

Redha Taiar

List of Publications by Year in descending order

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Version: 2024-02-01

221
papers

46,918
citations

136950

32
h-index

2684

193
g-index

275
all docs

275
docs citations

275
times ranked

60391
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of whole-body vibration exercise in patients with chronic kidney disease: a systematic review. Disability and Rehabilitation, 2023, 45, 415-424.	1.8	1
2	Are oxidative stress biomarkers and respiratory muscles strength associated with COPD-related sarcopenia in older adults?. Experimental Gerontology, 2022, 157, 111630.	2.8	9
3	Impact of resistance training on the 6-minute walk test in individuals with chronic obstructive pulmonary disease: A systematic review and meta-analysis. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101582.	2.3	10
4	Mobility and quality of life among adults with 5q-spinal muscular atrophy: the influence of individual history. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101552.	2.3	1
5	The COVID-19 Infection Diffusion in the US and Japan: A Graph-Theoretical Approach. Biology, 2022, 11, 125.	2.8	6
6	Editorial: The Relationship Between Neural Circuitry and Biomechanical Action. Frontiers in Human Neuroscience, 2022, 16, 838028.	2.0	2
7	Effectiveness of Whole-Body Vibration Combined with Multicomponent Training on the Risk of Falls and Quality of Life in Elderly Women with Osteoporosis: Study Protocol for a Randomized Controlled Clinical Trial. Biology, 2022, 11, 266.	2.8	2
8	The effects of whole-body vibration on cognition: a systematic review. Journal of Human Growth and Development, 2022, 32, 108-119.	0.6	3
9	Determining factors of functioning in hemodialysis patients using the international classification of functioning, disability and health. BMC Nephrology, 2022, 23, 119.	1.8	2
10	Shock Response Spectrum Analysis of Fatigued Runners. Sensors, 2022, 22, 2350.	3.8	0
11	Editorial: Post-Exercise Hypotension: Clinical Applications and Potential Mechanisms. Frontiers in Physiology, 2022, 13, 899497.	2.8	3
12	Do two whole-body vibration amplitudes improve postural balance, gait speed, muscle strength, and functional mobility in sedentary older women? A crossover randomized controlled trial. Journal of Bodywork and Movement Therapies, 2022, , .	1.2	1
13	Efficacy of Acupuncture on Quality of Life, Functional Performance, Dyspnea, and Pulmonary Function in Patients with Chronic Obstructive Pulmonary Disease: Protocol for a Randomized Clinical Trial. Journal of Clinical Medicine, 2022, 11, 3048.	2.4	1
14	Oxidative Stress Biomarkers and Quality of Life Are Contributing Factors of Muscle Pain and Lean Body Mass in Patients with Fibromyalgia. Biology, 2022, 11, 935.	2.8	6
15	Whole-Body Vibration Associated with Strength Training on the Lower-Limb Blood Flow and Mobility in Older Adults with Type 2 Diabetes: A Study Protocol for a Randomized Controlled Trial. Diagnostics, 2022, 12, 1550.	2.6	0
16	Characteristics of COVID-19 Inpatients in Rehabilitation Units during the First Pandemic Wave: A Cohort Study from a Large Hospital in Champagne Region. Biology, 2022, 11, 937.	2.8	6
17	Effect of a wellness room with a physiotherapist in an intimate fashion company on ergonomics: stress level, quality of life and musculoskeletal symptoms. Theoretical Issues in Ergonomics Science, 2021, 22, 125-138.	1.8	0
18	Functional tests associated with sarcopenia in moderate chronic obstructive pulmonary disease. Expert Review of Respiratory Medicine, 2021, 15, 569-576.	2.5	12

