Fadi A Fathallah

List of Publications by Year
in descending order

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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	Development and Evaluation of Ergonomic Interventions for Bucket Handling on Farms. Human Factors, 2016, 58, 758-776.	3.5	11
2	Effect of a personal weight transfer device on muscle activities and joint flexions in the stooped posture. Journal of Electromyography and Kinesiology, 2013, 23, 195-205.	1.7	91
3	Subject-specific, whole-body models of the stooped posture with a personal weight transfer device. Journal of Electromyography and Kinesiology, 2013, 23, 206-215.	1.7	58
4	Musculoskeletal disorders in labor-intensive agriculture. Applied Ergonomics, 2010, 41, 738-743.	3.1	221
5	Body-fixed Orientation Sensors for Trunk Motion Sensing. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 933-937.	0.3	1
6	Effectiveness of a manual furniture handling device in reducing low back disorders risk factors. International Journal of Industrial Ergonomics, 2007, 37, 93-102.	2.6	11
7	Ergonomic Evaluation of Manual Weeding Practice and Development of an Ergonomic Solution. Proceedings of the Human Factors and Ergonomics Society, 2006, 50, 1421-1425.	0.3	13
8	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
9	A Review of Working in Stooped Postures in California Agricultural Production. , 2004, , .		0
10	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
11	In Vitro Measurements of Porcine Anterior Column Units Under Free Swelling. Journal of Biomechanical Engineering, 2003, 125, 875-880.	1.3	6
12	Ergonomic Evaluation of California Winegrape Trellis Systems. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1162-1166.	0.3	2
13	Timing of Activation of the Erector Spinae and Hamstrings During a Trunk Flexion and Extension Task. Spine, 2001, 26, 418-425.	2.0	35
14	Influence of measurement accuracy on the application of the 1991 NIOSH equation. Applied Ergonomics, 2001, 32, 91-99.	3.1	26
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	Application issues and theoretical concerns regarding the 1991 NIOSH equation asymmetry multiplier. International Journal of Industrial Ergonomics, 1999, 23, 181-191.	2.6	25
20	Regression Models for Predicting Peak and Continuous Three-Dimensional Spinal Loads during Symmetric and Asymmetric Lifting Tasks. Human Factors, 1999, 41, 373-388.	3.5	21
21	Hourly trends in workers' compensation claims. Ergonomics, 1999, 42, 196-207.	2.1	14
22	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
23	An Assessment of Complex Spinal Loads During Dynamic Lifting Tasks. Spine, 1998, 23, 706-716.	2.0	81
24	The Role of Complex, Simultaneous Trunk Motions in the Risk of Occupation-Related Low Back Disorders. Spine, 1998, 23, 1035-1042.	2.0	74
25	The effect of complex dynamic lifting and lowering characteristics on trunk muscles recruitment. Journal of Occupational Rehabilitation, 1997, 7, 121-138.	2.2	8
26	Challenges in assessing risk factors in epidemiologic studies on back disorders. , 1997, 32, 142-152.		62
27	Three-Dimensional Spinal Loading during Complex Lifting Tasks. Proceedings of the Human Factors and Ergonomics Society, 1996, 40, 661-665.	0.3	1
28	Diurnal Variation in Trunk Kinematics During a Typical Work Shift. Journal of Spinal Disorders, 1995, 8, 20???25.	1.1	15
29	Biomechanical risk factors for occupationally related low back disorders. Ergonomics, 1995, 38, 377-410.	2.1	519
30	The Role of Dynamic Three-Dimensional Trunk Motion in Occupationally-Related Low Back Disorders. Spine, 1993, 18, 617-628.	2.0	681
31	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