

Emilio Frazzoli

List of Publications by Year in descending order

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218
papers

15,612
citations

109321

35
h-index

64796

79
g-index

218
all docs

218
docs citations

218
times ranked

9489
citing authors

#	ARTICLE	IF	CITATIONS
1	Sampling-based algorithms for optimal motion planning. International Journal of Robotics Research, 2011, 30, 846-894.	8.5	3,085
2	Distributed Event-Triggered Control for Multi-Agent Systems. IEEE Transactions on Automatic Control, 2012, 57, 1291-1297.	5.7	1,917
3	A Survey of Motion Planning and Control Techniques for Self-Driving Urban Vehicles. IEEE Transactions on Intelligent Vehicles, 2016, 1, 33-55.	12.7	1,540
4	On-demand high-capacity ride-sharing via dynamic trip-vehicle assignment. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 462-467.	7.1	740
5	Real-Time Motion Planning for Agile Autonomous Vehicles. Journal of Guidance, Control, and Dynamics, 2002, 25, 116-129.	2.8	602
6	Anytime Motion Planning using the RRT*. , 2011, , .		529
7	A perception-driven autonomous urban vehicle. Journal of Field Robotics, 2008, 25, 727-774.	6.0	364
8	Symbolic planning and control of robot motion [Grand Challenges of Robotics]. IEEE Robotics and Automation Magazine, 2007, 14, 61-70.	2.0	281
9	Optimal kinodynamic motion planning using incremental sampling-based methods. , 2010, , .		265
10	Toward a Systematic Approach to the Design and Evaluation of Automated Mobility-on-Demand Systems: A Case Study in Singapore. Lecture Notes in Mobility, 2014, , 229-245.	0.2	239
11	Robotic load balancing for mobility-on-demand systems. International Journal of Robotics Research, 2012, 31, 839-854.	8.5	218
12	Decentralized Cooperative Policy for Conflict Resolution in Multivehicle Systems. , 2007, 23, 1170-1183.		193
13	Traveling Salesperson Problems for the Dubins Vehicle. IEEE Transactions on Automatic Control, 2008, 53, 1378-1391.	5.7	186
14	Multivehicle Cooperative Driving Using Cooperative Perception: Design and Experimental Validation. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 663-680.	8.0	172
15	Revisiting Street Intersections Using Slot-Based Systems. PLoS ONE, 2016, 11, e0149607.	2.5	155
16	A review of urban computing for mobile phone traces. , 2013, , .		147
17	RRT ^X : Asymptotically optimal single-query sampling-based motion planning with quick replanning. International Journal of Robotics Research, 2016, 35, 797-822.	8.5	147
18	A unified filter for simultaneous input and state estimation of linear discrete-time stochastic systems. Automatica, 2016, 63, 321-329.	5.0	140

