

# Xin-She Yang

## 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.

364  
papers

28,607  
citations

64  
h-index

167  
g-index

385  
ext. papers

34,050  
ext. citations

2.8  
avg, IF

8.4  
L-index

#	Paper	IF	Citations
364	A binary PSO-based ensemble under-sampling model for rebalancing imbalanced training data. <i>Journal of Supercomputing</i> , <b>2022</b> , 78, 7428	2.5	6
363	An elitism-based multi-objective evolutionary algorithm for min-cost network disintegration. <i>Knowledge-Based Systems</i> , <b>2022</b> , 239, 107944	7.3	1
362	Firefly Algorithms <b>2021</b> , 123-139		1
361	Particle Swarm Optimization <b>2021</b> , 111-121		7
360	Bat Algorithms <b>2021</b> , 157-173		9
359	Introduction to Algorithms <b>2021</b> , 1-22		
358	Multi-Objective Optimization <b>2021</b> , 221-237		0
357	Random Walks and Optimization <b>2021</b> , 63-81		
356	Optimum Design of Tuned Mass Dampers for Adjacent Structures via Flower Pollination Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 105-115	0.9	
355	Applied Optimization and Swarm Intelligence: A Systematic Review and Prospect Opportunities. <i>Springer Tracts in Nature-inspired Computing</i> , <b>2021</b> , 1-23	1.8	3
354	Analysis of Algorithms <b>2021</b> , 39-61		0
353	Data Mining and Deep Learning <b>2021</b> , 239-258		3
352	Social Algorithms and Optimization <b>2021</b> , 1637-1659		
351	Soccer-Inspired Metaheuristics: Systematic Review of Recent Research and Applications. <i>Springer Tracts in Nature-inspired Computing</i> , <b>2021</b> , 81-102	1.8	5
350	Swarm and Stochastic Computing for Global Optimization <b>2021</b> , 469-487		
349	Flower pollination algorithm parameters tuning. <i>Soft Computing</i> , <b>2021</b> , 25, 1-19	3.5	5
348	A Framework for Self-Tuning Algorithms <b>2021</b> , 197-205		

347	Cuckoo Search <b>2021</b> , 141-155		1
346	Flower Pollination Algorithms <b>2021</b> , 175-195		1
345	White learning methodology: A case study of cancer-related disease factors analysis in real-time PACS environment. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 197, 105724	6.9	2
344	A nature-inspired feature selection approach based on hypercomplex information. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 94, 106453	7.5	2
343	Nature-inspired optimization algorithms: Challenges and open problems. <i>Journal of Computational Science</i> , <b>2020</b> , 46, 101104	3.4	9 <sup>1</sup>
342	Influence of initialization on the performance of metaheuristic optimizers. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 91, 106193	7.5	2 <sup>1</sup>
341	Fusing wearable and remote sensing data streams by fast incremental learning with swarm decision table for human activity recognition. <i>Information Fusion</i> , <b>2020</b> , 60, 41-64	16.7	13
34 <sup>0</sup>	Is the Vehicle Routing Problem Dead? An Overview Through Bioinspired Perspective and a Prospect of Opportunities. <i>Springer Tracts in Nature-inspired Computing</i> , <b>2020</b> , 57-84	1.8	10
339	Navigation, Routing and Nature-Inspired Optimization. <i>Springer Tracts in Nature-inspired Computing</i> , <b>2020</b> , 1-17	1.8	
338	Mathematical framework for algorithm analysis <b>2020</b> , 89-108		1
337	Bat Algorithm <b>2020</b> , 43-53		5
336	Cuckoo Search Algorithm <b>2020</b> , 109-120		
335	COEBA: A Coevolutionary Bat Algorithm for Discrete Evolutionary Multitasking. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 244-256	0.9	5
334	Firefly Algorithm and Its Variants in Digital Image Processing: A Comprehensive Review. <i>Springer Tracts in Nature-inspired Computing</i> , <b>2020</b> , 1-28	1.8	10
333	Nature-inspired computation and swarm intelligence: a state-of-the-art overview <b>2020</b> , 3-18		13
332	Bat algorithm and cuckoo search algorithm <b>2020</b> , 19-34		1
331	Firefly algorithm and flower pollination algorithm <b>2020</b> , 35-48		3
33 <sup>0</sup>	Traveling salesman problem: a perspective review of recent research and new results with bio-inspired metaheuristics <b>2020</b> , 135-164		9

