

Andrew J Parkes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6629015/publications.pdf>

Version: 2024-02-01

43
papers

1,026
citations

516215

16
h-index

476904

29
g-index

46
all docs

46
docs citations

46
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Setting the Research Agenda in Automated Timetabling: The Second International Timetabling Competition. <i>INFORMS Journal on Computing</i> , 2010, 22, 120-130.	1.0	171
2	HyFlex: A Benchmark Framework for Cross-Domain Heuristic Search. <i>Lecture Notes in Computer Science</i> , 2012, , 136-147.	1.0	110
3	Combining Monte-Carlo and hyper-heuristic methods for the multi-mode resource-constrained multi-project scheduling problem. <i>Information Sciences</i> , 2016, 373, 476-498.	4.0	73
4	A cubic action for self-dual Yang-Mills. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 286, 265-270.	1.5	67
5	A supernodal formulation of vertex colouring with Applications in course timetabling. <i>Annals of Operations Research</i> , 2010, 179, 105-130.	2.6	61
6	Decomposition, reformulation, and diving in university course timetabling. <i>Computers and Operations Research</i> , 2010, 37, 582-597.	2.4	60
7	A new model for automated examination timetabling. <i>Annals of Operations Research</i> , 2012, 194, 291-315.	2.6	43
8	An investigation of fuzzy multiple heuristic orderings in the construction of university examination timetables. <i>Computers and Operations Research</i> , 2009, 36, 981-1001.	2.4	42
9	A branch-and-cut procedure for the Udine Course Timetabling problem. <i>Annals of Operations Research</i> , 2012, 194, 71-87.	2.6	40
10	On covariant multi-loop superstring amplitudes. <i>Nuclear Physics B</i> , 1990, 332, 39-82.	0.9	34
11	On the vanishing of the genus two superstring vacuum amplitude. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 202, 75-80.	1.5	29
12	Fairness in examination timetabling: Student preferences and extended formulations. <i>Applied Soft Computing Journal</i> , 2017, 55, 302-318.	4.1	28
13	Two-loop modular invariance and spin-statistics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 184, 19-22.	1.5	26
14	The Cross-Domain Heuristic Search Challenge – An International Research Competition. <i>Lecture Notes in Computer Science</i> , 2011, , 631-634.	1.0	23
15	The Interleaved Constructive Memetic Algorithm and its application to timetabling. <i>Computers and Operations Research</i> , 2012, 39, 2310-2322.	2.4	22
16	A stochastic local search algorithm with adaptive acceptance for high-school timetabling. <i>Annals of Operations Research</i> , 2016, 239, 135-151.	2.6	21
17	Mapping the performance of heuristics for Constraint Satisfaction. , 2010, , .		19
18	Penalising Patterns in Timetables: Novel Integer Programming Formulations. , 2008, , 409-414.		17

#	ARTICLE	IF	CITATIONS
19	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
20	Policy matrix evolution for generation of heuristics. , 2011, , .		14
21	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
22	Generalizing Hyper-heuristics via Apprenticeship Learning. Lecture Notes in Computer Science, 2013, , 169-178.	1.0	10
23	Batched Mode Hyper-heuristics. Lecture Notes in Computer Science, 2013, , 404-409.	1.0	9
24	Heuristic generation via parameter tuning for online bin packing. , 2014, , .		8
25	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
26	Twisting the N=2 string. Physical Review D, 1995, 51, 2872-2890.	1.6	6
27	Evolutionary Squeaky Wheel Optimization: A New Framework for Analysis. Evolutionary Computation, 2011, 19, 405-428.	2.3	6
28	Exploring heuristic interactions in constraint satisfaction problems: A closer look at the hyper-heuristic space. , 2013, , .		6
29	Hyperion2. , 2014, , .		6
30	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
31	University space planning and space-type profiles. Journal of Scheduling, 2010, 13, 363-374.	1.3	5
32	The Teaching Space Allocation Problem with Splitting. , 2006, , 228-247.		5
33	A Software Interface for Supporting the Application of Data Science to Optimisation. Lecture Notes in Computer Science, 2015, , 306-311.	1.0	3
34	Improving the performance of vector hyper-heuristics through local search. , 2012, , .		2
35	Dimension reduction in the search for online bin packing policies. , 2013, , .		2
36	An ensemble based Genetic Programming system to predict English football premier league games. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
37	A genetic programming hyper-heuristic: Turning features into heuristics for constraint satisfaction. , 2013, , .		2
38	On the idea of evolving decision matrix hyper-heuristics for solving constraint satisfaction problems. , 2011, , .		1
39	Lessons from building an automated pre-departure sequencer for airports. Annals of Operations Research, 2017, 252, 435-453.	2.6	1
40	A Hybrid Evolutionary Strategy to Optimise Early-Stage Cancer Screening. , 2019, , .		0
41	Variable and Value Ordering Decision Matrix Hyper-heuristics: A Local Improvement Approach. Lecture Notes in Computer Science, 2011, , 125-136.	1.0	0
42	Progress in Multi-Genus Calculations for the Spinning String. NATO ASI Series Series B: Physics, 1990, , 445-454.	0.2	0
43	Logic program synthesis by induction over Horn Clauses. Lecture Notes in Computer Science, 1996, , 170-170.	1.0	0