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19	Improving Positioning Accuracy Using GPS Pseudorange Measurements for Cooperative Vehicular Localization. IEEE Transactions on Vehicular Technology, 2014, 63, 2544-2556.	6.3	135
20	Intention-Aware Motion Planning. Springer Tracts in Advanced Robotics, 2013, , 475-491.	0.4	116
21	Duckietown: An open, inexpensive and flexible platform for autonomy education and research. , 2017, , .		114
22	Capacity-Aware Backpressure Traffic Signal Control. IEEE Transactions on Control of Network Systems, 2015, 2, 164-173.	3.7	109
23	On the Dubins Traveling Salesman Problem. IEEE Transactions on Automatic Control, 2012, 57, 265-270.	5.7	104
24	Sampling-based optimal motion planning for non-holonomic dynamical systems. , 2013, , .		104
25	Distributed robust adaptive equilibrium computation for generalized convex games. Automatica, 2016, 63, 82-91.	5.0	101
26	Distributed traffic signal control for maximum network throughput. , 2012, , .		97
27	The Impact of Cooperative Perception on Decision Making and Planning of Autonomous Vehicles. IEEE Intelligent Transportation Systems Magazine, 2015, 7, 39-50.	3.8	90
28	Microsimulation of Demand and Supply of Autonomous Mobility On Demand. Transportation Research Record, 2016, 2564, 21-30.	1.9	90
29	Sampling-based motion planning with deterministic μ-calculus specifications. , 2009, , .		89
30	Distributed Algorithms for Environment Partitioning in Mobile Robotic Networks. IEEE Transactions on Automatic Control, 2011, 56, 1834-1848.	5.7	86
31	Steady-state drifting stabilization of RWD vehicles. Control Engineering Practice, 2011, 19, 1363-1376.	5.5	85
32	Adaptive and Distributed Algorithms for Vehicle Routing in a Stochastic and Dynamic Environment. IEEE Transactions on Automatic Control, 2011, 56, 1259-1274.	5.7	84
33	Efficient Routing Algorithms for Multiple Vehicles With no Explicit Communications. IEEE Transactions on Automatic Control, 2009, 54, 2302-2317.	5.7	81
34	Incremental Search Methods for Reachability Analysis of Continuous and Hybrid Systems. Lecture Notes in Computer Science, 2004, , 142-156.	1.3	80
35	Anytime computation of time-optimal off-road vehicle maneuvers using the RRT* . , 2011, , .		78
36	Robust Distributed Routing in Dynamical Networksâ€œPart II: Strong Resilience, Equilibrium Selection and Cascaded Failures. IEEE Transactions on Automatic Control, 2013, 58, 333-348.	5.7	70

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37	Vehicle Routing Problem with Metric Temporal Logic Specifications. , 2008, , .		68
38	High-speed flight in an ergodic forest. , 2012, , .		66
39	Robust Distributed Routing in Dynamical Networksâ€™Part I: Locally Responsive Policies and Weak Resilience. IEEE Transactions on Automatic Control, 2013, 58, 317-332.	5.7	66
40	Liability, Ethics, and Culture-Aware Behavior Specification using Rulebooks. , 2019, , .		62
41	Massively parallelizing the RRT and the RRT. , 2011, , .		60
42	Asymptotically Optimal Algorithms for One-to-One Pickup and Delivery Problems With Applications to Transportation Systems. IEEE Transactions on Automatic Control, 2013, 58, 2261-2276.	5.7	58
43	Least-violating control strategy synthesis with safety rules. , 2013, , .		51
44	Rebalancing the rebalancers: optimally routing vehicles and drivers in mobility-on-demand systems. , 2013, , .		50
45	Resilient state estimation against switching attacks on stochastic cyber-physical systems. , 2015, , .		50
46	Steady-state cornering equilibria and stabilisation for a vehicle during extreme operating conditions. International Journal of Vehicle Autonomous Systems, 2010, 8, 217.	0.2	49
47	A Dynamical Queue Approach to Intelligent Task Management for Human Operators. Proceedings of the IEEE, 2012, 100, 672-686.	21.3	49
48	Intention-Aware Pedestrian Avoidance. Springer Tracts in Advanced Robotics, 2013, , 963-977.	0.4	48
49	\mathbb{RRT}^X : Real-Time Motion Planning/Replanning for Environments with Unpredictable Obstacles. Springer Tracts in Advanced Robotics, 2015, , 461-478.	0.4	46
50	Stability Analysis of Transportation Networks with Multiscale Driver Decisions. SIAM Journal on Control and Optimization, 2013, 51, 230-252.	2.1	44
51	Towards autonomous navigation of unsignalized intersections under uncertainty of human driver intent. , 2015, , .		44
52	A voice-commandable robotic forklift working alongside humans in minimally-prepared outdoor environments. , 2010, , .		43
53	Models, algorithms, and evaluation for autonomous mobility-on-demand systems. , 2015, , .		43
54	Bounds on tracking error using closed-loop rapidly-exploring random trees. , 2010, , .		39