329	Community detection in networks using bio-inspired optimization: Latest developments, new results and perspectives with a selection of recent meta-heuristics. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 87, 106010	7.5	37
328	Data-Driven Optimization for Transportation Logistics and Smart Mobility Applications [Guest Editorial]. <i>IEEE Intelligent Transportation Systems Magazine</i> , <b>2020</b> , 12, 6-9	2.6	2
327	Neighborhood information-based probabilistic algorithm for network disintegration. <i>Expert Systems With Applications</i> , <b>2020</b> , 139, 112853	7.8	6
326	Atomic Scheduling of Appliance Energy Consumption in Residential Smart Grids. <i>Energies</i> , <b>2019</b> , 12, 3666	5.1	2
325	Enhancing Security of MME Handover via Fractional Programming and Firefly Algorithm. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 6206-6220	6.9	5
324	White Learning: A White-Box Data Fusion Machine Learning Framework for Extreme and Fast Automated Cancer Diagnosis. <i>IT Professional</i> , <b>2019</b> , 21, 71-77	1.9	4
323	Optimization algorithms <b>2019</b> , 45-65		1
322	Comparison of Constraint-Handling Techniques for Metaheuristic Optimization. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 357-366	0.9	4
321	Mathematical Foundations of Nature-Inspired Algorithms. <i>SpringerBriefs in Optimization</i> , <b>2019</b> ,	0.5	14
320	Mathematical Analysis of Algorithms: Part II. <i>SpringerBriefs in Optimization</i> , <b>2019</b> , 75-86	0.5	
319	Applications of Nature-Inspired Algorithms. <i>SpringerBriefs in Optimization</i> , <b>2019</b> , 87-97	0.5	2
318	Introduction to Optimization. <i>SpringerBriefs in Optimization</i> , <b>2019</b> , 1-20	0.5	
317	Nature-Inspired Algorithms. <i>SpringerBriefs in Optimization</i> , <b>2019</b> , 21-40	0.5	0
316	Mathematical Analysis of Algorithms: Part I. <i>SpringerBriefs in Optimization</i> , <b>2019</b> , 59-73	0.5	2
315	Bio-inspired computation: Where we stand and what's next. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 48, 220-250	9.8	264
314	Improved Tabu Search and Simulated Annealing methods for nonlinear data assimilation. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 83, 105624	7.5	4
313	Social Algorithms and Optimization <b>2019</b> , 1-23		
312	Comparison of bio-inspired algorithms applied to the coordination of mobile robots considering the energy consumption. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 263-286	4.8	21

311	Optimization in Civil Engineering and Metaheuristic Algorithms: A Review of State-of-the-Art Developments <b>2019</b> , 111-137		15
310	Attraction and diffusion in nature-inspired optimization algorithms. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 1987-1994	4.8	13
309	A Discrete and Improved Bat Algorithm for solving a medical goods distribution problem with pharmacological waste collection. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 44, 273-286	9.8	80
308	Discussion of Estimation of Reference Evapotranspiration Using Neural Networks and Cuckoo Search Algorithm by Shahaboddin Shamshirband, Mohsen Amirmojahedi, Milan Goci, Shatirah Akib, Dalibor Petković, Jamshid Piri, and Slavisa Trajkovic. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 07017023	1.1	
307	A novel bat algorithm based optimum tuning of mass dampers for improving the seismic safety of structures. <i>Engineering Structures</i> , <b>2018</b> , 159, 89-98	4.7	63
306	Reliability-based design optimization using the directional bat algorithm. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 2381-2402	4.8	15
305	Handling dropout probability estimation in convolution neural networks using meta-heuristics. <i>Soft Computing</i> , <b>2018</b> , 22, 6147-6156	3.5	34
304	Mathematical Analysis of Nature-Inspired Algorithms. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 1-25	0.8	10
303	Why the Firefly Algorithm Works?. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 245-259	0.8	11
302	A Comprehensive Review of the Flower Pollination Algorithm for Solving Engineering Problems. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 171-188	0.8	18
301	Global Convergence Analysis of Cuckoo Search Using Markov Theory. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 53-67	0.8	8
300	On Efficiently Solving the Vehicle Routing Problem with Time Windows Using the Bat Algorithm with Random Reinsertion Operators. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 69-89	0.8	9
299	On the Hypercomplex-Based Search Spaces for Optimization Purposes. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 119-147	0.8	1
298	Variants of the Flower Pollination Algorithm: A Review. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 91-118		43
297	Bat Algorithm and Directional Bat Algorithm with Case Studies. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 189-216	0.8	6
296	Swarm intelligence: past, present and future. <i>Soft Computing</i> , <b>2018</b> , 22, 5923-5933	3.5	54
295	Swarm robotics in wireless distributed protocol design for coordinating robots involved in cooperative tasks. <i>Soft Computing</i> , <b>2018</b> , 22, 4251-4266	3.5	15
294	Multi-species Cuckoo Search Algorithm for Global Optimization. <i>Cognitive Computation</i> , <b>2018</b> , 10, 1085-1095	1.1	25

