

Alba Roda-Sales

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

152
citations

1163117

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1199594

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19
docs citations

19
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Problems Using Data Gloves with Strain Gauges to Measure Distal Interphalangeal Jointsâ€™ Kinematics. Sensors, 2022, 22, 3757.	3.8	5
2	EXPERIENCING FLIPPED CLASSROOM METHODOLOGY IN GRAPHIC ENGINEERING TEACHING. , 2021, , .		1
3	Effect on manual skills of wearing instrumented gloves during manipulation. Journal of Biomechanics, 2020, 98, 109512.	2.1	17
4	Hand Kinematics Characterization While Performing Activities of Daily Living Through Kinematics Reduction. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1556-1565.	4.9	17
5	Biomechanical function requirements of the wrist. Circumduction versus flexion/abduction range of motion. Journal of Biomechanics, 2020, 110, 109975.	2.1	1
6	Sharing of hand kinematic synergies across subjects in daily living activities. Scientific Reports, 2020, 10, 6116.	3.3	13
7	Introducing Parametric CAD in a First Year Course in Engineering Degree: A Case Study. Lecture Notes in Mechanical Engineering, 2020, , 411-419.	0.4	0
8	IMPORTANCE OF CLASSWORK ACTIVITIES IN GRAPHIC EXPRESSION SUBJECT: A CASE STUDY IN ENGINEERING DEGREES. , 2020, , .		0
9	Human hand kinematic data during feeding and cooking tasks. Scientific Data, 2019, 6, 167.	5.3	18
10	A calibrated database of kinematics and EMG of the forearm and hand during activities of daily living. Scientific Data, 2019, 6, 270.	5.3	35
11	Effect of assistive devices on hand and arm posture during activities of daily living. Applied Ergonomics, 2019, 76, 64-72.	3.1	6
12	Variability of the Dynamic Stiffness of Foot Joints: Effect of Gait Speed. Journal of the American Podiatric Medical Association, 2019, 109, 291-298.	0.3	1
13	Effect on hand kinematics when using assistive devices during activities of daily living. PeerJ, 2019, 7, e7806.	2.0	4
14	Effect of static foot posture on the dynamic stiffness of foot joints during walking. Gait and Posture, 2018, 62, 241-246.	1.4	9
15	Identification of forearm skin zones with similar muscle activation patterns during activities of daily living. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 91.	4.6	11
16	3D characterisation of the dynamics of foot joints of adults during walking. Gait pattern identification. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, 1015-1030.	1.6	1
17	Dynamic Flexion Stiffness of Foot Joints During Walking. Journal of the American Podiatric Medical Association, 2016, 106, 37-46.	0.3	13