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55	Sampling-based algorithms for optimal motion planning with deterministic μ-calculus specifications. , 2012, , .		39
56	Incremental sampling-based algorithm for minimum-violation motion planning. , 2013, , .		37
57	Back-pressure traffic signal control with unknown routing rates. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 11332-11337.	0.4	37
58	AMoDeus, a Simulation-Based Testbed for Autonomous Mobility-on-Demand Systems. , 2018, , .		37
59	Asymptotically-optimal path planning for manipulation using incremental sampling-based algorithms. , 2011, , .		37
60	Efficient collision checking in sampling-based motion planning via safety certificates. International Journal of Robotics Research, 2016, 35, 767-796.	8.5	36
61	Efficient routing of multiple vehicles with no explicit communications. International Journal of Robust and Nonlinear Control, 2008, 18, 154-164.	3.7	35
62	Distributed consensus in noncooperative congestion games: An application to road pricing. , 2013, , .		35
63	Model Predictive Control of Ride-sharing Autonomous Mobility-on-Demand Systems. , 2019, , .		35
64	Complex mission optimization for Multiple-UAVs using Linear Temporal Logic. , 2008, , .		34
65	Analysis and Control of Autonomous Mobility-on-Demand Systems. Annual Review of Control, Robotics, and Autonomous Systems, 2022, 5, 633-658.	11.8	34
66	Autonomous golf cars for public trial of mobility-on-demand service. , 2015, , .		32
67	Human-in-the-loop vehicle routing policies for dynamic environments. , 2008, , .		31
68	Switching and Data Injection Attacks on Stochastic Cyber-Physical Systems. ACM Transactions on Cyber-Physical Systems, 2018, 2, 1-2.	2.5	30
69	Quantifying the Efficiency of Ride Sharing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5811-5816.	8.0	30
70	Efficient Collision Checking in Sampling-Based Motion Planning. Springer Tracts in Advanced Robotics, 2013, , 365-380.	0.4	29
71	Vehicle Routing with Linear Temporal Logic Specifications: Applications to Multi-UAV Mission Planning. , 2008, , .		28
72	Control of probabilistic systems under dynamic, partially known environments with temporal logic specifications. , 2012, , .		28

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73	On steady-state cornering equilibria for wheeled vehicles with drift. , 2009, , .		27
74	Distributed self-triggered control for multi-agent systems. , 2010, , .		27
75	What lies in the shadows? Safe and computation-aware motion planning for autonomous vehicles using intent-aware dynamic shadow regions. , 2019, , .		27
76	Impact of vehicle automation and electric propulsion on production costs for mobility services worldwide. Transportation Research, Part A: Policy and Practice, 2020, 138, 105-126.	4.2	27
77	From driverless dilemmas to more practical commonsense tests for automated vehicles. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
78	Autonomous mobility on demand in SimMobility: Case study of the central business district in Singapore. , 2015, , .		26
79	POMDP-lite for robust robot planning under uncertainty. , 2016, , .		26
80	An incremental sampling-based algorithm for stochastic optimal control. , 2012, , .		25
81	Distributed policies for equitable partitioning: Theory and applications. , 2008, , .		24
82	Asymptotically-optimal path planning for manipulation using incremental sampling-based algorithms. , 2011, , .		24
83	A Situationally Aware Voice-Commandable Robotic Forklift Working Alongside People in Unstructured Outdoor Environments. Journal of Field Robotics, 2015, 32, 590-628.	6.0	24
84	The +1 Method: Model-Free Adaptive Repositioning Policies for Robotic Multi-Agent Systems. IEEE Transactions on Network Science and Engineering, 2020, 7, 3171-3184.	6.4	24
85	Simultaneous input and state estimation with a delay. , 2015, , .		23
86	Teleoperation of On-Road Vehicles via Immersive Telepresence Using Off-the-shelf Components. Advances in Intelligent Systems and Computing, 2016, , 1419-1433.	0.6	23
87	Incremental Sampling-Based Algorithms for a Class of Pursuit-Evasion Games. Springer Tracts in Advanced Robotics, 2010, , 71-87.	0.4	23
88	Specification and planning of UAV missions: a Process Algebra approach. , 2009, , .		22
89	Fundamental performance limits and efficient policies for Transportation-On-Demand systems. , 2010, , .		22
90	Differential flatness of a front-steered vehicle with tire force control. , 2011, , .		22

