

Landscapes and their correlation functions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cognitive science. <i>Metascience</i> , 1996, 5, 95-166.	0.1	1
2	Correlation length, isotropy and meta-stable states. <i>Physica D: Nonlinear Phenomena</i> , 1997, 107, 240-254.	1.3	29
3	Genetic measurement theory of epistatic effects. <i>Genetica</i> , 1998, 102/103, 569-580.	0.5	58
4	Amplitude Spectra of Fitness Landscapes. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 1998, 01, 39-66.	0.9	41
5	Metastable states in short-ranged p-spin glasses. <i>Journal of Physics A</i> , 1999, 32, 8793-8802.	1.6	13
6	Random field models for fitness landscapes. <i>Journal of Mathematical Biology</i> , 1999, 38, 435-478.	0.8	60
7	Fitness landscapes arising from the sequence-structure maps of biopolymers. <i>Computational and Theoretical Chemistry</i> , 1999, 463, 7-19.	1.5	19
8	Population Dependent Fourier Decomposition of Fitness Landscapes over Recombination Spaces: Evolvability of Complex Characters. <i>Bulletin of Mathematical Biology</i> , 2000, 62, 399-428.	0.9	34
9	Principles in the Evolutionary Design of Digital Circuits—Part II. <i>Genetic Programming and Evolvable Machines</i> , 2000, 1, 259-288.	1.5	162
10	Asymmetry of Configuration Space Induced by Unequal Crossover: Implications for a Mathematical Theory of Evolutionary Innovation. <i>Artificial Life</i> , 2000, 6, 25-43.	1.0	22
11	BIOLOGICAL EVOLUTION THROUGH MUTATION, SELECTION, AND DRIFT: AN INTRODUCTORY REVIEW. , 2000, , 203-264.		48
12	Fitness Landscapes, Memetic Algorithms, and Greedy Operators for Graph Bipartitioning. <i>Evolutionary Computation</i> , 2000, 8, 61-91.	2.3	131
13	Fitness landscape analysis and memetic algorithms for the quadratic assignment problem. <i>IEEE Transactions on Evolutionary Computation</i> , 2000, 4, 337-352.	7.5	360
14	How to Detect all Maxima of a Function. <i>Natural Computing Series</i> , 2001, , 343-370.	2.2	13
15	Rational evolutionary design: The theory of in vitro protein evolution. <i>Advances in Protein Chemistry</i> , 2001, 55, 79-160.	4.4	105
16	Theoretical Aspects of Evolutionary Computing. <i>Natural Computing Series</i> , 2001, , .	2.2	41
17	Modeling Genetic Architecture: A Multilinear Theory of Gene Interaction. <i>Theoretical Population Biology</i> , 2001, 59, 61-86.	0.5	203
18	Efficiency of Local Search with Multiple Local Optima. <i>SIAM Journal on Discrete Mathematics</i> , 2001, 15, 122-141.	0.4	41

#	ARTICLE	IF	CITATIONS
19	Neutrality in fitness landscapes. <i>Applied Mathematics and Computation</i> , 2001, 117, 321-350.	1.4	89
20	What is the promise of developmental evolution? Part II: A causal explanation of evolutionary innovations may be impossible. <i>The Journal of Experimental Zoology</i> , 2001, 291, 305-309.	1.4	70
21	Four-State Quantum Chain as a Model of Sequence Evolution. <i>Journal of Statistical Physics</i> , 2001, 102, 315-343.	0.5	20
22	Evolution in Silico and in Vitro: The RNA Model. <i>Biological Chemistry</i> , 2001, 382, 1301-14.	1.2	26
23	Combinatorial Landscapes. <i>SIAM Review</i> , 2002, 44, 3-54.	4.2	201
24	Recombination Spaces, Metrics, and Pretopologies. <i>Zeitschrift Fur Physikalische Chemie</i> , 2002, 216, .	1.4	21
25	Barrier Trees of Degenerate Landscapes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2002, 216, .	1.4	130
26	From Quasispecies to Universal Grammar. <i>Zeitschrift Fur Physikalische Chemie</i> , 2002, 216, .	1.4	9
27	TO EPISTASIS AND BEYOND!1. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 852.	1.1	0
28	Fitness Landscapes and Evolvability. <i>Evolutionary Computation</i> , 2002, 10, 1-34.	2.3	139
29	Fitness landscapes. , 2002, , 183-204.		106