293	Global convergence analysis of the bat algorithm using a markovian framework and dynamical system theory. <i>Expert Systems With Applications</i> , <b>2018</b> , 114, 173-182	7.8	30
292	Social Algorithms <b>2018</b> , 549-563		2
291	How Meta-heuristic Algorithms Contribute to Deep Learning in the Hype of Big Data Analytics. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 3-25	0.4	20
290	Bat-inspired algorithms with natural selection mechanisms for global optimization. <i>Neurocomputing</i> , <b>2018</b> , 273, 448-465	5.4	58
289	Optimal capacitor placement in radial distribution systems using flower pollination algorithm. <i>AEJ - Alexandria Engineering Journal</i> , <b>2018</b> , 57, 2775-2786	6.1	54
288	Machine Learning Algorithms <b>2018</b> , 199-226		1
287	Mathematical Foundations <b>2018</b> , 1-36		
286	Multiobjective Optimization <b>2018</b> , 249-267		
285	Constraint-Handling Techniques <b>2018</b> , 269-278		
284	Evolutionary Algorithms <b>2018</b> , 279-295		
283	Nature-Inspired Algorithms <b>2018</b> , 297-321		2
282	Self-adaptive decision-making mechanisms to balance the execution of multiple tasks for a multi-robots team. <i>Neurocomputing</i> , <b>2018</b> , 306, 17-36	5.4	17
281	Metaheuristic Optimization of Reinforced Concrete Footings. <i>KSCE Journal of Civil Engineering</i> , <b>2018</b> , 22, 4555-4563	1.9	12
280	<b>2018</b> ,		21
279	A discrete firefly algorithm to solve a rich vehicle routing problem modelling a newspaper distribution system with recycling policy. <i>Soft Computing</i> , <b>2017</b> , 21, 5295-5308	3.5	87
278	Randomly attracted firefly algorithm with neighborhood search and dynamic parameter adjustment mechanism. <i>Soft Computing</i> , <b>2017</b> , 21, 5325-5339	3.5	69
277	Metaheuristic Based Optimization for Tuned Mass Dampers Using Frequency Domain Responses. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 271-279	0.4	7
276	<b>2017</b> ,		1

275	Global Convergence Analysis of the Flower Pollination Algorithm: A Discrete-Time Markov Chain Approach. <i>Procedia Computer Science</i> , <b>2017</b> , 108, 1354-1363	1.6	42
274	On the Handover Security Key Update and Residence Management in LTE Networks <b>2017</b> ,		2
273	Multimodal Function Optimization Using an Improved Bat Algorithm in Noise-Free and Noisy Environments. <i>Modeling and Optimization in Science and Technologies</i> , <b>2017</b> , 29-49	0.6	
272	Quaternionic Flower Pollination Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 47-58	0.9	1
271	Quaternion-based Deep Belief Networks fine-tuning. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 60, 328-335	7.5	21
270	New directional bat algorithm for continuous optimization problems. <i>Expert Systems With Applications</i> , <b>2017</b> , 69, 159-175	7.8	166
269	Nature-Inspired Computation: An Unconventional Approach to Optimization. <i>Emergence, Complexity and Computation</i> , <b>2017</b> , 543-560	0.1	
268	Cuckoo search: State-of-the-art and opportunities <b>2017</b> ,		5
267	Optimum Tuning of Mass Dampers by Using a Hybrid Method Using Harmony Search and Flower Pollination Algorithm. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 222-231	0.4	20
266	My flight artificial bee colony algorithm. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2652-2670	2.3	56
265	On the Harmony Search Using Quaternions. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 126-137	0.9	6
264	From Swarm Intelligence to Metaheuristics: Nature-Inspired Optimization Algorithms. <i>Computer</i> , <b>2016</b> , 49, 52-59	1.6	43
263	Swarm Intelligence: Today and Tomorrow <b>2016</b> ,		3
262	EEG-based person identification through Binary Flower Pollination Algorithm. <i>Expert Systems With Applications</i> , <b>2016</b> , 62, 81-90	7.8	95
261	Review and Applications of Metaheuristic Algorithms in Civil Engineering. <i>Modeling and Optimization in Science and Technologies</i> , <b>2016</b> , 1-24	0.6	10
260	Application of the Flower Pollination Algorithm in Structural Engineering. <i>Modeling and Optimization in Science and Technologies</i> , <b>2016</b> , 25-42	0.6	27
259	Nature-Inspired Optimization Algorithms in Engineering: Overview and Applications. <i>Studies in Computational Intelligence</i> , <b>2016</b> , 1-20	0.8	16
258	Parameterless Bat Algorithm and Its Performance Study. <i>Studies in Computational Intelligence</i> , <b>2016</b> , 267-276	0.8	10