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91	A GPS Pseudorange Based Cooperative Vehicular Distance Measurement Technique. , 2012, , .		22
92	Simulation Framework for Rebalancing of Autonomous Mobility on Demand Systems. MATEC Web of Conferences, 2016, 81, 01005.	0.2	22
93	Scalable Model Predictive Control for Autonomous Mobility-on-Demand Systems. IEEE Transactions on Control Systems Technology, 2021, 29, 635-644.	5.2	21
94	Incremental synthesis of control policies for heterogeneous multi-agent systems with linear temporal logic specifications. , 2013, , .		20
95	Inertial Properties Estimation of a Passive On-orbit Object Using Polhode Analysis. Journal of Guidance, Control, and Dynamics, 2018, 41, 2214-2231.	2.8	20
96	Robust and resilient estimation for Cyber-Physical Systems under adversarial attacks. , 2016, , .		19
97	Load Balancing for Mobility-on-Demand Systems. , 0, , .		19
98	Analysis of decentralized potential field based multi-agent navigation via primal-dual Lyapunov theory. , 2010, , .		18
99	Multiple vehicle driving control for traffic flow efficiency. , 2012, , .		18
100	Persistent patrol with limited-range on-board sensors. , 2010, , .		17
101	Closed-loop pallet manipulation in unstructured environments. , 2010, , .		17
102	Pressure releasing policy in traffic signal control with finite queue capacities. , 2014, , .		17
103	Simultaneous Input and State Estimation for Linear Time-Varying Continuous-Time Stochastic Systems. IEEE Transactions on Automatic Control, 2017, 62, 2531-2538.	5.7	17
104	Locally-optimal multi-robot navigation under delaying disturbances using homotopy constraints. Autonomous Robots, 2018, 42, 895-907.	4.8	17
105	Synthesis of provably correct controllers for autonomous vehicles in urban environments. , 2011, , .		16
106	Game theoretic controller synthesis for multi-robot motion planning Part I: Trajectory based algorithms. , 2014, , .		16
107	On distributed equilibrium seeking for generalized convex games. , 2012, , .		15
108	A Process Algebra Genetic Algorithm. IEEE Transactions on Evolutionary Computation, 2012, 16, 489-503.	10.0	15

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109	Hybrid centralized/distributed autonomous intersection control: Using a job scheduler as a planner and inheriting its efficiency guarantees. , 2016, , .		15
110	Numerical Approach to Reachability-Guided Sampling-Based Motion Planning Under Differential Constraints. IEEE Robotics and Automation Letters, 2017, 2, 1232-1239.	5.1	15
111	Supermodular mean squared error minimization for sensor scheduling in optimal Kalman Filtering. , 2017, , .		15
112	Urban Driving Games With Lexicographic Preferences and Socially Efficient Nash Equilibria. IEEE Robotics and Automation Letters, 2021, 6, 4978-4985.	5.1	15
113	Free-configuration biased sampling for motion planning. , 2013, , .		14
114	Simultaneous input and state estimation for linear discrete-time stochastic systems with direct feedthrough. , 2013, , .		14
115	UAV Routing and Coordination in Stochastic, Dynamic Environments. , 2015, , 2079-2109.		14
116	Co-Design of Autonomous Systems: From Hardware Selection to Control Synthesis. , 2021, , .		14
117	Decentralised dynamic games for large population stochastic multi-agent systems. IET Control Theory and Applications, 2015, 9, 503-510.	2.1	13
118	Vehicle routing for shared-mobility systems with time-varying demand. , 2016, , .		13
119	Minimum-Violation Planning for Autonomous Systems: Theoretical and Practical Considerations. , 2021, , .		13
120	Asymptotically optimal feedback planning using a numerical Hamilton-Jacobi-Bellman solver and an adaptive mesh refinement. International Journal of Robotics Research, 2016, 35, 565-584.	8.5	12
121	On minimum-time paths of bounded curvature with position-dependent constraints. Automatica, 2014, 50, 537-546.	5.0	11
122	Throughput optimality of extended back-pressure traffic signal control algorithm. , 2015, , .		11
123	Linear Flight Control Techniques for Unmanned Aerial Vehicles. , 2015, , 529-576.		11
124	Back-pressure traffic signal control with partial routing control. , 2016, , .		11
125	Verification and Synthesis of Admissible Heuristics for Kinodynamic Motion Planning. IEEE Robotics and Automation Letters, 2017, 2, 648-655.	5.1	11
126	Cooperative mission planning for a class of carrier-vehicle systems. , 2010, , .		10