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19	Effects of whole-body vibration on muscle strength, quadriceps muscle thickness and functional capacity in kidney transplant recipients: A randomized controlled trial. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 26, 101-107.	1.2	3
20	Reported quality of life in countries with cases of COVID19: a systematic review. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 213-220.	2.5	42
21	The Chaotic Behavior of the Spread of Infection During the COVID-19 Pandemic in the United States and Globally. <i>IEEE Access</i> , 2021, 9, 80692-80702.	4.2	17
22	Biomechanics of Trail Running Performance: Quantification of Spatio-Temporal Parameters by Using Low Cost Sensors in Ecological Conditions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2093.	2.5	6
23	Aerodynamic investigation of the inrun position in Ski jumping. <i>Sports Biomechanics</i> , 2021, , 1-15.	1.6	12
24	Parameter-Dependency of Low-Intensity Vibration for Wound Healing in Diabetic Mice. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 654920.	4.1	9
25	Electroencephalography as a Biomarker for Functional Recovery in Spinal Cord Injury Patients. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 548558.	2.0	6
26	COVID-19 Lockdown and the Behavior Change on Physical Exercise, Pain and Psychological Well-Being: An International Multicentric Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3810.	2.6	33
27	Bone-to-Brain: A Round Trip in the Adaptation to Mechanical Stimuli. <i>Frontiers in Physiology</i> , 2021, 12, 623893.	2.8	40
28	Predicting the Dynamics of the COVID-19 Pandemic in the United States Using Graph Theory-Based Neural Networks. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3834.	2.6	20
29	A Study of the Effects of the COVID-19 Pandemic on the Experience of Back Pain Reported on Twitter® in the United States: A Natural Language Processing Approach. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4543.	2.6	15
30	Users' Perspectives on Haptic Technology Use in Hand Rehabilitation. , 2021, , .		0
31	Can a Single Trial of a Thoracolumbar Myofascial Release Technique Reduce Pain and Disability in Chronic Low Back Pain? A Randomized Balanced Crossover Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2006.	2.4	8
32	Aquatic Training after Joint Immobilization in Rats Promotes Adaptations in Myotendinous Junctions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6983.	4.1	5
33	Whole-Body Vibration Exercise: A Possible Intervention in the Management of Post COVID-19 Complications?. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5733.	2.5	6
34	Therapy Approaches in Neurological Disorders. , 2021, , .		0
35	Connectomics of Bone to Brain—Probing Physical Renderings of Cellular Experience. <i>Frontiers in Physiology</i> , 2021, 12, 647603.	2.8	3
36	Reporting Guidelines for Whole-Body Vibration Studies in Humans, Animals and Cell Cultures: A Consensus Statement from an International Group of Experts. <i>Biology</i> , 2021, 10, 965.	2.8	62

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37	The Consequences of Mechanical Vibration Exposure on the Lower Back of Bus Drivers: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9986.	2.5	5
38	Towards an AI-Based Tailored Training Planning for Road Cyclists: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 313.	2.5	3
39	Acute Neuromuscular Responses to Whole-Body Vibration of Systemic Lupus Erythematosus Individuals: A Randomized Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 138.	2.5	3
40	Effect of Customized Insoles on Gait in Post-Stroke Hemiparetic Individuals: A Randomized Controlled Trial. <i>Biology</i> , 2021, 10, 1187.	2.8	3
41	Evaluation of the Relationships between Simple Anthropometric Measures and Bioelectrical Impedance Assessment Variables with Multivariate Linear Regression Models to Estimate Body Composition and Fat Distribution in Adults: Preliminary Results. <i>Biology</i> , 2021, 10, 1209.	2.8	7
42	Immediate Effects of Whole-Body Vibration Associated with Squatting Exercises on Hemodynamic Parameters in Sarcopenic Older People: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11852.	2.6	3
43	Neural Decoding of EEG Signals with Machine Learning: A Systematic Review. <i>Brain Sciences</i> , 2021, 11, 1525.	2.3	68
44	Efficacy of Whole-Body Vibration Training on Brain-Derived Neurotrophic Factor, Clinical and Functional Outcomes, and Quality of Life in Women with Fibromyalgia Syndrome: A Randomized Controlled Trial. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-9.	1.9	6
45	The Impact of Resistance Training on Gene Expression of IGF1 and Athletes' Physiological Parameters. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2021, 9, 934-940.	0.2	5
46	Acute Whole-Body Vibration Exercise Promotes Favorable Handgrip Neuromuscular Modifications in Rheumatoid Arthritis: A Cross-Over Randomized Clinical. <i>BioMed Research International</i> , 2021, 2021, 1-10.	1.9	4
47	Does whole body vibration training improve heart rate variability in kidney transplants patients? A randomized clinical trial. <i>Journal of Bodywork and Movement Therapies</i> , 2020, 24, 50-56.	1.2	6
48	Whole-Body Vibration Exercises Associated with Pressure Threshold Device for Inspiratory Muscular Training. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 638-643.	0.6	0
49	Acute Responses of the Passive Whole-Body Vibration on Clinical Parameters of the COPD Individuals: Preliminary Outcomes. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 644-649.	0.6	0
50	Whole body vibration showed beneficial effect on pain, balance measures and quality of life in painful diabetic peripheral neuropathy: a randomized controlled trial. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 61-69.	1.9	11
51	Editorial: Interventional Strategies for Enhancing Quality of Life and Health Span in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 253.	3.4	2
52	Brain Network Oscillations During Gait in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568703.	2.0	16
53	Aerobic Exercise with Superimposed Virtual Reality Improves Cognitive Flexibility and Selective Attention in Young Males. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8029.	2.5	6
54	Identification and Prediction of Human Behavior through Mining of Unstructured Textual Data. <i>Symmetry</i> , 2020, 12, 1902.	2.2	8