257	Cuckoo Search: From Cuckoo Reproduction Strategy to Combinatorial Optimization. <i>Studies in Computational Intelligence</i> , <b>2016</b> , 91-110	0.8	4
256	Economic dispatch using chaotic bat algorithm. <i>Energy</i> , <b>2016</b> , 96, 666-675	7.9	201
255	Optimum Reinforced Concrete Design by Harmony Search Algorithm. <i>Modeling and Optimization in Science and Technologies</i> , <b>2016</b> , 165-180	0.6	3
254	Stochastic Decision-Making in Waste Management Using a Firefly Algorithm-Driven Simulation-Optimization Approach for Generating Alternatives. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2016</b> , 299-323	0.2	4
253	A Novel Approach for Multispectral Satellite Image Classification Based on the Bat Algorithm. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2016</b> , 13, 599-603	4.1	62
252	Hybrid local diffusion maps and improved cuckoo search algorithm for multiclass dataset analysis. <i>Neurocomputing</i> , <b>2016</b> , 189, 106-116	5.4	17
251	An improved discrete bat algorithm for symmetric and asymmetric Traveling Salesman Problems. <i>Engineering Applications of Artificial Intelligence</i> , <b>2016</b> , 48, 59-71	7.2	199
250	A new hybrid method based on krill herd and cuckoo search for global optimisation tasks. <i>International Journal of Bio-Inspired Computation</i> , <b>2016</b> , 8, 286	2.9	6
249	An Evolutionary Discrete Firefly Algorithm with Novel Operators for Solving the Vehicle Routing Problem with Time Windows. <i>Studies in Computational Intelligence</i> , <b>2016</b> , 21-41	0.8	20
248	Learning Parameters in Deep Belief Networks Through Firefly Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 138-149	0.9	17
247	A Novel Hybrid Firefly Algorithm for Global Optimization. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163230	3.7	76
246	Mathematical analysis of energy efficiency optimality in multi-user OFDM systems. <i>Wireless Communications and Mobile Computing</i> , <b>2016</b> , 16, 252-263	1.9	1
245	Convolutional Neural Networks Applied for Parkinson's Disease Identification. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 377-390	0.9	21
244	A Physarum-inspired approach to supply chain network design. <i>Science China Information Sciences</i> , <b>2016</b> , 59, 1	3.4	23
243	Optimum design of frame structures using the Eagle Strategy with Differential Evolution. <i>Engineering Structures</i> , <b>2015</b> , 91, 16-25	4.7	42
242	Color Image Segmentation By Cuckoo Search. <i>Intelligent Automation and Soft Computing</i> , <b>2015</b> , 21, 673-685		13
241	Binary Flower Pollination Algorithm and Its Application to Feature Selection. <i>Studies in Computational Intelligence</i> , <b>2015</b> , 85-100	0.8	50
240	Bio-Inspired Computation and Optimization <b>2015</b> , 1-21		9



