

Carlos J PÃ©rez-Del-Pulgar

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,431
citations

759055

12
h-index

642610

23
g-index

33
all docs

33
docs citations

33
times ranked

7916
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Testing, and Evolution of Mars Rover Testbeds: European Space Agency Planetary Exploration. IEEE Robotics and Automation Magazine, 2022, 29, 10-23.	2.2	5
2	A Review on Deep Learning in Minimally Invasive Surgery. IEEE Access, 2021, 9, 48658-48678.	2.6	19
3	Path Planning for Autonomous Mobile Robots: A Review. Sensors, 2021, 21, 7898.	2.1	108
4	Very-high-frequency oscillations in the main peak of a magnetar giant flare. Nature, 2021, 600, 621-624.	13.7	20
5	Efficient autonomous navigation for planetary rovers with limited resources. Journal of Field Robotics, 2020, 37, 1153-1170.	3.2	14
6	SLAM for autonomous planetary rovers with global localization. Journal of Field Robotics, 2020, 37, 830-847.	3.2	23
7	Using Gaussian Mixture Models for Gesture Recognition During Haptically Guided Telemanipulation. Electronics (Switzerland), 2019, 8, 772.	1.8	10
8	Choosing the Best Locomotion Mode in Reconfigurable Rovers. Electronics (Switzerland), 2019, 8, 818.	1.8	2
9	Dynamic path planning for reconfigurable rovers using a multi-layered grid. Engineering Applications of Artificial Intelligence, 2019, 86, 32-42.	4.3	20
10	Transferring Know-How for an Autonomous Camera Robotic Assistant. Electronics (Switzerland), 2019, 8, 224.	1.8	16
11	Observation scheduling and simulation in a global telescope network. Future Generation Computer Systems, 2019, 95, 116-125.	4.9	3
12	A Gesture Recognition Algorithm for Hand-Assisted Laparoscopic Surgery. Sensors, 2019, 19, 5182.	2.1	8
13	GLSCH: OBSERVATION SCHEDULER FOR THE GLORIA TELESCOPE NETWORK. Revista Mexicana De AstronomÃa Y AstrofÃsica Serie De Conferencias, 2019, 51, 111-115.	0.2	0
14	Navigation Method for Teleoperated Single-Port Access Surgery With Soft Tissue Interaction Detection. IEEE Systems Journal, 2018, 12, 1381-1392.	2.9	4
15	Smart Cable-Driven Camera Robotic Assistant. IEEE Transactions on Human-Machine Systems, 2018, 48, 183-196.	2.5	17
16	GLSch: PlanificaciÃ³n de Observaciones en la red de Telescopios GLORIA. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2018, 15, 339.	0.6	1
17	Sistema de visiÃ³n global en laparoscopia. Actas UrolÃ³gicas EspaÃ±olas, 2017, 41, 274-278.	0.3	2
18	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805

#	ARTICLE	IF	CITATIONS
19	Path planning for reconfigurable rovers in planetary exploration. , 2017, , .		4
20	Using learning from demonstration to generate real-time guidance for haptic shared control. , 2016, , .		16
21	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	3.0	210
22	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	3.0	44
23	Development of a Scheduler for Heterogeneous Telescope Networks with Different Decision Algorithms. Advances in Intelligent Systems and Computing, 2016, , 375-378.	0.5	0
24	A fuzzy logic based decision algorithm for a heterogeneous telescope network. , 2015, , .		2
25	GISch. , 2015, , .		2
26	Control scheme with tissue interaction detection for a single port access surgery robotic platform. , 2014, , .		1
27	Parallel force-position control scheme with fuzzy gain tuning for single port laparoscopic surgery. , 2013, , .		6
28	GRBS Followed-up by the bootes network. EAS Publications Series, 2013, 61, 251-254.	0.3	0
29	GLORIA: The First Free Access e-Infrastructure of Robotic Telescopes for Citizen Science. Advances in Intelligent Systems and Computing, 2013, , 293-304.	0.5	5
30	PANCHROMATIC OBSERVATIONS OF THE TEXTBOOK GRB 110205A: CONSTRAINING PHYSICAL MECHANISMS OF PROMPT EMISSION AND AFTERGLOW. Astrophysical Journal, 2012, 751, 90.	1.6	41
31	On laparoscopic robot design and validation. Integrated Computer-Aided Engineering, 2003, 10, 211-229.	2.5	15
32	DEVELOPMENT OF A TELEROBOTIC CAMERA MANIPULATOR FOR LAPAROSCOPIC SURGERY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 455-460.	0.4	3
33	Control movement scheme based on manipulability concept for a surgical robotic assistant. , 0, , .		5