30	Generalized Topological Spaces in Evolutionary Theory and Combinatorial Chemistry. <i>Journal of Chemical Information and Computer Sciences</i> , 2002, 42, 577-585.	2.8	73
31	The study of epistasis based on the random walk model in fitness landscapes of schemata. , 0, , .		0
32	A testable genotype-phenotype map: modeling evolution of RNA molecules. , 2002, , 55-81.		5
33	Fast Fourier Transform for Fitness Landscapes. <i>Applied and Computational Harmonic Analysis</i> , 2002, 12, 57-76.	1.1	31
34	TO EPISTASIS AND BEYOND!. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 852-855.	1.1	2
35	Landscapes on spaces of trees. <i>Applied Mathematics and Computation</i> , 2002, 131, 439-459.	1.4	14
36	A Note on Distance Matrices Yielding Elementary Landscapes for the TSP. <i>Journal of Mathematical Chemistry</i> , 2002, 31, 233-235.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Mutation landscapes. <i>Journal of Theoretical Biology</i> , 2003, 224, 241-247.	0.8	34
38	The theory of elementary landscapes. <i>Applied Mathematics Letters</i> , 2003, 16, 337-343.	1.5	28
39	Weakly symmetric graphs, elementary landscapes, and the TSP. <i>Applied Mathematics Letters</i> , 2003, 16, 401-407.	1.5	9
40	Explanatory Optimization of Protein Mass Spectrometry via Genetic Search. <i>Analytical Chemistry</i> , 2003, 75, 6679-6686.	3.2	39
41	Metaheuristics in combinatorial optimization. <i>ACM Computing Surveys</i> , 2003, 35, 268-308.	16.1	2,445
42	Advanced Fitness Landscape Analysis and the Performance of Memetic Algorithms. <i>Evolutionary Computation</i> , 2004, 12, 303-325.	2.3	144
43	Binary Sequences With Merit Factor Greater Than $\frac{6.34}{\sqrt{n}}$. <i>IEEE Transactions on Information Theory</i> , 2004, 50, 3234-3249.	1.5	50
44	Graph Laplacians, nodal domains, and hyperplane arrangements. <i>Linear Algebra and Its Applications</i> , 2004, 390, 155-174.	0.4	22
45	Aggregation of Variables and System Decomposition: Applications to Fitness Landscape Analysis. <i>Theory in Biosciences</i> , 2004, 123, 33-68.	0.6	16
46	Simon's decomposability and fitness landscapes. <i>Theory in Biosciences</i> , 2004, 123, 139-180.	0.6	11
47	Memetic algorithms for the unconstrained binary quadratic programming problem. <i>BioSystems</i> , 2004, 78, 99-118.	0.9	77
48	Random Walks and Chemical Graph Theory. <i>Journal of Chemical Information and Computer Sciences</i> , 2004, 44, 1521-1525.	2.8	38
49	MAGMA: A Multiagent Architecture for Metaheuristics. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004, 34, 925-941.	5.5	70
50	Statistical analysis of local search landscapes. <i>Journal of the Operational Research Society</i> , 2004, 55, 687-693.	2.1	33
51	Arbitrary elementary landscapes & AR(1) processes. <i>Applied Mathematics Letters</i> , 2005, 18, 287-292.	1.5	12
52	Correlation analysis of coupled fitness landscapes. <i>Complexity</i> , 2005, 10, 41-49.	0.9	30
53	The linear ordering problem: Instances, search space analysis and algorithms. <i>Mathematical Modelling and Algorithms</i> , 2005, 3, 367-402.	0.5	28
54	Mathematical Models on RNA Evolution, Simulations In Silico, and Concepts for In Vitro Selection. , 2006, , 29-53.		0

#	ARTICLE	IF	CITATIONS
56	Characterizing warfare in red teaming. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 268-285.	5.5	39
58	Quasispecies and recombination. Theoretical Population Biology, 2006, 70, 479-485.	0.5	34
59	Complex Networks: from Graph Theory to Biology. Letters in Mathematical Physics, 2006, 78, 235-262.	0.5	68
60	The characteristic landscape equation for an AR(2) landscape. Applied Mathematics Letters, 2006, 19, 260-266.	1.5	0
61	Properties of symmetric fitness functions. , 2006, , .		1