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127	Maximally Stabilizing Task Release Control Policy for a Dynamical Queue. IEEE Transactions on Automatic Control, 2010, 55, 2655-2660.	5.7	10
128	Models and efficient algorithms for pickup and delivery problems on roadmaps. , 2012, , .		10
129	Sampling-based algorithms for optimal motion planning using process algebra specifications. , 2014, , .		10
130	A Power-Performance Approach to Comparing Sensor Families, with application to comparing neuromorphic to traditional vision sensors. , 2015, , .		10
131	Computational methods for MIMO flat linear systems: Flat output characterization, test and tracking control. , 2015, , .		10
132	Provably safe and deadlock-free execution of multi-robot plans under delaying disturbances. , 2016, , .		10
133	Iterative Tuning With Reactive Compensation for Urban Traffic Signal Control. IEEE Transactions on Control Systems Technology, 2017, 25, 2047-2059.	5.2	10
134	The Cow-Path Game: A competitive vehicle routing problem. , 2012, , .		9
135	High-speed motion with limited sensing range in a poisson forest. , 2012, , .		9
136	Sampling-based algorithms for continuous-time POMDPs. , 2013, , .		9
137	Generalized innovation and inference algorithms for hidden mode switched linear stochastic systems with unknown inputs. , 2014, , .		9
138	Road pricing design based on game theory and multi-agent consensus. IEEE/CAA Journal of Automatica Sinica, 2014, 1, 31-39.	13.1	9
139	Further study on extended back-pressure traffic signal control algorithm. , 2015, , .		9
140	Analysis of Price of Anarchy in Traffic Networks With Heterogeneous Price-Sensitivity Populations. IEEE Transactions on Control Systems Technology, 2015, 23, 2227-2237.	5.2	9
141	Ridepooling with trip-chaining in a shared-vehicle mobility-on-demand system. , 2017, , .		9
142	Co-design of Embodied Intelligence: A Structured Approach. , 2021, , .		9
143	Incremental temporal logic synthesis of control policies for robots interacting with dynamic agents. , 2012, , .		8
144	Dynamic traffic congestion pricing mechanism with User-Centric considerations. , 2012, , .		8