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55	Ankle Push-Off Based Mathematical Model for Freezing of Gait in Parkinson's Disease. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 552635.	4.1	5
56	Integrated Role of Nonpharmacological Interventions for Rehabilitation of Individuals with Musculoskeletal Disorders. <i>BioMed Research International</i> , 2020, 2020, 1-2.	1.9	0
57	Towards reporting guidelines of research using whole-body vibration as training or treatment regimen in human subjectsâ€”A Delphi consensus study. <i>PLoS ONE</i> , 2020, 15, e0235905.	2.5	43
58	A Proposal of Physical Performance Tests Adapted as Home Workout Options during the COVID-19 Pandemic. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4755.	2.5	20
59	A System Dynamics Simulation Applied to Healthcare: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5741.	2.6	67
60	Acute Effects of Whole-Body Vibration Exercise on Pain Level, Functionality, and Rating of Exertion of Elderly Obese Knee Osteoarthritis Individuals: A Randomized Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5870.	2.5	1
61	Whole-Body Vibration as Antihypertensive Non-Pharmacological Treatment in Hypertensive Individuals with Knee Osteoarthritis: Randomized Cross-Over Trial. <i>Sustainability</i> , 2020, 12, 8944.	3.2	2
62	Modelling the apparent mass of the standing human body under whole-body vibration training conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 697-710.	1.8	4
63	Potential Application of Whole Body Vibration Exercise for Improving the Clinical Conditions of COVID-19 Infected Individuals: A Narrative Review from the World Association of Vibration Exercise Experts (WAVex) Panel. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3650.	2.6	30
64	Effect of Whole-Body Vibration on the Functional Responses of the Patients with Knee Osteoarthritis by the Electromyographic Profile of the Vastus Lateralis Muscles during the Five-Repetition Chair Stand Test: A Randomized Crossover Trial. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4302.	2.5	1
65	Effect of the Combined Intervention with Passive Whole-Body Vibration and Auriculotherapy on the Quality of Life of Individuals with Knee Osteoarthritis Assessed by the WHOQOL-Bref: A Multi-Arm Clinical Trial. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1956.	2.5	4
66	Levels and Changes of Physical Activity in Adolescents during the COVID-19 Pandemic: Contextualizing Urban vs. Rural Living Environment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3997.	2.5	123
67	Is whole body vibration an alternative physical training method for renal transplant recipients?. <i>Physiotherapy Research International</i> , 2020, 25, e1838.	1.5	3
68	Patient-specific simulation of a gallbladder refilling based on MRI and ultrasound in vivo measurements. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
69	Immediate Effect of Whole-Body Vibration on Skin Temperature and Lower-Limb Blood Flow in Older Adults with Type 2 Diabetes: Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 690.	2.5	3
70	Biological Effects of Paullinia cupana (Guarana) in Combination with Whole-Body Vibration Exercise in Wistar Rats. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1104.	2.5	4
71	Can whole body vibration exercises promote improvement on quality of life and on chronic pain level of metabolic syndrome patients? A pseudorandomized crossover study. <i>Journal of Applied Physiology</i> , 2020, 128, 934-940.	2.5	6
72	Assessing safety at work using an adaptive neuro-fuzzy inference system (ANFIS) approach aided by partial least squares structural equation modeling (PLS-SEM). <i>International Journal of Industrial Ergonomics</i> , 2020, 76, 102925.	2.6	27

