

Marta Zoppello

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/794137/publications.pdf>

Version: 2024-02-01

12
papers

172
citations

1684188

5
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-propulsion of slender micro-swimmers by curvature control: N-link swimmers. International Journal of Non-Linear Mechanics, 2013, 56, 132-141.	2.6	66
2	Can Magnetic Multilayers Propel Artificial Microswimmers Mimicking Sperm Cells?. Soft Robotics, 2015, 2, 117-128.	8.0	34
3	Optimal design of Purcell's three-link swimmer. Physical Review E, 2015, 91, 023012.	2.1	20
4	Controllability and optimal strokes for N-link microswimmer. , 2013, , .		18
5	Game Theoretic Decentralized Feedback Controls in Markov Jump Processes. Journal of Optimization Theory and Applications, 2017, 173, 704-726.	1.5	7
6	Swimming by switching. Meccanica, 2017, 52, 3499-3511.	2.0	7
7	Optimal Motion of a Scallop: Some Case Studies. , 2019, 3, 841-846.		5
8	A Differential Game with Exit Costs. Dynamic Games and Applications, 2020, 10, 297-327.	1.9	4
9	On the Trajectory Generation of the Hydrodynamic Chaplygin Sleigh. , 2020, 4, 922-927.		4
10	The N -Link Swimmer in Three Dimensions: Controllability and Optimality Results. Acta Applicandae Mathematicae, 2022, 178, 6.	1.0	3
11	Swim-like motion of bodies immersed in an ideal fluid. ESAIM - Control, Optimisation and Calculus of Variations, 2019, 25, 16.	1.3	2
12	Hysteresis and controllability of affine driftless systems: some case studies. Mathematical Modelling of Natural Phenomena, 2020, 15, 55.	2.4	2