Juan Antonio Rojas-Quintero

List of Publications by Year
in descending order

14 papers	58 citations	1683934 5 h-index	1719901 7 g-index
14 all docs	14 docs citations	14 times ranked	35 citing authors

#	Article	IF	Citations
1	Optimal controller applied to robotic systems using covariant control equations. International Journal of Control, 2022, 95, 1576-1589.	1.2	5
2	2018 August 15 stellar occultation by minor planet (134340) Pluto. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5550-5559.	1.6	1
3	Riemannian Formulation of Pontryaginâ€™s Maximum Principle for the Optimal Control of Robotic Manipulators. Mathematics, 2022, 10, 1117.	1.1	1
4	Optimal Control of Robotic Systems Using Finite Elements for Time Integration of Covariant Control Equations. IEEE Access, 2021, 9, 104980-105001.	2.6	5
5	A literature review of sensor heads for humanoid robots. Robotics and Autonomous Systems, 2021, 143, 103834.	3.0	15
6	Comparing cost functions for the optimal control of robotic manipulators using Pontryaginâ€™s Maximum Principle. , 2021, , .		1
7	Designing a bio-inspired foveated active vision system. , 2021, , .		3
8	Preliminary design and experimental tests of a real-time stereoscopic foveated vision system. , 2021, , .		0
9	Evaluation of invariant cost functions for the optimal control of robotic manipulators. , 2021, , .		1
10	A computational strategy for the modeling of elasto-plastic materials under impact loadings. Finite Elements in Analysis and Design, 2018, 142, 42-50.	1.7	7
11	Uzawa algorithm to solve elastic and elasticâ€“plastic fretting wear problems within the bipotential framework. Computational Mechanics, 2018, 62, 1327-1341.	2.2	10
12	Application of the Bipotential Theory to a Nonassociated Druckerâ€“Prager Model. Advances in Civil Engineering, 2018, 2018, 1-11.	0.4	0
13	Pontryagin Calculus in Riemannian Geometry. Lecture Notes in Computer Science, 2015, , 541-549.	1.0	6
14	Using a motion capture system to identify pertinent design parameters of a bio-inspired mechanical hand. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 179-181.	0.9	3