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73	Editorial “Biomechanical Spectrum of Human Sport Performance” Applied Sciences (Switzerland), 2020, 10, 1898.	2.5	2
74	Whole-Body Vibration Exercise in Different Postures on Handgrip Strength in Healthy Women: A Cross-Over Study. Frontiers in Physiology, 2020, 11, 469499.	2.8	6
75	Neural Correlates of Knee Extension and Flexion Force Control: A Kinetically-Instrumented Neuroimaging Study. Frontiers in Human Neuroscience, 2020, 14, 622637.	2.0	7
76	Whole-Body Vibration for Individuals with Reconstructed Anterior Cruciate Ligament: A Systematic Review. BioMed Research International, 2020, 2020, 1-14.	1.9	11
77	Ergonomic Analysis of Community Health Agents During Homecare Visits. Advances in Intelligent Systems and Computing, 2020, , 538-542.	0.6	0
78	Short-Term Effect of Whole-Body Vibration in Static Posture: A Randomized Controlled Trial. Advances in Intelligent Systems and Computing, 2020, , 632-637.	0.6	0
79	Effects of Whole-Body Vibration Exercises on the Body Fat Distribution of the Metabolic Syndrome Individuals: Preliminary Outcomes. Advances in Intelligent Systems and Computing, 2020, , 658-664.	0.6	0
80	Numerical Evaluation of Sport Mouthguard Application. Advances in Intelligent Systems and Computing, 2020, , 581-585.	0.6	1
81	Preliminary Results on the Assessment of Temperature Distribution on Hands After Typing on Ergonomic and Non-ergonomic Postures. Advances in Intelligent Systems and Computing, 2020, , 586-591.	0.6	3
82	Body chain. , 2020, , .		0
83	Whole-Body Vibration Exercise in Cancer. , 2020, , 381-396.		1
84	The Physics of Vibration. , 2020, , 3-21.		1
85	Forced Swim Alters the Radiolabeling of Blood Constituents from Wistar Rats. Applied Sciences (Switzerland), 2020, 10, 1116.	2.5	0
86	Strategies to facilitate access to physical activity on a basic health unit: A participatory design. European Journal of Public Health, 2020, 30, .	0.3	0
87	Biomechanics of Motion and Behaviour of Trans-Tibial Amputee During Gait. Advances in Intelligent Systems and Computing, 2019, , 377-384.	0.6	0
88	Analysis of the relationship between patients’ fear of falling and prescriber acceptance of community pharmacists’ recommendations. Cogent Medicine, 2019, 6, 1615719.	0.7	5
89	Acute Effects of Whole-Body Vibration Training on Endothelial Function and Cardiovascular Response in Elderly Patients with Cardiovascular Disease. International Heart Journal, 2019, 60, 854-861.	1.0	16
90	Can a new ergonomical ankle-foot orthosis (AFO) device improve patients’ daily life? A preliminary study. Theoretical Issues in Ergonomics Science, 2019, 20, 763-772.	1.8	2

