Javier Garcia

List of Publications by Year in descending order

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26 papers	342 citations	1307594 7 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	330 citing authors

#	Article	IF	Citations
1	Instance-based defense against adversarial attacks in Deep Reinforcement Learning. Engineering Applications of Artificial Intelligence, 2022, 107, 104514.	8.1	2
2	Extending the Evaluation of Social Assistive Robots With Accessibility Indicators: The AUSUS Evaluation Framework. IEEE Transactions on Human-Machine Systems, 2021, 51, 601-612.	3.5	3
3	Perceptions or Actions? Grounding How Agents Interact Within a Software Architecture for Cognitive Robotics. Cognitive Computation, 2020, 12, 479-497.	5.2	9
4	Teaching a humanoid robot to walk faster through Safe Reinforcement Learning. Engineering Applications of Artificial Intelligence, 2020, 88, 103360.	8.1	40
5	An Automated Planning Model for HRI: Use Cases on Social Assistive Robotics. Sensors, 2020, 20, 6520.	3.8	2
6	Learning adversarial attack policies through multi-objective reinforcement learning. Engineering Applications of Artificial Intelligence, 2020, 96, 104021.	8.1	11
7	Reinforcement learning for pricing strategy optimization in the insurance industry. Engineering Applications of Artificial Intelligence, 2019, 80, 8-19.	8.1	30
8	Probabilistic Policy Reuse for Safe Reinforcement Learning. ACM Transactions on Autonomous and Adaptive Systems, 2019, 13, 1-24.	0.8	3
9	Directed Exploration in Black-Box Optimization for Multi-Objective Reinforcement Learning. International Journal of Information Technology and Decision Making, 2019, 18, 1045-1082.	3.9	4
10	Adaptation of the Difficulty Level in an Infant-Robot Movement Contingency Study. Advances in Intelligent Systems and Computing, 2019, , 70-83.	0.6	1
11	On-Line Case-Based Policy Learning for Automated Planning in Probabilistic Environments. International Journal of Information Technology and Decision Making, 2018, 17, 763-800.	3.9	0
12	Towards a robust robotic assistant for Comprehensive Geriatric Assessment procedures: updating the CLARC system. , 2018, , .		8
13	CLARC: A Cognitive Robot for Helping Geriatric Doctors in Real Scenarios. Advances in Intelligent Systems and Computing, 2018, , 403-414.	0.6	5
14	LifeBots I: Building the Software Infrastructure for Supporting Lifelong Technologies. Advances in Intelligent Systems and Computing, 2018, , 391-402.	0.6	1
15	Incremental reinforcement learning for multi-objective robotic tasks. Knowledge and Information Systems, 2017, 51, 911-940.	3.2	2
16	Integrating the users in the design of a robot for making Comprehensive Geriatric Assessments (CGA) to elderly people in care centers. , 2017, , .		8
17	TIMIPLAN: A Tool for Transportation Tasks. , 2016, , 269-285.		2
18	Combining linear programming and automated planning to solve intermodal transportation problems. European Journal of Operational Research, 2013, 227, 216-226.	5.7	32

#	Article	IF	Citations
19	Solving Multi-modal and Uni-modal Transportation Problems through TIMIPlan. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 203-208.	0.4	2
20	REINFORCEMENT LEARNING FOR DECISION-MAKING IN A BUSINESS SIMULATOR. International Journal of Information Technology and Decision Making, 2012, 11, 935-960.	3.9	9
21	Safe reinforcement learning in high-risk tasks through policy improvement. , 2011, , .		7
22	Business Simulators for Business Education and Research. , 2011, , 229-246.		0
23	SIMBA: A simulator for business education and research. Decision Support Systems, 2010, 48, 498-506.	5.9	45
24	Probabilistic Policy Reuse for inter-task transfer learning. Robotics and Autonomous Systems, 2010, 58, 866-871.	5.1	51
25	Two Steps Reinforcement Learning in Continuous Reinforcement Learning Tasks. Lecture Notes in Computer Science, 2009, , 577-584.	1.3	0
26	Safe Exploration of State and Action Spaces in Reinforcement Learning. Journal of Artificial Intelligence Research, 0, 45, 515-564.	7.0	61