62	Evolutionary Optimization in Spatio-temporal Fitness Landscapes. Lecture Notes in Computer Science, 2006, , 1-10.	1.0	18
63	Estimating the Degree of Neutrality in Fitness Landscapes by the Nei's Standard Genetic Distance - An Application to Evolutionary Robotics . , 0, , .		3
64	Evolutionary benefits of evolvable component integration. , 2007, , .		0
65	A memetic algorithm for the low autocorrelation binary sequence problem. , 2007, , .		10
66	Properties of Symmetric Fitness Functions. IEEE Transactions on Evolutionary Computation, 2007, 11, 743-757.	7.5	7
67	Foundations of Genetic Algorithms. Lecture Notes in Computer Science, 2007, , .	1.0	10
68	Modeling Conformational Flexibility and Evolution of Structure: RNA as an Example. Biological and Medical Physics Series, 2007, , 3-36.	0.3	1
69	On the application of linear transformations for genetic algorithms optimization. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2007, 11, 89-104.	0.7	1
71	A simple model of co-evolutionary dynamics caused by epistatic selection. Journal of Theoretical Biology, 2008, 250, 48-65.	0.8	11
72	Coupled map lattices as spatio-temporal fitness functions: Landscape measures and evolutionary optimization. Physica D: Nonlinear Phenomena, 2008, 237, 167-186.	1.3	22
73	Normalization for Genetic Algorithms With Nonsynonymously Redundant Encodings. IEEE Transactions on Evolutionary Computation, 2008, 12, 604-616.	7.5	27
74	Understand behavior and performance of Real Coded Optimization Algorithms via NK-linkage model. , 2008, , .		2
75	A stochastic 1D nearest-neighbour automaton models early development of the brown alga Ectocarpus siliculosus. Functional Plant Biology, 2008, 35, 1014.	1.1	11

#	ARTICLE	IF	CITATIONS
76	Hybrid Metaheuristics: An Introduction. <i>Studies in Computational Intelligence</i> , 2008, , 1-30.	0.7	65
77	Understanding elementary landscapes. , 2008, , .		30
79	Partial neighborhoods of elementary landscapes. , 2009, , .		12
80	Fitness landscapes and graphs. , 2009, , .		4
81	A polynomial time computation of the exact correlation structure of k-satisfiability landscapes. , 2009, , .		26
82	Random assignment problems. <i>European Journal of Operational Research</i> , 2009, 194, 1-17.	3.5	43
83	Finding low autocorrelation binary sequences with memetic algorithms. <i>Applied Soft Computing Journal</i> , 2009, 9, 1252-1262.	4.1	41
84	Quantifying ruggedness of continuous landscapes using entropy. , 2009, , .		77
85	Computer simulation of the influence of hydrogen on stressâ€‘order correlations in amorphous silicon. <i>Molecular Simulation</i> , 2009, 35, 395-404.	0.9	3
87	Elementary landscapes of frequency assignment problems. , 2010, , .		4
88	On the Hamming distance in combinatorial optimization problems on hypergraph matchings. <i>Optimization Letters</i> , 2010, 4, 609-617.	0.9	3
89	QUANTIFYING SLOW EVOLUTIONARY DYNAMICS IN RNA FITNESS LANDSCAPES. <i>Journal of Bioinformatics and Computational Biology</i> , 2010, 08, 1027-1040.	0.3	3
90	An Introduction to Fitness Landscape Analysis and Cost Models for Local Search. <i>Profiles in Operations Research</i> , 2010, , 599-623.	0.3	36
91	Tracking the Red Queen effect by estimating features of competitive co-evolutionary fitness landscapes. , 2010, , .		1
92	Fitness landscape analysis for evolutionary non-photorealistic rendering. , 2010, , .		4
93	NK landscapes, problem difficulty, and hybrid evolutionary algorithms. , 2010, , .		16
94	Design of Modern Heuristics. <i>Natural Computing Series</i> , 2011, , .	2.2	103
95	Elementary landscape decomposition of the frequency assignment problem. <i>Theoretical Computer Science</i> , 2011, 412, 6002-6019.	0.5	8

