

AI2019 Accepted papers

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4	Christian Blum, Dhananjay Thiruvady, Andreas Ernst, Matthias Horn and Günther R. Raidl. A Biased Random Key Genetic Algorithm with Rollout Evaluations for the Resource Constraint Job Scheduling Problem
7	Tanya Braun and Ralf Möller. Exploring Unknown Universes in Probabilistic Relational Models
8	George Montanez, Jonathan Hayase, Julius Lauw, Dominique Macias, Akshay Trikha and Julia Vendemiatti. The Futility of Bias-Free Learning and Search
9	Dongqiang Yang, Yanqin Yin, Tonghui Han and Hongwei Ma. Using Feature Filtering Metrics as Meta-dimensions in Constructing Distributional Representations
10	Marcel Gehrke, Tanya Braun and Ralf Möller. Efficient Multiple Query Answering in Switched Probabilistic Relational Models
14	David Toman and Grant Weddell. Finding ALL Answers to OBDA Queries using Referring Expressions
16	Anil Ramachandran, Sunil Gupta, Santu Rana and Svetha Venkatesh. Information-theoretic Multi-Task Learning framework for Bayesian Optimisation
18	Arun Kumar Anjanapura Venkatesh, Santu Rana, Cheng Li, Sunil Gupta, Alistair Shilton and Svetha Venkatesh. Bayesian Optimisation for Objective Functions with Varying Smoothness
20	Donghao Zhang, Yang Song, Dongnan Liu, Chaoyi Zhang, Yicheng Wu, Heng Wang, Fan Zhang, Yong Xia, Lauren O'donnell and Weidong Cai. Efficient 3D Depthwise and Separable Convolutions with Dilation for Brain Tumor Segmentation
22	Glennn Moy and Slava Shekh. The Application of AlphaZero to Wargaming
23	Phuc Luong, Sunil Gupta, Dang Nguyen, Santu Rana and Svetha Venkatesh. Bayesian Optimization with Discrete Variables
25	Naoya Higuchi, Yasunobu Imamura, Tetsuji Kuboyama, Kouichi Hirata and Takeshi Shinohara. Fast Filtering for Nearest Neighbor Search by Sketch Enumeration without Using Matching
26	Reza Khoshkangini, Maria Silvia Pinni and Francesca Rossi. Constructing CP-nets from Users Past Selection
27	Aaron Hunter and John Agapeyev. An Efficient Solver for Parametrized Difference Revision
29	Yuchen Wang, Fenghui Ren and Minjie Zhang. Helping an Agent Reach a Different Goal by Action Transfer in Reinforcement Learning
31	Csaba Veres and Bjorn-Helge Sandblast. Verb Semantics: Machine Learning and the Stuff of Thought

32	Usman Naseem and Shah Khalid Khan. Deep Hybrid Contextual Word Representation for Twitter Sentiment Analysis
33	Sakae Mizuki and Naoaki Okazaki. Analyzing the Variation Property of Contextualized Word Representations
34	Yingdi Zhang, Zelin Shi and Yunpeng Liu. LumNet: A deep neural network for Lumbar Paraspinal Muscles Segmentation
36	Abdus Salam, Rolf Schwitter and Mehmet A. Orgun. Answering Why-Questions using Probabilistic Logic Programming
37	Jia Shun Low, Zahra Ghafoori and Christopher Leckie. Online K-Means Clustering with Lightweight Coresets
39	Leonardo Anjoletto Ferreira, Thiago F. dos Santos, Reinaldo A. C. Bianchi and Paulo E. Santos. Solving safety problems with ensemble reinforcement learning
41	Fathima Nuzla Ismail, Brendon J. Woodford and Sherlock A. Licorish. Evaluating the boundaries of Big Data environments for Machine Learning
42	Attaullah Sahito, Bernhard Pfahringer and Attaullah Sahito. Semi-Supervised Learning using Siamese Networks
43	Marcus Suresh, Ronnie Taib, Yanchang Zhao and Warren Jin. Sharpening the BLADE: Missing Data Imputation using Supervised Machine Learning
45	Atiya Masood, Gang Chen, Yi Mei, Harith Al-Sahaf and Mengjie Zhang. Genetic Programming with Pareto Local Search for Many-Objective Job Shop Scheduling
48	Hamish Huggard, Aaron Zhang, Edmond Zhang and Yun Sing Koh. Feature Importance for Biomedical Named Entity Recognition
52	Arvind Rajagopalan, Duong Nguyen and Jijoong Kim. Defeating Kinematically Superior Threats with Lower Performance Interceptor Team applying Reachability Driven Regret-matching
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59	Juhini Desai, Bach Nguyen and Bing Xue. Multi-Label Feature Selection Using Particle Swarm Optimization: Novel Initialization Mechanisms
65	Nicolas Perez and John Oommen. Multi-Minimax: A New AI Paradigm for Simultaneously-played Multi-Player Games
76	Kosisochukwu Madukwe and Xiaoying Gao. The Thin Line Between Hate and Profanity
77	Baligh Al-Helali, Qi Chen, Bing Xue and Mengjie Zhang. Genetic Programming for Imputation Predictor Selection and Ranking in Symbolic Regression with High-dimensional Incomplete Data
78	Nicos Isaak and Loizos Michael. WinoFlexi: A Crowdsourcing Platform for the Development of Winograd Schemas

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80	Yanchang Zhao. Optimising Pump Scheduling for Water Distribution Networks
81	Ke Hou, Jiaying Liu, Yin Peng, Bo Xu, Ivan Lee and Feng Xia. DINE: A Framework for Deep Incomplete Network Embedding
82	Chen Wang, Hui Ma, Gang Chen and Sven Hartmann. Towards Robust Web Service Composition with Stochastic Service Failures Based on a Genetic Algorithm
83	Dashun Pei and Linhua Jiang. Intrinsically Motivated Active Perception For Multi-Areas View Tasks
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92	Budi Kurniawan, Peter Vamplew and Michael Papisimeon. An Empirical Study of Reward Structures for Actor-Critic Reinforcement Learning in Air Combat Manoeuvring Simulation
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