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91	Female nurses: Professional identity in question how female nurses perceive their professional identity through their relationships with physicians. Cogent Medicine, 2019, 6, 1666626.	0.7	6
92	Physiological demands and nutritional considerations for Olympic-style competitive rock climbing. Cogent Medicine, 2019, 6, 1667199.	0.7	17
93	Integrative Neuromuscular Training in Young Athletes, Injury Prevention, and Performance Optimization: A Systematic Review. Applied Sciences (Switzerland), 2019, 9, 3839.	2.5	13
94	Effect of whole-body vibration exercise in the pelvic floor muscles of healthy and unhealthy individuals: a narrative review. Translational Andrology and Urology, 2019, 8, 395-404.	1.4	11
95	Grip Strength: An Indispensable Biomarker For Older Adults. Clinical Interventions in Aging, 2019, Volume 14, 1681-1691.	2.9	407
96	Evaluation of the temperature of posterior lower limbs skin during the whole body vibration measured by infrared thermography: Cross-sectional study analysis using linear mixed effect model. PLoS ONE, 2019, 14, e0212512.	2.5	20
97	Effects of Coriandrum sativum L. in Association with Physical Exercise in Alloxan-Induced Type 1 Diabetes Mellitus in Rats. Applied Sciences (Switzerland), 2019, 9, 5409.	2.5	1
98	Effects of Whole-Body Vibration Exercises on Parameters Related to the Sleep Quality in Metabolic Syndrome Individuals: A Clinical Trial Study. Applied Sciences (Switzerland), 2019, 9, 5183.	2.5	6
99	Enabling collaboration and building trust among health science students attending an interprofessional educational project. Cogent Medicine, 2019, 6, 1669401.	0.7	6
100	Muscle activity in throwing with the dominant and non-dominant arm. Cogent Medicine, 2019, 6, 1678221.	0.7	4
101	Evaluation of Whole-Body Vibration Exercise on Neuromuscular Activation Through Electromyographic Pattern of Vastus Lateralis Muscle and on Range of Motion of Knees in Metabolic Syndrome: A Quasi-Randomized Cross-Over Controlled Trial. Applied Sciences (Switzerland), 2019, 9, 4997.	2.5	4
102	Effects of the Whole-Body Vibration and Auriculotherapy on the Functionality of Knee Osteoarthritis Individuals. Applied Sciences (Switzerland), 2019, 9, 5194.	2.5	3
103	Acute and Cumulative Effects With Whole-Body Vibration Exercises Using 2 Biomechanical Conditions on the Flexibility and Rating of Perceived Exertion in Individuals With Metabolic Syndrome: A Randomized Clinical Trial Pilot Study. Dose-Response, 2019, 17, 155932581988649.	1.6	9
104	Acute Effects of Whole-Body Vibration Alone or in Combination With Maximal Voluntary Contractions on Cardiorespiratory, Musculoskeletal, and Neuromotor Fitness in Obese Male Adolescents. Dose-Response, 2019, 17, 155932581989049.	1.6	6
105	The Evaluation of the Interaction Between Human Buttocks Thighs and Wheelchair Seat Cushion to Prevent Pressure Ulcers Using Finite Element Analysis. Advances in Intelligent Systems and Computing, 2019, , 904-910.	0.6	1
106	Whole-body vibration improves the functional parameters of individuals with metabolic syndrome: an exploratory study. BMC Endocrine Disorders, 2019, 19, 6.	2.2	34
107	Smart Textiles and Their Role in Monitoring the Body's Fitness and Medical Conditions. Advances in Intelligent Systems and Computing, 2019, , 484-490.	0.6	0
108	Aerodynamic investigation of the thermo-dependent flow structure in the wake of a cyclist. Journal of Biomechanics, 2019, 82, 387-391.	2.1	0

