

Claudio Rossi

List of Publications by Year in descending order

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64
papers

1,099
citations

687363

13
h-index

454955

30
g-index

67
all docs

67
docs citations

67
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	A Contrastive Distillation Approach for Incremental Semantic Segmentation in Aerial Images. Lecture Notes in Computer Science, 2022, , 742-754.	1.3	4
2	Online search engines and online travel agencies: A Comparative Approach. Journal of Hospitality and Tourism Research, 2021, 45, 720-749.	2.9	12
3	Multilingual Text Classification from Twitter during Emergencies. , 2021, , .		4
4	Functional Self-Awareness and Metacontrol for Underwater Robot Autonomy. Sensors, 2021, 21, 1210.	3.8	12
5	An analytical model for comparing the profitability of competing online marketing channels: Search engine marketing versus e-commerce marketplace. Journal of Marketing Theory and Practice, 2021, 29, 534-549.	4.3	6
6	Nonlinear Control Strategies for an Autonomous Wing-In-Ground-Effect Vehicle. Sensors, 2021, 21, 4193.	3.8	6
7	A Comparative Analysis for Air Quality Estimation from Traffic and Meteorological Data. Applied Sciences (Switzerland), 2020, 10, 4587.	2.5	13
8	Guidance for Autonomous Underwater Vehicles in Confined Semistructured Environments. Sensors, 2020, 20, 7237.	3.8	6
9	Motion Control of Underwater Mine Explorer Robot UX-1: Field Trials. IEEE Access, 2019, 7, 99782-99803.	4.2	18
10	Modeling and Control of Underwater Mine Explorer Robot UX-1. IEEE Access, 2019, 7, 39432-39447.	4.2	19
11	Nonlinear Attitude Control of a Spherical Underwater Vehicle. Sensors, 2019, 19, 1445.	3.8	14
12	Effects of Elastic Hinges on Input Torque Requirements for a Motorized Indirect-Driven Flapping-Wing Compliant Transmission Mechanism. IEEE Access, 2019, 7, 13068-13077.	4.2	6
13	Role and Activities of Revenue Manager between Individual and Team Competencies: Empirical Evidence in a Tourist Destination. Journal of Service Science and Management, 2019, 12, 832-858.	0.5	0
14	uAQE: Urban Air Quality Evaluator. Lecture Notes in Computer Science, 2019, , 337-343.	1.3	0
15	Early detection and information extraction for weather-induced floods using social media streams. International Journal of Disaster Risk Reduction, 2018, 30, 145-157.	3.9	67
16	Design and assessment of a flexible fish robot actuated by shape memory alloys. Bioinspiration and Biomimetics, 2018, 13, 056009.	2.9	50
17	Transparent bandwidth aggregation for residential access networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3138.	3.9	0
18	Co-design of a crowdsourcing solution for disaster risk reduction. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Bio-inspired fish robot based on chemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 325-329.	7.8	28
20	A service oriented cloud-based architecture for mobile geolocated emergency services. <i>Concurrency Computation Practice and Experience</i> , 2017, 29, e4051.	2.2	10
21	SQL versus NoSQL databases for geospatial applications. , 2017, , .		18
22	Localization of emergency first responders using UWB/GNSS with cloud-based augmentation. , 2017, , .		2
23	Coupling early warning services, crowdsourcing, and modelling for improved decision support and wildfire emergency management. , 2017, , .		5
24	Gamified crowdsourcing for disaster risk management. , 2017, , .		4
25	A language-agnostic approach to exact informative tweets during emergency situations. , 2017, , .		5
26	River segmentation for flood monitoring. , 2017, , .		32
27	Filtering informative tweets during emergencies. , 2017, , .		7
28	On the evaluation of cloud web services for crowdsourcing mobile applications. , 2016, , .		3
29	AURORA. <i>Performance Evaluation Review</i> , 2016, 44, 76-81.	0.6	11
30	Virtual-work-based optimization design on compliant transmission mechanism for flapping-wing aerial vehicles. , 2016, , .		4
31	Transparent Bandwidth Aggregation for Residential Access Networks. , 2015, , .		1
32	Simultaneous Task Subdivision and Allocation Using Negotiations in Multi-Robot Systems. <i>International Journal of Advanced Robotic Systems</i> , 2015, 12, 16.	2.1	6
33	Coupling crowdsourcing, earth observations, and E-GNSS in a novel flood emergency service in the cloud. , 2015, , .		7
34	Evaluating FLOODIS: Mobile sensing for a flood emergency service in the cloud. , 2015, , .		3
35	Modular robot systems towards the execution of cooperative tasks in large facilities. <i>Robotics and Autonomous Systems</i> , 2015, 66, 159-174.	5.1	17
36	Cooperative Energy-Efficient Management of Federated WiFi Networks. <i>IEEE Transactions on Mobile Computing</i> , 2015, 14, 2201-2215.	5.8	9

