

# Richard Dazeley

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48  
papers

502  
citations

13  
h-index

21  
g-index

49  
ext. papers

698  
ext. citations

2.7  
avg, IF

4.02  
L-index

#	Paper	IF	Citations
48	A practical guide to multi-objective reinforcement learning and planning. <i>Autonomous Agents and Multi-Agent Systems</i> , <b>2022</b> , 36, 1	2	5
47	Potential-based multiobjective reinforcement learning approaches to low-impact agents for AI safety. <i>Engineering Applications of Artificial Intelligence</i> , <b>2021</b> , 100, 104186	7.2	4
46	usfAD: a robust anomaly detector based on unsupervised stochastic forest. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2021</b> , 12, 1137-1150	3.8	3
45	A Robust Approach for Continuous Interactive Actor-Critic Algorithms. <i>IEEE Access</i> , <b>2021</b> , 9, 104242-104260	3.9	4
44	A Prioritized objective actor-critic method for deep reinforcement learning. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 10335-10349	4.8	5
43	An Evaluation Methodology for Interactive Reinforcement Learning with Simulated Users. <i>Biomimetics</i> , <b>2021</b> , 6,	3.7	4
42	Levels of explainable artificial intelligence for human-aligned conversational explanations. <i>Artificial Intelligence</i> , <b>2021</b> , 299, 103525	3.6	13
41	A Robust Approach for Continuous Interactive Reinforcement Learning <b>2020</b> ,		3
40	A multi-objective deep reinforcement learning framework. <i>Engineering Applications of Artificial Intelligence</i> , <b>2020</b> , 96, 103915	7.2	12
39	Deep Reinforcement Learning with Interactive Feedback in a HumanRobot Environment. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 5574	2.6	14
38	An Empirical Study of Reward Structures for Actor-Critic Reinforcement Learning in Air Combat Manoeuvring Simulation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 54-65	0.9	8
37	Memory-Based Explainable Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 66-77	0.9	5
36	Human-aligned artificial intelligence is a multiobjective problem. <i>Ethics and Information Technology</i> , <b>2018</b> , 20, 27-40	3.7	28
35	Rapid Anomaly Detection Using Integrated Prudence Analysis (IPA). <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 137-141	0.9	
34	Steering approaches to Pareto-optimal multiobjective reinforcement learning. <i>Neurocomputing</i> , <b>2017</b> , 263, 26-38	5.4	11
33	Softmax exploration strategies for multiobjective reinforcement learning. <i>Neurocomputing</i> , <b>2017</b> , 263, 74-86	5.4	16
32	Evaluating Accuracy in Prudence Analysis for Cyber Security. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 407-417	0.9	2

31	Reinforcement Learning of Pareto-Optimal Multiobjective Policies Using Steering. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 596-608	0.9	2
30	Authorship analysis of aliases: Does topic influence accuracy?. <i>Natural Language Engineering</i> , <b>2015</b> , 21, 497-518	1.1	4
29	Evaluating authorship distance methods using the positive Silhouette coefficient. <i>Natural Language Engineering</i> , <b>2013</b> , 19, 517-535	1.1	15
28	Automated unsupervised authorship analysis using evidence accumulation clustering. <i>Natural Language Engineering</i> , <b>2013</b> , 19, 95-120	1.1	22
27	<b>2012</b> ,		3
26	Recentred local profiles for authorship attribution. <i>Natural Language Engineering</i> , <b>2012</b> , 18, 293-312	1.1	24
25	Unsupervised authorship analysis of phishing webpages <b>2012</b> ,		10
24	Detection of CAN by Ensemble Classifiers Based on Ripple Down Rules. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 147-159	0.9	2
23	RM and RDM, a Preliminary Evaluation of Two Prudent RDR Techniques. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 188-194	0.9	5
22	How much material on BitTorrent is infringing content? A case study. <i>Information Security Technical Report</i> , <b>2011</b> , 16, 79-87		1
21	Empirical evaluation methods for multiobjective reinforcement learning algorithms. <i>Machine Learning</i> , <b>2011</b> , 84, 51-80	4	96
20	Online knowledge validation with prudence analysis in a document management application. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 10959-10965	7.8	5
19	Authorship Attribution for Twitter in 140 Characters or Less <b>2010</b> ,		59
18	Automatically determining phishing campaigns using the USCAP methodology <b>2010</b> ,		14
17	Consensus Clustering and Supervised Classification for Profiling Phishing Emails in Internet Commerce Security. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 235-246	0.9	20
16	The Ballarat Incremental Knowledge Engine. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 195-207	0.9	2
15	OPTIMIZATION OF MULTIPLE CLASSIFIERS IN DATA MINING BASED ON STRING REWRITING SYSTEMS. <i>Asian-European Journal of Mathematics</i> , <b>2009</b> , 02, 41-56	0.4	1
14	Constructing Stochastic Mixture Policies for Episodic Multiobjective Reinforcement Learning Tasks. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 340-349	0.9	13

13	Generalising Symbolic Knowledge in Online Classification and Prediction. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 91-108	0.9	2
12	Epistemological Approach to the Process of Practice. <i>Minds and Machines</i> , <b>2008</b> , 18, 547-567	4.9	3
11	An Approach for Generalising Symbolic Knowledge. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 379-385	0.9	1
10	On the Limitations of Scalarisation for Multi-objective Reinforcement Learning of Pareto Fronts. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 372-378	0.9	27
9	Detecting the Knowledge Boundary with Prudence Analysis. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 482-488	0.9	5
8	Weighted MCRDR: Deriving Information about Relationships between Classifications in MCRDR. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 245-255	0.9	5
7	Human engagement providing evaluative and informative advice for interactive reinforcement learning. <i>Neural Computing and Applications</i> ,1	4.8	2
6	Establishing Reasoning Communities of Security Experts for Internet Commerce Security	380-396	6
5	The impact of environmental stochasticity on value-based multiobjective reinforcement learning. <i>Neural Computing and Applications</i> ,1	4.8	1
4	Explainable robotic systems: understanding goal-driven actions in a reinforcement learning scenario. <i>Neural Computing and Applications</i> ,1	4.8	5
3	Persistent rule-based interactive reinforcement learning. <i>Neural Computing and Applications</i> ,1	4.8	5
2	A conceptual framework for externally-influenced agents: an assisted reinforcement learning review. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1	3.7	4
1	Discrete-to-deep reinforcement learning methods. <i>Neural Computing and Applications</i> ,1	4.8	0