

Fadi A Fathallah

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,984
citations

687363

13
h-index

610901

24
g-index

32
all docs

32
docs citations

32
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Dynamic Three-Dimensional Trunk Motion in Occupationally-Related Low Back Disorders. <i>Spine</i> , 1993, 18, 617-628.	2.0	681
2	Biomechanical risk factors for occupationally related low back disorders. <i>Ergonomics</i> , 1995, 38, 377-410.	2.1	519
3	Musculoskeletal disorders in labor-intensive agriculture. <i>Applied Ergonomics</i> , 2010, 41, 738-743.	3.1	221
4	Effect of a personal weight transfer device on muscle activities and joint flexions in the stooped posture. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 195-205.	1.7	91
5	An Assessment of Complex Spinal Loads During Dynamic Lifting Tasks. <i>Spine</i> , 1998, 23, 706-716.	2.0	81
6	The Role of Complex, Simultaneous Trunk Motions in the Risk of Occupation-Related Low Back Disorders. <i>Spine</i> , 1998, 23, 1035-1042.	2.0	74
7	Challenges in assessing risk factors in epidemiologic studies on back disorders. , 1997, 32, 142-152.		62
8	Subject-specific, whole-body models of the stooped posture with a personal weight transfer device. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 206-215.	1.7	58
9	Timing of Activation of the Erector Spinae and Hamstrings During a Trunk Flexion and Extension Task. <i>Spine</i> , 2001, 26, 418-425.	2.0	35
10	Influence of measurement accuracy on the application of the 1991 NIOSH equation. <i>Applied Ergonomics</i> , 2001, 32, 91-99.	3.1	26
11	Application issues and theoretical concerns regarding the 1991 NIOSH equation asymmetry multiplier. <i>International Journal of Industrial Ergonomics</i> , 1999, 23, 181-191.	2.6	25
12	Regression Models for Predicting Peak and Continuous Three-Dimensional Spinal Loads during Symmetric and Asymmetric Lifting Tasks. <i>Human Factors</i> , 1999, 41, 373-388.	3.5	21
13	Diurnal Variation in Trunk Kinematics During a Typical Work Shift. <i>Journal of Spinal Disorders</i> , 1995, 8, 20-25.	1.1	15
14	Hourly trends in workers' compensation claims. <i>Ergonomics</i> , 1999, 42, 196-207.	2.1	14
15	Ergonomic Evaluation of Manual Weeding Practice and Development of an Ergonomic Solution. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2006, 50, 1421-1425.	0.3	13
16	Effectiveness of a manual furniture handling device in reducing low back disorders risk factors. <i>International Journal of Industrial Ergonomics</i> , 2007, 37, 93-102.	2.6	11
17	Development and Evaluation of Ergonomic Interventions for Bucket Handling on Farms. <i>Human Factors</i> , 2016, 58, 758-776.	3.5	11
18	The effect of complex dynamic lifting and lowering characteristics on trunk muscles recruitment. <i>Journal of Occupational Rehabilitation</i> , 1997, 7, 121-138.	2.2	8

#	ARTICLE	IF	CITATIONS
19	In Vitro Measurements of Porcine Anterior Column Units Under Free Swelling. Journal of Biomechanical Engineering, 2003, 125, 875-880.	1.3	6
20	Industrial Quantification of Occupationally-Related Low Back Disorder Risk Factors. Proceedings of the Human Factors Society Annual Meeting, 1992, 36, 757-760.	0.1	2
21	The Relationship between Occupational Musculoskeletal Discomfort and Workplace, Personal, and Trunk Kinematic Factors. Proceedings of the Human Factors and Ergonomics Society, 1998, 42, 896-900.	0.3	2
22	Validation of a Low-Back Disorder Risk Model in a Prospective Study of Ergonomic Interventions into Manual Materials Handling Jobs. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 5-5-5-8.	0.3	2
23	Ergonomic Evaluation of California Winegrape Trellis Systems. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1162-1166.	0.3	2
24	Three-Dimensional Spinal Loading during Complex Lifting Tasks. Proceedings of the Human Factors and Ergonomics Society, 1996, 40, 661-665.	0.3	1
25	Accuracy of a Portable Inclinometer for Recording Frequency of Trunk Sagittal Flexion. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1049-1053.	0.3	1
26	The Effects of a Manual Furniture Handling Device on Muscle Activity and Kinematics of the Lower Back. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1174-1178.	0.3	1
27	Body-fixed Orientation Sensors for Trunk Motion Sensing. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 933-937.	0.3	1
28	Combined Spinal Motion and Loading in Occupational Low Back Disorders. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 624-626.	0.3	0
29	Gender Differences in the Risk of Occupational Low Back Disorders. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1054-1058.	0.3	0
30	A Review of Working in Stooped Postures in California Agricultural Production. , 2004, , .		0
31	Non-Invasive Evaluation of the Effect of Stooped Posture on Spinal Intervertebral Discs Using MRI. Proceedings of the Human Factors and Ergonomics Society, 2006, 50, 1274-1278.	0.3	0