

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37	Reliability and validity of a new accelerometer (WimuÂ®) system for measuring velocity during resistance exercises. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2018, 232, 218-224.	0.7	8
38	Association of Trunk Rotational Velocity with Spine Mobility and Curvatures in Para Table Tennis Players. International Journal of Sports Medicine, 2018, 39, 1055-1062.	1.7	16
39	RELACIÃ“N ENTRE LOS PARÃMETROS ANTROPOMÃ‰TRICOS Y LA ADHESIÃ“N A LA DIETA MEDITERRÃNEA EN JÃ“VENES PIRAGÃœISTAS HOMBRES DE Ã‰LITE. MHSalud, 2018, 15, 1.	0.2	1
40	Effects of Latin style professional dance on the spinal posture and pelvic tilt. Journal of Back and Musculoskeletal Rehabilitation, 2017, 30, 791-800.	1.1	9
41	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. Journal of Back and Musculoskeletal Rehabilitation, 2017, , 1-7.	1.1	8
42	Differences in Anthropometry, Biological Age and Physical Fitness Between Young Elite Kayakers and Canoeists. Journal of Human Kinetics, 2017, 57, 181-190.	1.5	12
43	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. Journal of Back and Musculoskeletal Rehabilitation, 2017, 30, 1319-1325.	1.1	17
44	Validity and Reliability of a New Device (WIMUÂ®) for Measuring Hamstring Muscle Extensibility. International Journal of Sports Medicine, 2017, 38, 691-695.	1.7	13
45	Sprint kayaking and canoeing performance prediction based on the relationship between maturity status, anthropometry and physical fitness in young elite paddlers. Journal of Sports Sciences, 2017, 35, 1083-1090.	2.0	35
46	Comparison of sagittal spinal curvatures and pelvic tilt in highly trained athletes from different sport disciplines. Kinesiology, 2017, 49, 109-116.	0.6	12
47	Load release balance test under unstable conditions effectively discriminates between physically active and sedentary young adults. Human Movement Science, 2016, 48, 142-152.	1.4	13
48	Effects of Acute Fatigue of the Hip Flexor Muscles on Hamstring Muscle Extensibility. Journal of Human Kinetics, 2016, 53, 23-31.	1.5	8
49	The effects of a reformer Pilates program on body composition and morphological characteristics in active women after a detraining period. Women and Health, 2016, 56, 784-806.	1.0	22
50	Road Cycling and Mountain Biking Produces Adaptations on the Spine and Hamstring Extensibility. International Journal of Sports Medicine, 2016, 37, 43-49.	1.7	10
51	The influence of handlebar-hands position on spinal posture in professional cyclists. Journal of Back and Musculoskeletal Rehabilitation, 2015, 28, 167-172.	1.1	14
52	CaracterÃsticas MorfolÃ³gicas y Perfil AntropomÃ©trico en Mujeres que Practican Pilates ClÃ¡sico y Mat ClÃ¡sico. International Journal of Morphology, 2014, 32, 695-702.	0.2	2
53	Concurrent Validity of Clinical Tests for Measuring Hamstring Flexibility in School Age Children. International Journal of Sports Medicine, 2014, 35, 664-669.	1.7	27
54	Criterion-Related Validity of Sit-and-Reach and Toe-Touch Tests as a Measure of Hamstring Extensibility in Athletes. Journal of Strength and Conditioning Research, 2014, 28, 546-555.	2.1	37

