

Chun-lin Zhou

List of Publications by Year in descending order

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29
papers

553
citations

1478280

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1281743

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29
all docs

29
docs citations

29
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Locomotion Control of a Biomimetic Underwater Vehicle With Fin Propulsion. IEEE/ASME Transactions on Mechatronics, 2012, 17, 25-35.	3.7	231
2	Better Endurance and Load Capacity: An Improved Design of Manta Ray Robot (RoMan-II). Journal of Bionic Engineering, 2010, 7, S137-S144.	2.7	76
3	Gait Planning for Steady Swimming Control of Biomimetic Fish Robots. Advanced Robotics, 2009, 23, 805-829.	1.1	35
4	On-line Optimization of Biomimetic Undulatory Swimming by an Experiment-based Approach. Journal of Bionic Engineering, 2014, 11, 213-225.	2.7	26
5	Modular design and initial gait study of an amphibian robotic turtle. , 2007, , .		25
6	Performance study of a fish robot propelled by a flexible caudal fin. , 2010, , .		25
7	Improvement and testing of a robotic manta ray (RoMan-III). , 2011, , .		20
8	Dynamic modeling of a wave glider. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1295-1304.	1.5	17
9	Comparative Study of Deep Learning Based Features in SLAM. , 2019, , .		15
10	Biomimetic Design and Workspace Study of Compact and Modular Undulating Fin Body Segments. , 2007, , .		12
11	Kinematic modeling framework for biomimetic undulatory fin motion based on coupled nonlinear oscillators. , 2010, , .		9
12	An analytical approach for better swimming efficiency of slender fish robots based on Lighthill's model. , 2009, , .		7
13	Robust gait control for steady swimming of a carangiform fish robot. , 2009, , .		7
14	A Multi-module Controller for Walking Quadruped Robots. Journal of Bionic Engineering, 2019, 16, 253-263.	2.7	7
15	Untethered quadrupedal hopping and bounding on a trampoline. Frontiers of Mechanical Engineering, 2020, 15, 181-192.	2.5	6
16	Locomotion planning of biomimetic robotic fish with multi-joint actuation. , 2009, , .		5
17	Performance predict model for a body and caudal fin (BCF) biomimetics fish robot. , 2009, , .		5
18	An online gait generator for quadruped walking using motor primitives. International Journal of Advanced Robotic Systems, 2016, 13, 172988141665796.	1.3	5

#	ARTICLE	IF	CITATIONS
19	An improved semi-empirical model for a body and/or caudal fin (BCF) fish robot. , 2010, , .		4
20	Rolling gaits of a strut-actuated six-strut spherical tensegrity. International Journal of Advanced Robotic Systems, 2020, 17, 172988142096090.	1.3	3
21	Robustness evaluation for rolling gaits of a six-strut tensegrity robot. International Journal of Advanced Robotic Systems, 2021, 18, 172988142199363.	1.3	3
22	Study and implementation of station-holding performance on a fish robot in adverse unsteady flow. , 2010, , .		2
23	Optimization of swimming locomotion for fish robots with multi-actuation. , 2011, , .		2
24	Robust Orthogonal-View 2-D/3-D Rigid Registration for Minimally Invasive Surgery. Micromachines, 2021, 12, 844.	1.4	2
25	Reinforcement Learning of Serpentine Locomotion for a Snake Robot. , 2021, , .		2
26	A fast registration from 3D CT images to 2D X-ray images. , 2018, , .		1
27	A Compliance Control Strategy for Adapting to Body Movements during a Percutaneous Surgery. , 2019, , .		1
28	Development of a hydraulic buoyance adjustment module for underwater robots. , 2016, , .		0
29	CONTROL OF QUADRUPED WALKING ROBOTS USING MOTOR PRIMITIVES. , 2015, , .		0