

Georg Stillfried

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11837173/publications.pdf>

Version: 2024-02-01

8
papers

163
citations

1937685
4
h-index

1872680
6
g-index

8
all docs

8
docs citations

8
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Human hand modelling: kinematics, dynamics, applications. <i>Biological Cybernetics</i> , 2012, 106, 741-755.	1.3	72
2	A data-driven kinematic model of the human hand with soft-tissue artifact compensation mechanism for grasp synergy analysis. , 2013, , .		35
3	Key Insights into Hand Biomechanics: Human Grip Stiffness Can Be Decoupled from Force by Cocontraction and Predicted from Electromyography. <i>Frontiers in Neurorobotics</i> , 2017, 11, 17.	2.8	21
4	MRI-Based Skeletal Hand Movement Model. <i>Springer Tracts in Advanced Robotics</i> , 2014, , 49-75.	0.4	19
5	Human-Robotic Variable-Stiffness Grasps of Small-Fruit Containers Are Successful Even Under Severely Impaired Sensory Feedback. <i>Frontiers in Neurorobotics</i> , 2018, 12, 70.	2.8	9
6	Multi-body simulation of a human thumb joint by sliding surfaces. , 2012, , .		4
7	Elastic Elements in a Wrist Prosthesis for Drumming Reduce Muscular Effort, but Increase Imprecision and Perceived Stress. <i>Frontiers in Neurorobotics</i> , 2018, 12, 9.	2.8	2
8	Exodex Adamâ€™A Reconfigurable Dexterous Haptic User Interface for the Whole Hand. <i>Frontiers in Robotics and AI</i> , 2021, 8, 716598.	3.2	1