239	Bio-Inspired Approaches in Telecommunications <b>2015</b> , 23-42		2
238	Sizing optimization of truss structures using flower pollination algorithm. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 37, 322-331	7.5	120
237	Modified bat algorithm with quaternion representation <b>2015</b> ,		11
236	Random-key cuckoo search for the travelling salesman problem. <i>Soft Computing</i> , <b>2015</b> , 19, 1099-1106	3.5	48
235	Planning the sports training sessions with the bat algorithm. <i>Neurocomputing</i> , <b>2015</b> , 149, 993-1002	5.4	86
234	A biologically inspired network design model. <i>Scientific Reports</i> , <b>2015</b> , 5, 10794	4.9	23
233	Information Analysis of High-Dimensional Data and Applications. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-2	1.1	2
232	Adaptation and Hybridization in Nature-Inspired Algorithms. <i>Adaptation, Learning, and Optimization</i> , <b>2015</b> , 3-50	0.7	24
231	Solutions of Non-smooth Economic Dispatch Problems by Swarm Intelligence. <i>Adaptation, Learning, and Optimization</i> , <b>2015</b> , 129-146	0.7	7
230	Navigability analysis of magnetic map with projecting pursuit-based selection method by using firefly algorithm. <i>Neurocomputing</i> , <b>2015</b> , 159, 288-297	5.4	27
229	Nature-Inspired Algorithms: Success and Challenges. <i>Computational Methods in Applied Sciences (Springer)</i> , <b>2015</b> , 129-143	0.4	7
228	A short discussion about Economic optimization design of shell-and-tube heat exchangers by a cuckoo-search-algorithm <i>Applied Thermal Engineering</i> , <b>2015</b> , 76, 535-537	5.8	8
227	Swarm Intelligence and Evolutionary Computation: Overview and Analysis. <i>Studies in Computational Intelligence</i> , <b>2015</b> , 1-23	0.8	13
226	Discrete Cuckoo Search Applied to Job Shop Scheduling Problem. <i>Studies in Computational Intelligence</i> , <b>2015</b> , 121-137	0.8	2
225	A heuristic optimization method inspired by wolf preying behavior. <i>Neural Computing and Applications</i> , <b>2015</b> , 26, 1725-1738	4.8	28
224	Hybrid Metaheuristic Algorithms: Past, Present, and Future. <i>Studies in Computational Intelligence</i> , <b>2015</b> , 71-83	0.8	44
223	Cuckoo Search for Optimization and Computational Intelligence <b>2015</b> , 133-142		4
222	Analysis of Firefly Algorithms and Automatic Parameter Tuning. <i>Advances in Computational Intelligence and Robotics Book Series</i> , <b>2015</b> , 36-49	0.4	7

221	Synthesizing Cross-Ambiguity Functions Using the Improved Bat Algorithm. <i>Studies in Computational Intelligence</i> , <b>2015</b> , 179-202	0.8	1
220	Swarm intelligence based algorithms: a critical analysis. <i>Evolutionary Intelligence</i> , <b>2014</b> , 7, 17-28	1.7	108
219	An empirical study of test effort estimation based on bat algorithm. <i>International Journal of Bio-Inspired Computation</i> , <b>2014</b> , 6, 57	2.9	14
218	Improved cuckoo search algorithm for hybrid flow shop scheduling problems to minimize makespan. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 19, 93-101	7.5	134
217	Mathematical modelling and parameter optimization of pulsating heat pipes. <i>Journal of Computational Science</i> , <b>2014</b> , 5, 119-125	3.4	12
216	Cuckoo Search <b>2014</b> , 129-139		15
215	Multi-Objective Optimization <b>2014</b> , 197-211		13
214	Other Algorithms and Hybrid Algorithms <b>2014</b> , 213-226		4
213	Bat Algorithms <b>2014</b> , 141-154		65
212	Cuckoo Search and Firefly Algorithm: Overview and Analysis. <i>Studies in Computational Intelligence</i> , <b>2014</b> , 1-26	0.8	40
211	Improved and Discrete Cuckoo Search for Solving the Travelling Salesman Problem. <i>Studies in Computational Intelligence</i> , <b>2014</b> , 63-84	0.8	26
210	Flower pollination algorithm: A novel approach for multiobjective optimization. <i>Engineering Optimization</i> , <b>2014</b> , 46, 1222-1237	2	377
209	Bat algorithm based on simulated annealing and Gaussian perturbations. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 459-468	4.8	38
208	Chaotic bat algorithm. <i>Journal of Computational Science</i> , <b>2014</b> , 5, 224-232	3.4	325
207	A wrapper approach for feature selection based on Bat Algorithm and Optimum-Path Forest. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 2250-2258	7.8	171
206	Firefly Algorithm: A Brief Review of the Expanding Literature. <i>Studies in Computational Intelligence</i> , <b>2014</b> , 347-360	0.8	24
205	Feature Selection in Life Science Classification: Metaheuristic Swarm Search. <i>IT Professional</i> , <b>2014</b> , 16, 24-29	1.9	39
204	Analysis of Algorithms <b>2014</b> , 23-44		11