#	ARTICLE	IF	CITATIONS
96	Advanced neighborhoods and problem difficulty measures. , 2011, , .		4
97	Exact computation of the expectation curves of the bit-flip mutation using landscapes theory. , 2011, , .		8
98	A Methodology to Find the Elementary Landscape Decomposition of Combinatorial Optimization Problems. Evolutionary Computation, 2011, 19, 597-637.	2.3	31
99	Partial neighborhoods of the traveling salesman problem. , 2011, , .		1
100	Fitness landscapes and graphs. , 2012, , .		0
101	Benchmarks for maintenance scheduling problems in power generation. , 2012, , .		6
102	Maximum Satisfiability: Anatomy of the Fitness Landscape for a Hard Combinatorial Optimization Problem. IEEE Transactions on Evolutionary Computation, 2012, 16, 319-338.	7.5	44
103	An Accelerated-Limit-Crossing-Based Multilevel Algorithm for the p -Median Problem. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1187-1202.	5.5	7
104	Landscape characterization of numerical optimization problems using biased scattered data. , 2012, , .		17
105	A Comprehensive Survey on Fitness Landscape Analysis. Studies in Computational Intelligence, 2012, , 161-191.	0.7	127
106	Autocorrelation measures for the quadratic assignment problem. Applied Mathematics Letters, 2012, 25, 698-705.	1.5	33
107	An iterative local search approach based on fitness landscapes analysis for the delay-constrained multicast routing problem. Computer Communications, 2012, 35, 352-365.	3.1	5
108	Computing the moments of k -bounded pseudo-Boolean functions over Hamming spheres of arbitrary radius in polynomial time. Theoretical Computer Science, 2012, 425, 58-74.	0.5	17
109	Fitness landscape analysis for the no-wait flow-shop scheduling problem. Journal of Heuristics, 2012, 18, 25-51.	1.1	29
110	Evolutionary Computation for Dynamic Optimization Problems. Studies in Computational Intelligence, 2013, , .	0.7	41
112	Computational Intelligence in Intelligent Data Analysis. Studies in Computational Intelligence, 2013, , .	0.7	3
113	Elementary landscape decomposition of the 0-1 unconstrained quadratic optimization. Journal of Heuristics, 2013, 19, 711-728.	1.1	9
114	Quantitative analyses of empirical fitness landscapes. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P01005.	0.9	183

#	ARTICLE	IF	CITATIONS
115	Exact results for amplitude spectra of fitness landscapes. <i>Journal of Theoretical Biology</i> , 2013, 332, 218-227.	0.8	42
116	Application of graph-theoretic approaches to the random landscapes of the three-dimensional assignment problem. <i>Optimization Letters</i> , 2013, 7, 79-87.	0.9	1
117	Fitness landscapes and graphs. , 2013, , .		3
118	Problem understanding through landscape theory. , 2013, , .		2
119	From fitness landscape to crossover operator choice. , 2014, , .		6
120	Searching the Hyper-heuristic Design Space. <i>Cognitive Computation</i> , 2014, 6, 66-73.	3.6	35
121	Theory and Principled Methods for the Design of Metaheuristics. <i>Natural Computing Series</i> , 2014, , .	2.2	16
122	On the Landscape of Combinatorial Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2014, 18, 420-434.	7.5	56
123	The component model for elementary landscapes and partial neighborhoods. <i>Theoretical Computer Science</i> , 2014, 545, 59-75.	0.5	2
124	Agent-based Evolutionary Computing for Difficult Discrete Problems. <i>Procedia Computer Science</i> , 2014, 29, 1039-1047.	1.2	8
125	Analysis of adaptive walks on NK fitness landscapes with different interaction schemes. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P06014.	0.9	27
126	Anatomy of the fitness landscape for dense graph-colouring problem. <i>Swarm and Evolutionary Computation</i> , 2015, 22, 47-65.	4.5	23