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37	Biophilic Evolutionary Buildings that Restore the Experience of Animality in the City. Lecture Notes in Computer Science, 2015, , 465-472.	1.3	1
38	Evolutionary Training of Robotised Architectural Elements. Lecture Notes in Computer Science, 2015, , 819-830.	1.3	1
39	Local cooperative caching policies in multi-hop D2D networks. , 2014, , .		6
40	A Cloud-Based Approach to GNSS Augmentation for Navigation Services. , 2014, , .		9
41	A negotiation support system for disputes between Iraq and Turkey over the Tigris-Euphrates basin. Journal of Hydrology, 2014, 514, 65-84.	5.4	10
42	Transparent Bandwidth Aggregation for Residential Access Networks. , 2014, , .		0
43	Evolutionary Learning of Basic Functionalities for Snake-Like Robots. Advances in Intelligent Systems and Computing, 2014, , 391-406.	0.6	0
44	A heterogeneous multi-criteria multi-expert decision-support system for scoring combinations of flood mitigation and recovery options. Environmental Modelling and Software, 2013, 49, 152-165.	4.5	35
45	Energy-efficient wi-fi gateways for federated residential networks. , 2013, , .		2
46	3GOL. , 2013, , .		13
47	Power-boosting residential wired broadband. , 2013, , .		0
48	Can wireless support wired broadband? A practical showcase for residential networks. , 2013, , .		0
49	Energy-efficient wireless resource sharing for federated residential networks. , 2012, , .		3
50	The ESA Lunar Robotics Challenge: Simulating operations at the lunar south pole. Journal of Field Robotics, 2012, 29, 601-626.	6.0	6
51	Bandwidth Monitoring in Multi-Rate 802.11 WLANs with Elastic Traffic Awareness. , 2011, , .		5
52	Cooperative task execution between modular robots based on tight-loose cooperation strategies. , 2011, , .		4
53	A new metric for admission control in multi-rate 802.11 WLANs. , 2011, , .		1
54	An Air-Ground Wireless Sensor Network for Crop Monitoring. Sensors, 2011, 11, 6088-6108.	3.8	142

#	ARTICLE	IF	CITATIONS
55	Aerial remote sensing in agriculture: A practical approach to area coverage and path planning for fleets of mini aerial robots. Journal of Field Robotics, 2011, 28, 667-689.	6.0	209
56	Negotiation of target points for teams of heterogeneous robots: an application to exploration. , 2009, , .		2
57	Simultaneous task subdivision and allocation for teams of heterogeneous robots. , 2009, , .		11
58	Tracking Moving Optima Using Kalman-Based Predictions. Evolutionary Computation, 2008, 16, 1-30.	3.0	139
59	Two adaptive mutation operators for optima tracking in dynamic optimization problems with evolution strategies. , 2007, , .		7
60	Pose Estimation with Multiple Sources Using Evolutionary Algorithms. , 2007, , .		0
61	A Partially Reliable Transport Protocol for Multiple-Description Real-Time Multimedia Traffic. , 2006, , .		1
62	Annealed replication: a new heuristic for the maximum clique problem. Discrete Applied Mathematics, 2002, 121, 27-49.	0.9	44
63	An adaptive evolutionary algorithm for the satisfiability problem. , 2000, , .		23
64	A spatial decision support system for optimally locating treatment plants for safe wastewater reuse: an application to Saudi Arabia. , 0, 178, 1-20.		1