

Soheil Arastehfar

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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13
docs citations

13
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67
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of root chord movement on thrust generation of oscillatory pectoral fins. Bioinspiration and Biomimetics, 2021, 16, 036009.	2.9	5
2	How Can Biomechanical Multibody Models of Scoliosis Be Accurate in Simulating Spine Movement Behavior While Neglecting the Changes of Spinal Length?. Journal of Biomechanical Engineering, 2021, 143, .	1.3	0
3	A Relationship Between Sweep Angle of Flapping Pectoral Fins and Thrust Generation. Journal of Mechanisms and Robotics, 2019, 11, .	2.2	16
4	A patient-specific multibody kinematic model for representation of the scoliotic spine movement in frontal plane of the human body. Multibody System Dynamics, 2017, 39, 197-220.	2.7	11
5	A new method to approximate loadâ€“displacement relationships of spinal motion segments for patient-specific multi-body models of scoliotic spine. Medical and Biological Engineering and Computing, 2017, 55, 1039-1050.	2.8	7
6	Finding line of action of the force exerted on erect spine based on lateral bending test in personalization of scoliotic spine models. Medical and Biological Engineering and Computing, 2017, 55, 673-684.	2.8	5
7	Effects of pectoral fins' spanwise flexibility on forward thrust generation. , 2017, , .		3
8	An Evaluation Methodology for Design Concept Communication Using Digital Prototypes. Journal of Mechanical Design, Transactions of the ASME, 2016, 138, .	2.9	4
9	A framework for concept validation in product design using digital prototyping. Journal of Industrial and Production Engineering, 2014, 31, 286-302.	3.1	4
10	A New Discrete Event System Model for Supervising and Controlling Robotic Arm Path Tacking Tasks Based on Adaptive Masking. , 2012, , .		0
11	Synthesis a Petri net based control model for a FMS cell. Computers in Industry, 2011, 62, 501-508.	9.9	16
12	Eliminating redundancy and singularity in robot path planning based on masking. Expert Systems With Applications, 2010, 37, 6213-6217.	7.6	4
13	Two links robot controlling based on time Petri net. , 2008, , .		1