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145	Discrete-time mean field games in multi-agent systems. , 2014, , .		8
146	Low-latency heading feedback control with neuromorphic vision sensors using efficient approximated incremental inference. , 2015, , .		8
147	Optimal sampling-based Feedback Motion Trees among obstacles for controllable linear systems with linear constraints. , 2015, , .		8
148	An incremental sampling-based algorithm for stochastic optimal control. International Journal of Robotics Research, 2016, 35, 305-333.	8.5	8
149	Today Me, Tomorrow Thee: Efficient Resource Allocation in Competitive Settings using Karma Games. , 2019, , .		8
150	Learning to Operate a Fleet of Cars. , 2019, , .		8
151	On the Co-Design of AV-Enabled Mobility Systems. , 2020, , .		8
152	Cooperative path planning for a class of carrier-vehicle systems.. , 2008, , .		7
153	Iterative Tuning strategy for setting phase splits in traffic signal control. , 2014, , .		7
154	Fast Joint Compatibility Branch and Bound for feature cloud matching. , 2016, , .		7
155	Integrated Benchmarking and Design for Reproducible and Accessible Evaluation of Robotic Agents. , 2020, , .		7
156	Data-Driven Synthesis of Symbolic Abstractions With Guaranteed Confidence. , 2023, 7, 253-258.		7
157	Constructing MDP Abstractions Using Data With Formal Guarantees. , 2023, 7, 460-465.		7
158	Impact of GPS and ADS-B Reported Accuracy on Conflict Detection Performance in Dense Traffic. , 2011, , .		6
159	An asymptotically optimal algorithm for pickup and delivery problems. , 2011, , .		6
160	Stabilization of linear continuous-time systems using neuromorphic vision sensors. , 2016, , .		6
161	Imbalance in Mobility-on-Demand Systems. ACM Transactions on Spatial Algorithms and Systems, 2019, 5, 1-22.	1.4	6
162	Posetal Games: Efficiency, Existence, and Refinement of Equilibria in Games With Prioritized Metrics. IEEE Robotics and Automation Letters, 2022, 7, 1292-1299.	5.1	6

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163	Stability analysis of transportation networks with multiscale driver decisions. , 2011, , .		5
164	Robust distributed routing in dynamical networks with cascading failures. , 2012, , .		5
165	Simultaneous input and state smoothing for linear discrete-time stochastic systems with unknown inputs. , 2014, , .		5
166	Analysis of Price of Total Anarchy in Congestion Games via Smoothness Arguments. IEEE Transactions on Control of Network Systems, 2017, 4, 876-885.	3.7	5
167	Asymptotically Optimal Pruning for Nonholonomic Nearest-Neighbor Search. , 2018, , .		5
168	On Maximizing Lateral Clearance of an Autonomous Vehicle in Urban Environments. , 2019, , .		5
169	Discussion on: Optimality Properties and Driver Input Parameterization for Trail-braking Cornering. European Journal of Control, 2008, 14, 321-328.	2.6	5
170	The AI Driving Olympics at NeurIPS 2018. The Springer Series on Challenges in Machine Learning, 2020, , 37-68.	10.4	5
171	Robust distributed routing in dynamical flow networks. , 2011, , .		4
172	On competitive search games for multiple vehicles. , 2012, , .		4
173	Navigation with foraging. , 2013, , .		4
174	Anytime computation algorithms for stochastically parametric approach-evasion differential games. , 2013, , .		4
175	Incremental minimum-violation control synthesis for robots interacting with external agents. , 2014, , .		4
176	Any-com collision checking: Sharing certificates in decentralized multi-robot teams. , 2014, , .		4
177	A martingale approach and time-consistent sampling-based algorithms for risk management in stochastic optimal control. , 2014, , .		4
178	Iterative tuning strategy for setting phase splits with anticipation of traffic demand in urban traffic network. IET Control Theory and Applications, 2016, 10, 1469-1479.	2.1	4
179	Torque efficient motion through singularity. , 2017, , .		4
180	Regulation of Linear Systems Using Event-Based Detection Sensors. IEEE Transactions on Automatic Control, 2019, 64, 373-380.	5.7	4

