

Andrew J Parkes

List of Publications by Year in descending order

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43
papers

1,026
citations

516215

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476904

29
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46
all docs

46
docs citations

46
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of heuristics and metaheuristics for topology optimisation in acoustic porous materials. Journal of the Acoustical Society of America, 2021, 150, 3164-3175.	0.5	6
2	A hybrid combinatorial approach to a two-stage stochastic portfolio optimization model with uncertain asset prices. Soft Computing, 2020, 24, 2809-2831.	2.1	13
3	A Hybrid Evolutionary Strategy to Optimise Early-Stage Cancer Screening. , 2019, , .		0
4	Lessons from building an automated pre-departure sequencer for airports. Annals of Operations Research, 2017, 252, 435-453.	2.6	1
5	Fairness in examination timetabling: Student preferences and extended formulations. Applied Soft Computing Journal, 2017, 55, 302-318.	4.1	28
6	Combining Monte-Carlo and hyper-heuristic methods for the multi-mode resource-constrained multi-project scheduling problem. Information Sciences, 2016, 373, 476-498.	4.0	73
7	A stochastic local search algorithm with adaptive acceptance for high-school timetabling. Annals of Operations Research, 2016, 239, 135-151.	2.6	21
8	A Software Interface for Supporting the Application of Data Science to Optimisation. Lecture Notes in Computer Science, 2015, , 306-311.	1.0	3
9	Hyperion2. , 2014, , .		6
10	Heuristic generation via parameter tuning for online bin packing. , 2014, , .		8
11	Dimension reduction in the search for online bin packing policies. , 2013, , .		2
12	Generalizing Hyper-heuristics via Apprenticeship Learning. Lecture Notes in Computer Science, 2013, , 169-178.	1.0	10
13	An ensemble based Genetic Programming system to predict English football premier league games. , 2013, , .		2
14	Exploring heuristic interactions in constraint satisfaction problems: A closer look at the hyper-heuristic space. , 2013, , .		6
15	A genetic programming hyper-heuristic: Turning features into heuristics for constraint satisfaction. , 2013, , .		2
16	Batched Mode Hyper-heuristics. Lecture Notes in Computer Science, 2013, , 404-409.	1.0	9
17	Improving the performance of vector hyper-heuristics through local search. , 2012, , .		2
18	HyFlex: A Benchmark Framework for Cross-Domain Heuristic Search. Lecture Notes in Computer Science, 2012, , 136-147.	1.0	110

#	ARTICLE	IF	CITATIONS
19	The Interleaved Constructive Memetic Algorithm and its application to timetabling. Computers and Operations Research, 2012, 39, 2310-2322.	2.4	22
20	A branch-and-cut procedure for the Udine Course Timetabling problem. Annals of Operations Research, 2012, 194, 71-87.	2.6	40
21	A new model for automated examination timetabling. Annals of Operations Research, 2012, 194, 291-315.	2.6	43
22	On the idea of evolving decision matrix hyper-heuristics for solving constraint satisfaction problems. , 2011, , .		1
23	Evolutionary Squeaky Wheel Optimization: A New Framework for Analysis. Evolutionary Computation, 2011, 19, 405-428.	2.3	6
24	Policy matrix evolution for generation of heuristics. , 2011, , .		14
25	The Cross-Domain Heuristic Search Challenge – An International Research Competition. Lecture Notes in Computer Science, 2011, , 631-634.	1.0	23
26	Variable and Value Ordering Decision Matrix Hyper-heuristics: A Local Improvement Approach. Lecture Notes in Computer Science, 2011, , 125-136.	1.0	0
27	A supernodal formulation of vertex colouring with applications in course timetabling. Annals of Operations Research, 2010, 179, 105-130.	2.6	61
28	University space planning and space-type profiles. Journal of Scheduling, 2010, 13, 363-374.	1.3	5
29	Decomposition, reformulation, and diving in university course timetabling. Computers and Operations Research, 2010, 37, 582-597.	2.4	60
30	Mapping the performance of heuristics for Constraint Satisfaction. , 2010, , .		19
31	Setting the Research Agenda in Automated Timetabling: The Second International Timetabling Competition. INFORMS Journal on Computing, 2010, 22, 120-130.	1.0	171
32	An investigation of fuzzy multiple heuristic orderings in the construction of university examination timetables. Computers and Operations Research, 2009, 36, 981-1001.	2.4	42
33	Penalising Patterns in Timetables: Novel Integer Programming Formulations. , 2008, , 409-414.		17
34	The Teaching Space Allocation Problem with Splitting. , 2006, , 228-247.		5
35	Logic program synthesis by induction over Horn Clauses. Lecture Notes in Computer Science, 1996, , 170-170.	1.0	0
36	Twisting the N=2 string. Physical Review D, 1995, 51, 2872-2890.	1.6	6

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37	On N = 2 strings and classical scattering solutions of self-dual Yang-Mills in (2,2) space-time. Nuclear Physics B, 1992, 376, 279-296.	0.9	7
38	A cubic action for self-dual Yang-Mills. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 265-270.	1.5	67
39	On covariant multi-loop superstring amplitudes. Nuclear Physics B, 1990, 332, 39-82.	0.9	34
40	Progress in Multi-Genus Calculations for the Spinning String. NATO ASI Series Series B: Physics, 1990, , 445-454.	0.2	0
41	The two loop superstring vacuum amplitude and canonical divisors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 217, 458-462.	1.5	14
42	On the vanishing of the genus two superstring vacuum amplitude. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 202, 75-80.	1.5	29
43	Two-loop modular invariance and spin-statistics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 184, 19-22.	1.5	26