

Electromyography of the thigh muscles during lifting task postures

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Task-specific postures in low-seam underground coal mining. <i>International Journal of Industrial Ergonomics</i> , 2012, 42, 241-248.	2.4	17
2	Age-Related Differences in Maintenance of Balance During Forward Reach to the Floor. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 960-967.	3.5	10
4	Age-related differences in movement strategies and postural control during stooping and crouching tasks. <i>Human Movement Science</i> , 2015, 44, 246-257.	1.6	5
5	Muscular activity of lower limb muscles associated with working on inclined surfaces. <i>Ergonomics</i> , 2015, 58, 278-290.	2.2	13
6	Influence of Manual Labor at Work on Muscular Fitness and Its Relationship With Work Performance. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 1034-1039.	1.3	3
7	Effects of volitional spine stabilization on lifting task in recurrent low back pain population. <i>European Spine Journal</i> , 2016, 25, 2833-2841.	2.1	15
8	Ergonomic comparison between a "right angle" handle style and standard style paint brush: An electromyographic analysis. <i>International Journal of Industrial Ergonomics</i> , 2016, 56, 130-137.	2.4	10
9	Peak activation of lower limb musculature during high flexion kneeling and transitional movements. <i>Ergonomics</i> , 2016, 59, 1215-1223.	2.2	11
10	Stooping, crouching, and standing " Characterizing balance control strategies across postures. <i>Journal of Biomechanics</i> , 2017, 53, 90-96.	2.2	7
11	Lower Limb Muscular Activation During Transitions to Symmetric High Knee Flexion Postures in Young Females. <i>IJSE Transactions on Occupational Ergonomics and Human Factors</i> , 2017, 5, 82-91.	2.3	1
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15	A lower limb exoskeleton based on recognition of lower limb walking intention. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2019, 43, 102-111.	1.4	6
16	Effects of Knee Savers on the quadriceps muscle activation across deep knee bending postures. <i>Applied Ergonomics</i> , 2019, 80, 193-199.	3.2	3
17	Effects of Volitional Spine Stabilization on Trunk Control During Asymmetric Lifting Task in Patients With Recurrent Low Back Pain. <i>Global Spine Journal</i> , 2020, 10, 1006-1014.	2.9	5
18	Gendered division of labor in a Celtic community? A comparison of sex differences in enthesal changes and long bone shape and robusticity in the "Roman" population of Verona (Italy), <i>Tj ETQq000 rgBT /4</i>		12
19	Sitting, squatting, and the evolutionary biology of human inactivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7115-7121.	7.5	79

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20	Spinal loading and lift style in confined vertical space. <i>Applied Ergonomics</i> , 2020, 84, 103021.	3.2	10
21	Statistical Analysis of the Effectiveness of Wearable Robot. <i>Electronics (Switzerland)</i> , 2021, 10, 1006.	2.2	1
22	Ergonomic Bench to Decrease Postural Risk Level on the Task of Changing Forklift's Brake Pads. , 2022, , 600-619.		0
23	Smartphone-based human fatigue level detection using machine learning approaches. <i>Ergonomics</i> , 2021, 64, 600-612.	2.2	36
24	Effects of working posture and roof slope on activation of lower limb muscles during shingle installation. <i>Ergonomics</i> , 2020, 63, 1182-1193.	2.2	17
26	Ergonomic Bench to Decrease Postural Risk Level on the Task of Changing Forklift's Brake Pads. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2018, , 28-47.	0.0	1
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28	Estimation of Tibiofemoral and Patellofemoral Joint Forces during Squatting and Kneeling. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 255.	2.1	3
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32	The effect of squats on muscle activity in standing, kneeling, and half-kneeling positions: A cross-sectional study. <i>Medicine (United States)</i> , 2024, 103, e39902.	1.2	1
33	A Biomechanical Analysis of Weighted Lifting With an Active Knee Exoskeleton. <i>IEEE Access</i> , 2025, 13, 134634-134647.	3.0	0
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