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109	Whole body vibration improves maximum voluntary isometric contraction of knee extensors in patients with chronic kidney disease: A randomized controlled trial. <i>Physiotherapy Theory and Practice</i> , 2019, 35, 409-418.	1.3	16
110	Long jump training emphasizing plyometric exercises is more effective than traditional long jump training: A randomized controlled trial. <i>Journal of Human Sport and Exercise</i> , 2019, 14, .	0.4	11
111	How does aerodynamics influence physiological responses in middle-distance running drafting?. <i>Mathematical Modelling of Engineering Problems</i> , 2019, 6, 129-135.	0.5	7
112	A Disaster Management Specific Mobility Model for Flying Ad-Hoc Network. , 2019, , 279-311.		17
113	The Musculoskeletal Contribution in Wheelchair Propulsion Systems: Numerical Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 251-260.	0.6	0
114	EMG Comparison of Sport Manual Wheelchair Propelled by Lever Drive and Push Rims and Possible Consequences for Rehabilitation: A Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 915-920.	0.6	0
115	The Prevention of Pressure Ulcers: Biomechanical Modelization and Simulation of Human Seat Cushion Contributions. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 1157-1170.	0.4	3
116	Acute effects of whole body vibration on heart rate variability in elderly people. <i>Journal of Bodywork and Movement Therapies</i> , 2018, 22, 618-621.	1.2	13
117	Effect of whole body cryotherapy interventions on health-related quality of life in fibromyalgia patients: A randomized controlled trial. <i>Complementary Therapies in Medicine</i> , 2018, 36, 6-8.	2.7	31
118	Aerodynamic study of time-trial helmets in cycling racing using CFD analysis. <i>Journal of Biomechanics</i> , 2018, 67, 1-8.	2.1	35
119	Log Transform Based Optimal Image Enhancement Using Firefly Algorithm for Autonomous Mini Unmanned Aerial Vehicle: An Application of Aerial Photography. <i>International Journal of Image and Graphics</i> , 2018, 18, 1850019.	1.5	42
120	Clinical Approaches of Whole Body Vibration Exercises. <i>Rehabilitation Research and Practice</i> , 2018, 2018, 1-2.	0.6	2
121	Relevance of Whole-Body Vibration Exercises on Muscle Strength/Power and Bone of Elderly Individuals. <i>Dose-Response</i> , 2018, 16, 155932581881306.	1.6	48
122	Skeletal muscle fibrosis is associated with decreased muscle inflammation and weakness in patients with chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1658-F1669.	2.7	38
123	Biological Consequences of Exposure to Mechanical Vibration. <i>Dose-Response</i> , 2018, 16, 155932581879961.	1.6	6
124	Clinical Approaches of Whole-Body Vibration Exercises in Individuals with Stroke: A Narrative Revision. <i>Rehabilitation Research and Practice</i> , 2018, 2018, 1-8.	0.6	9
125	The effects of whole body vibration exercise intervention on electroencephalogram activation and cognitive function in women with senile dementia. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 586-591.	1.0	24
126	Acute Effects of Whole-Body Vibration on the Pain Level, Flexibility, and Cardiovascular Responses in Individuals With Metabolic Syndrome. <i>Dose-Response</i> , 2018, 16, 155932581880213.	1.6	34