203	A Framework for Self-Tuning Algorithms <b>2014</b> , 175-182		2
202	Analysis of quality-of-service aware orthogonal frequency division multiple access system considering energy efficiency. <i>IET Communications</i> , <b>2014</b> , 8, 1947-1954	1.3	9
201	A Discrete Firefly Algorithm for the Multi-Objective Hybrid Flowshop Scheduling Problems. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2014</b> , 18, 301-305	15.6	179
200	Particle Swarm Optimization <b>2014</b> , 99-110		10
199	Simulated Annealing <b>2014</b> , 67-75		5
198	Applications and analysis of bio-inspired eagle strategy for engineering optimization. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 411-420	4.8	7
197	Firefly Algorithms <b>2014</b> , 111-127		25
196	Large-Scale Global Optimization via Swarm Intelligence. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2014</b> , 241-253	0.2	2
195	Binary bat algorithm. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 663-681	4.8	351
194	Computational Optimization, Modelling and Simulation: Past, Present and Future. <i>Procedia Computer Science</i> , <b>2014</b> , 29, 754-758	1.6	11
193	Discrete cuckoo search algorithm for the travelling salesman problem. <i>Neural Computing and Applications</i> , <b>2014</b> , 24, 1659-1669	4.8	284
192	Cuckoo search: recent advances and applications. <i>Neural Computing and Applications</i> , <b>2014</b> , 24, 169-174	4.8	585
191	Bio-inspired computation: success and challenges of IJBIC. <i>International Journal of Bio-Inspired Computation</i> , <b>2014</b> , 6, 1	2.9	10
190	Towards the novel reasoning among particles in PSO by the use of RDF and SPARQL. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 121782	2.2	15
189	Towards enhancement of performance of K-means clustering using nature-inspired optimization algorithms. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 564829	2.2	16
188	Bat algorithm: Recent advances <b>2014</b> ,		23
187	Non-dominated sorting cuckoo search for multiobjective optimization <b>2014</b> ,		6
186	Oil supply between OPEC and non-OPEC based on game theory. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 2127-2132	2.3	3

185	A firefly-inspired method for protein structure prediction in lattice models. <i>Biomolecules</i> , <b>2014</b> , 4, 56-75	5.9	18
184	A novel improved accelerated particle swarm optimization algorithm for global numerical optimization. <i>Engineering Computations</i> , <b>2014</b> , 31, 1198-1220	1.4	102
183	Discrete Cuckoo Search algorithm for job shop scheduling problem <b>2014</b> ,		10
182	Differential Evolution <b>2014</b> , 89-97		4
181	A bio-inspired algorithm for identification of critical components in the transportation networks. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 248, 18-27	2.7	14
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72	Appendix A: Test Problems in Optimization <b>2010</b> , 261-266		39
71	Appendix C: Glossary <b>2010</b> , 283-303		
70	A Brief History of Optimization <b>2010</b> , 1-13		1
69	Ant Algorithms <b>2010</b> , 189-196		
68	Bee Algorithms <b>2010</b> , 197-202		1
67	Harmony Search <b>2010</b> , 213-219		
66	Firefly Algorithm <b>2010</b> , 221-230		64
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64	Mathematical Foundations <b>2010</b> , 29-59		
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15	Modeling Temperature for Pricing Weather Derivatives 257-284		
14	Inverse Problems in ODEs 151-167		
13	Industrial Mathematics with Applications 81-122		
12	Linear and Nonlinear Parabolic Partial Differential Equations in Financial Engineering 191-228		
11	Decision Theory under Risk and Applications in Social Sciences: I. Individual Decision Making 285-306		
10	Estimation of Model Parameters 169-190		2
9	Decision Theory under Risk and Applications in Social Sciences: II. Game Theory 421-447		
8	Control Problems on Differential Equations 449-470		
7	Decision Modeling in Supply Chain Management 229-255		
6	Fractals, with Applications to Signal and Image Modeling 307-328		1

5	Efficient Numerical Methods for Singularly Perturbed Differential Equations329-354	1
4	Fractional Calculus and its Applications355-396	1
3	Markov-Jump Stochastic Models for Tropical Convection471-523	2
2	Teaching Mathematical Modeling in Teacher Education: Efforts and Results57-80	3
1	Binary and Ordinal Data Analysis in Economics: Modeling and Estimation123-150	1