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55	The Relationship Between Hamstring Muscle Extensibility and Spinal Postures Varies with the Degree of Knee Extension. Journal of Applied Biomechanics, 2013, 29, 678-686.	0.8	20
56	Exercise Intensity and Validity of the Ratings of Perceived Exertion (Borg and OMNI Scales) in an Indoor Cycling Session. Journal of Human Kinetics, 2013, 39, 93-101.	1.5	38
57	Kinematic Variables Evolution During a 200-m Maximum Test in Young Paddlers. Journal of Human Kinetics, 2013, 38, 15-22.	1.5	8
58	Sagittal spinal morphology in highly trained adolescent tennis players. Journal of Sports Science and Medicine, 2013, 12, 588-93.	1.6	13
59	Effect of stretching program in an industrial workplace on hamstring flexibility and sagittal spinal posture of adult women workers: A randomized controlled trial. Journal of Back and Musculoskeletal Rehabilitation, 2012, 25, 161-169.	1.1	39
60	Acute Effects of Hamstring Stretching on Sagittal Spinal Curvatures and Pelvic Tilt. Journal of Human Kinetics, 2012, 31, 69-78.	1.5	75
61	The influence of different hand paddle size on 100-m front crawl kinematics. Journal of Human Kinetics, 2012, 34, 112-118.	1.5	2
62	Influence of hamstring extensibility on sagittal spinal curvatures and pelvic tilt in highly trained young kayakers. European Journal of Sport Science, 2012, 12, 469-474.	2.7	25
63	Influencia de la Extensibilidad Isquiosural en la MorfologÃa Sagital del Raquis e InclinaciÃ³n PÃ©lvica en Deportistas. International Journal of Morphology, 2012, 30, 176-181.	0.2	12
64	Ãndices AntropomÃ©tricos en CanoÃstas de Elite JÃ³venes de Aguas Tranquilas. International Journal of Morphology, 2012, 30, 583-587.	0.2	1
65	CaracterÃsticas MorfolÃ³gicas y MaduraciÃ³n en Mujeres Kayakistas JÃ³venes de Aguas Tranquilas y Slalom. International Journal of Morphology, 2012, 30, 895-901.	0.2	6
66	Efecto de un Programa de Estiramientos de la Musculatura Isquiosural en Futbolistas. International Journal of Morphology, 2012, 30, 1065-1070.	0.2	1
67	EvoluciÃ³n de la MorfologÃa del Raquis e InclinaciÃ³n PÃ©lvica en Ciclistas de Diferentes Edades: Un Estudio Transversal. International Journal of Morphology, 2012, 30, 199-204.	0.2	8
68	AnÃ¡lisis de la MorfologÃa del Raquis TorÃ¡cico y Lumbar en Mujeres Trabajadoras de una Cooperativa HortofrutÃcola. International Journal of Morphology, 2012, 30, 483-488.	0.2	1
69	Sagittal Spinal and Pelvic Postures of Highly-Trained Young Canoeists. Journal of Human Kinetics, 2011, 29, 41-48.	1.5	42
70	MorfologÃa Sagital del Raquis en Palistas JÃ³venes de Alto Nivel. International Journal of Morphology, 2011, 29, 1047-1053.	0.2	4
71	ValoraciÃ³n del Morfotipo RaquÃdeo en el Plano Sagital en Ciclistas de CategorÃa MÃ¡ster 40. International Journal of Morphology, 2011, 29, 727-732.	0.2	5
72	Perfil AntropomÃ©trico del CanoÃsta Joven de Aguas Tranquilas. International Journal of Morphology, 2011, 29, 835-840.	0.2	6

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73	A comparison of the thoracic spine in the sagittal plane between elite cyclists and non-athlete subjects. Journal of Back and Musculoskeletal Rehabilitation, 2011, 24, 129-135.	1.1	25
74	Influence of Hamstring Muscles Extensibility on Spinal Curvatures and Pelvic Tilt in Highly Trained Cyclists. Journal of Human Kinetics, 2011, 29, 15-23.	1.5	87
75	ComparaciÃ³n de la disposiciÃ³n sagital del raquis lumbar entre ciclistas de Ã©lite y sedentarios. (Comparison of sagittal lumbar curvatures of elite cyclists and non-athletes). Cultura, Ciencia Y Deporte, 2011, 6, 37-43.	0.2	4
76	Spinal posture of thoracic and lumbar spine and pelvic tilt in highly trained cyclists. Journal of Sports Science and Medicine, 2011, 10, 355-61.	1.6	24
77	Heart rate and overall ratings of perceived exertion during SpinningÂ® cycle indoor session in novice adults. Science and Sports, 2010, 25, 238-244.	0.5	18
78	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