127	Quadratic assignment problem: a landscape analysis. <i>Evolutionary Intelligence</i> , 2015, 8, 165-184.	2.3	22
128	Strategy To Discover Diverse Optimal Molecules in the Small Molecule Universe. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 529-537.	2.5	57
129	A novel optimization hardness indicator based on the relationship between optimization hardness and frequency features of real-parameter problems. <i>Soft Computing</i> , 2015, 19, 2287-2303.	2.1	2
131	Algorithm selection for black-box continuous optimization problems: A survey on methods and challenges. <i>Information Sciences</i> , 2015, 317, 224-245.	4.0	150
132	Predicting Heuristic Search Performance with PageRank Centrality in Local Optima Networks. , 2015, , .		10
133	Advances in Artificial Intelligence. <i>Lecture Notes in Computer Science</i> , 2015, , .	1.0	2

#	ARTICLE	IF	CITATIONS
134	Multi-objectivising the Quadratic Assignment Problem by Means of an Elementary Landscape Decomposition. Lecture Notes in Computer Science, 2015, , 289-300.	1.0	3
135	Exploratory Landscape Analysis of Continuous Space Optimization Problems Using Information Content. IEEE Transactions on Evolutionary Computation, 2015, 19, 74-87.	7.5	107
136	Principled Evolutionary Algorithm search operator design and the kernel trick. , 2016, , .		2
137	Measuring epistasis in fitness landscapes: The correlation of fitness effects of mutations. Journal of Theoretical Biology, 2016, 396, 132-143.	0.8	55
138	Investigating the correlation between indicators of predictive diagnostic optimisation and search result quality. Information Sciences, 2016, 372, 162-180.	4.0	2
139	An Analysis of the Fitness Landscape of Travelling Salesman Problem. Evolutionary Computation, 2016, 24, 347-384.	2.3	24
140	Identifying Features of Fitness Landscapes and Relating Them to Problem Difficulty. Evolutionary Computation, 2017, 25, 407-437.	2.3	17
141	Analysing and characterising optimization problems using length scale. Soft Computing, 2017, 21, 1735-1752.	2.1	15
142	Analysing the fitness landscape of search-based software testing problems. Automated Software Engineering, 2017, 24, 603-621.	2.2	35
143	Low-autocorrelation binary sequences: On improved merit factors and runtime predictions to achieve them. Applied Soft Computing Journal, 2017, 56, 262-285.	4.1	12
144	Dynamic landscape models of coevolutionary games. BioSystems, 2017, 153-154, 26-44.	0.9	16
145	Selection Limits to Adaptive Walks on Correlated Landscapes. Genetics, 2017, 205, 803-825.	1.2	12
146	Shaping communities of local optima by perturbation strength. , 2017, , .		4
147	Universality Classes of Interaction Structures for NK Fitness Landscapes. Journal of Statistical Physics, 2018, 172, 226-278.	0.5	32
148	The Influence of Higher-Order Epistasis on Biological Fitness Landscape Topography. Journal of Statistical Physics, 2018, 172, 208-225.	0.5	64
149	Scale-invariance of ruggedness measures in fractal fitness landscapes. International Journal of Parallel, Emergent and Distributed Systems, 2018, 33, 460-473.	0.7	1
150	Impact of objective bandwidth and frequency sampling density on search landscape structure and search performance in design optimization of optical structures. Journal of Optics (United Kingdom), 2018, 20, 115002.	1.0	0
151	Evolutionary constraints in fitness landscapes. Heredity, 2018, 121, 466-481.	1.2	26

#	ARTICLE	IF	CITATIONS
152	Blue-Noise Sampling on Graphs. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 554-569.	1.6	21
153	Random walk's correlation function for multi-objective NK landscapes and quadratic assignment problem. Journal of Combinatorial Optimization, 2019, 38, 1213-1262.	0.8	0
