

Alba Roda-Sales

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4618964/publications.pdf>

Version: 2024-02-01

17
papers

152
citations

1163117

8
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Human hand kinematic data during feeding and cooking tasks. Scientific Data, 2019, 6, 167.	5.3	18
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	Dynamic Flexion Stiffness of Foot Joints During Walking. Journal of the American Podiatric Medical Association, 2016, 106, 37-46.	0.3	13
6	Sharing of hand kinematic synergies across subjects in daily living activities. Scientific Reports, 2020, 10, 6116.	3.3	13
7	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
8	Effect of static foot posture on the dynamic stiffness of foot joints during walking. Gait and Posture, 2018, 62, 241-246.	1.4	9
9	Effect of assistive devices on hand and arm posture during activities of daily living. Applied Ergonomics, 2019, 76, 64-72.	3.1	6
10	Problems Using Data Gloves with Strain Gauges to Measure Distal Interphalangeal Joints Kinematics. Sensors, 2022, 22, 3757.	3.8	5
11	Effect on hand kinematics when using assistive devices during activities of daily living. PeerJ, 2019, 7, e7806.	2.0	4
12	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
13	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
14	Biomechanical function requirements of the wrist. Circumduction versus flexion/abduction range of motion. Journal of Biomechanics, 2020, 110, 109975.	2.1	1
15	EXPERIENCING FLIPPED CLASSROOM METHODOLOGY IN GRAPHIC ENGINEERING TEACHING. , 2021, , .		1
16	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
17	IMPORTANCE OF CLASSWORK ACTIVITIES IN GRAPHIC EXPRESSION SUBJECT: A CASE STUDY IN ENGINEERING DEGREES. , 2020, , .		0