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127	Should whole body cryotherapy sessions be differentiated between women and men? A preliminary study on the role of the body thermal resistance. Medical Hypotheses, 2018, 120, 60-64.	1.5	19
128	Combining Magnetic Resonance Imaging (MRI) and Medical Infrared Thermography (MIT) in the pre- and peri-operating management of severe Hidradenitis Suppurativa (HS). Photodiagnosis and Photodynamic Therapy, 2018, 23, 9-11.	2.6	14
129	Effect of whole-body vibration on neuromuscular performance: A literature review. Work, 2018, 59, 571-583.	1.1	75
130	Infrared thermography for assessing skin temperature differences between Partial Body Cryotherapy and Whole Body Cryotherapy devices at $\sim 140^{\circ}\text{C}$. Infrared Physics and Technology, 2018, 93, 158-161.	2.9	14
131	Biomechanics of the immediate impact of wearing a rigid thoracolumbar corset on gait kinematics and spatiotemporal parameters. MATEC Web of Conferences, 2018, 145, 04007.	0.2	0
132	Whole body vibration to attenuate reduction of explosive force in chronic kidney disease patients: a randomized controlled trial. Journal of Exercise Rehabilitation, 2018, 14, 883-890.	1.0	8
133	The Biomechanics and Ergonomics of the Impact of Anti-fatigue Mats on Decreasing Whole Body Vibration. Advances in Intelligent Systems and Computing, 2018, , 60-66.	0.6	0
134	Oscillatory whole-body vibration improves exercise capacity and physical performance in pulmonary arterial hypertension: a randomised clinical study. Heart, 2017, 103, 592-598.	2.9	34
135	Preliminary numerical investigation in open currents-water swimming: Pressure field in the swimmer wake. Applied Mathematics and Computation, 2017, 302, 48-57.	2.2	8
136	Modélisation mathématique de la réponse thermique cutanée en cryothérapie corps entier (CCE): une étude pilote. Kinesithérapie, 2017, 17, 11-17.	0.1	2
137	Numerical investigation of the early flight phase in ski-jumping. Journal of Biomechanics, 2017, 59, 29-34.	2.1	35
138	Effects of hypnosis during pregnancy: A psychophysiological study on maternal stress. Medical Hypotheses, 2017, 102, 123-127.	1.5	9
139	Inspiratory muscle training improves respiratory muscle strength, functional capacity and quality of life in patients with chronic kidney disease: a systematic review. Journal of Physiotherapy, 2017, 63, 76-83.	1.7	44
140	Comparison of FAP scores with the use of safety footwear and regular walking shoes. Theoretical Issues in Ergonomics Science, 2017, 18, 631-642.	1.8	3
141	Medical Infrared Thermography assistance in the surgical treatment of axillary Hidradenitis Suppurativa: A case report. International Journal of Surgery Case Reports, 2017, 34, 56-59.	0.6	28
142	A numerical model of the tension band wiring technique for olecranon fracture reduction. Applied Mathematics and Computation, 2017, 297, 31-38.	2.2	3
143	Infrared thermography applied to the study of the thermal behavior of wheelchair cushion. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, 151-152.	1.6	5
144	Do whole body vibration exercises affect lower limbs neuromuscular activity in populations with a medical condition? A systematic review. Restorative Neurology and Neuroscience, 2017, 35, 667-681.	0.7	15

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145	Analysis of the effect of helmet shape and head position on performance during time-trial cycling. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, S11-S12.	1.6	1
146	Influence of Different Types of Wheelchair Cushions for Pressure Ulcers in View of the Experimental Approach. , 2017, , .		3
147	The Efficacy of Low-intensity Vibration to Improve Bone Health in Patients with End-stage Renal Disease Is Highly Dependent on Compliance and Muscle Response. Academic Radiology, 2017, 24, 1332-1342.	2.5	16
148	Wearing lead aprons in surgical operating rooms: ergonomic injuries evidenced by infrared thermography. Journal of Surgical Research, 2017, 209, 227-233.	1.6	48
149	Feasibility and tolerability of whole-body, low-intensity vibration and its effects on muscle function and bone in patients with dystrophinopathies: a pilot study. Muscle and Nerve, 2017, 55, 875-883.	2.2	16
150	The utility of whole body vibration exercise in haemodialysis patients: a pilot study. CKJ: Clinical Kidney Journal, 2017, 10, 822-829.	2.9	12
151	Contribution of Bamboo for Vibratory Comfort in Biomechanics of Cycling. The Open Mechanical Engineering Journal, 2017, 11, 44-54.	0.3	2
152	Impact of Advance Fabrics on Human Biomechanics: Example of Anti-fatigue Mats. Advances in Intelligent Systems and Computing, 2017, , 301-313.	0.6	1
153	A Disaster Management Specific Mobility Model for Flying Ad-hoc Network. International Journal of Rough Sets and Data Analysis, 2016, 3, 72-103.	1.0	40
154	In Patients with Established RA, Positive Effects of a Randomised Three Month WBV Therapy Intervention on Functional Ability, Bone Mineral Density and Fatigue Are Sustained for up to Six Months. PLoS ONE, 2016, 11, e0153470.	2.5	24
155	“Exercise as medicine” in chronic kidney disease. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 985-988.	2.9	73
156	Vibrating Platform Training Improves Respiratory Muscle Strength, Quality of Life, and Inspiratory Capacity in the Elderly Adults: A Randomized Controlled Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw123.	3.6	9
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