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181	Optimal foraging of renewable resources. , 2012, , .		3
182	Probabilistically-sound and asymptotically-optimal algorithm for stochastic control with trajectory constraints. , 2012, , .		3
183	Simultaneous input and state estimation of linear discrete-time stochastic systems with input aggregate information. , 2015, , .		3
184	Efficient high speed signal estimation with neuromorphic vision sensors. , 2015, , .		3
185	Simultaneous mode, input and state estimation for switched linear stochastic systems. International Journal of Robust and Nonlinear Control, 2021, 31, 640-661.	3.7	3
186	Vehicle Autonomy Using Cooperative Perception for Mobility-on-Demand Systems. Mechanisms and Machine Science, 2015, , 331-360.	0.5	3
187	Persistent Patrol in Stochastic Environments with Limited Sensors. , 2010, , .		3
188	Multi-vehicle Routing. , 2014, , 1-11.		3
189	Maximally stabilizing task release control policy for a dynamical queue. , 2010, , .		2
190	Sampling-based algorithm for filtering using Markov chain approximations. , 2012, , .		2
191	Asymptotic adaptive tracking with input amplitude and rate constraints and bounded disturbances. , 2014, , .		2
192	Analysis of price of anarchy in heterogeneous price-sensitive populations. , 2014, , .		2
193	Simultaneous input and state estimation for linear time-invariant continuous-time stochastic systems with unknown inputs. , 2015, , .		2
194	Convergence speed analysis for evolutionary congestion games. , 2015, , .		2
195	Supermodular Batch State Estimation in Optimal Sensor Scheduling. , 2017, 1, 292-297.		2
196	Landmark guided probabilistic roadmap queries. , 2017, , .		2
197	Fleet Sizing in Vehicle Sharing Systems with Service Quality Guarantees. , 2018, , .		2
198	Adaptive Optimal Receding-Horizon Robot Navigation via Short-Term Policy Development. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
199	Guest editorial: Special issue on distributed roboticsâ€”from fundamentals to applications. <i>Autonomous Robots</i> , 2018, 42, 1521-1523.	4.8	2
200	Wormhole Learning. , 2019, , .		2
201	A Compositional Sheaf-Theoretic Framework for Event-Based Systems. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 333, 139-153.	0.8	2
202	Simulation-Based Assessment of Parking Constraints for Automated Mobility on Demand: A Case Study of Zurich. <i>Vehicles</i> , 2021, 3, 272-286.	3.1	2
203	Asymptotically Optimal Feedback Planning: FMM Meets Adaptive Mesh Refinement. <i>Springer Tracts in Advanced Robotics</i> , 2015, , 695-710.	0.4	2
204	On resilience of distributed routing in networks under cascade dynamics. , 2013, , .		1
205	Asymptotically reachable states and related symmetry in systems theory. , 2015, , .		1
206	Iterative Tuning Strategy for Setting Two-Way Offset by Using Histogram of Traffic Flows in Traffic Signal Control. , 2015, , .		1
207	Adaptive hidden mode tracking control with input constraints and bounded disturbances. , 2016, , .		1
208	Stabilization of stochastic linear continuous-time systems using noisy neuromorphic vision sensors. , 2017, , .		1
209	Hierarchical Multiobjective Shortest Path Problems. <i>Springer Proceedings in Advanced Robotics</i> , 2021, , 261-276.	1.3	1
210	Image Representation of a City and Its Taxi Fleet for End-To-End Learning of Rebalancing Policies. , 2021, , .		1
211	Efficient Nearest-Neighbor Search for Dynamical Systems with Nonholonomic Constraints. <i>Springer Proceedings in Advanced Robotics</i> , 2020, , 608-623.	1.3	1
212	Bacterial chemotaxis to saccharides is governed byÂa trade-off between sensing and uptake. <i>Biophysical Journal</i> , 2022, 121, 2046-2059.	0.5	1
213	Real-time game theoretic coordination of competitive mobility-on-demand systems. , 2013, , .		0
214	Cow-Path Games in dynamic environments: Strategic search algorithms for a changing world. , 2014, , .		0
215	Special Issue on the Tenth International Workshop on Algorithmic Foundations of Robotics (WAFR). <i>International Journal of Robotics Research</i> , 2014, 33, 3-4.	8.5	0
216	Computing Earth mover's distances on a road map with applications to one-way vehicle sharing. , 2014, , .		0

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217	The effect of reversals for a stochastic source-seeking process inspired by bacterial chemotaxis. , 2014, , .		0
218	Selection of input primitives for the generalized label correcting method. , 2017, , .		0