154	Stochastic tunneling across fitness valleys can give rise to a logarithmic long-term fitness trajectory. Science Advances, 2019, 5, eaav3842.	4.7	18
155	A Fitness Landscape Analysis for the No-Wait Flow Shop Scheduling Problem With Factorial Representation. IEEE Access, 2019, 7, 21032-21047.	2.6	5
156	Cellular processing algorithm for the vertex bisection problem: Detailed analysis and new component design. Information Sciences, 2019, 478, 62-82.	4.0	6
157	Quantitative measure of nonconvexity for black-box continuous functions. Information Sciences, 2019, 476, 64-82.	4.0	7
158	Multi-Objectivising Combinatorial Optimisation Problems by Means of Elementary Landscape Decompositions. Evolutionary Computation, 2019, 27, 291-311.	2.3	6
159	Average Fitness Differences on NK Landscapes. Theory in Biosciences, 2020, 139, 1-7.	0.6	5
160	How to exploit fitness landscape properties of timetabling problem: A new operator for quantum evolutionary algorithm. Expert Systems With Applications, 2021, 168, 114211.	4.4	5
161	Automated Design of Deep Neural Networks. ACM Computing Surveys, 2022, 54, 1-37.	16.1	27
162	On the symmetry of the quadratic assignment problem through elementary landscape decomposition. , 2021, , .		3
163	Metaheuristics for the Minimum Gap Graph Partitioning Problem. Computers and Operations Research, 2021, 132, 105301.	2.4	9
164	A probabilistic analysis of neighborhoods for combinatorial optimization problems and its application. Journal of Heuristics, 2021, 27, 1057.	1.1	0
166	Landscape State Machines: Tools for Evolutionary Algorithm Performance Analyses and Landscape/Algorithm Mapping. Lecture Notes in Computer Science, 2003, , 187-198.	1.0	6
167	Search Space Analysis of the Linear Ordering Problem. Lecture Notes in Computer Science, 2003, , 322-333.	1.0	19
168	Models and search strategies for applied molecular evolution. Annual Reports in Combinatorial Chemistry and Molecular Diversity, 1997, , 95-152.	0.4	6
170	Fitness Landscape of the Factoradic Representation on the Permutation Flowshop Scheduling Problem. Lecture Notes in Computer Science, 2015, , 151-164.	1.0	7
171	Neighborhood Graphs and Symmetric Genetic Operators. Lecture Notes in Computer Science, 2007, , 110-122.	1.0	2

#	ARTICLE	IF	CITATIONS
172	A Theoretical Analysis of the k-Satisfiability Search Space. Lecture Notes in Computer Science, 2009, , 46-60.	1.0	8
173	Smoothness, Ruggedness and Neutrality of Fitness Landscapes: from Theory to Application. Natural Computing Series, 2003, , 3-44.	2.2	48
174	The Algorithm Selection Problem on the Continuous Optimization Domain. Studies in Computational Intelligence, 2013, , 75-89.	0.7	19
175	Rugged and Elementary Landscapes. Natural Computing Series, 2014, , 41-61.	2.2	5
176	Dynamic Fitness Landscape Analysis. Studies in Computational Intelligence, 2013, , 269-297.	0.7	15
177	Fitness Landscapes: From Evolutionary Biology to Evolutionary Computation. Emergence, Complexity and Computation, 2014, , 3-31.	0.2	10
178	Landscapes and Effective Fitness. Comments on Theoretical Biology, 2003, 8, 389-431.	0.6	37
182	Fitness landscape analysis to understand and predict algorithm performance for single- and multi-objective optimization. , 2020, , .		2
183	Understanding search behavior via search landscape analysis in design optimization of optical structures. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 2457.	0.9	2
184	Adaptation in protein fitness landscapes is facilitated by indirect paths. ELife, 2016, 5, .	2.8	184
185	Estimating the Degree of Neutrality in Fitness Landscapes by the Nei's Standard Genetic Distance-An Application to Evolutionary Robotics. Transactions of the Institute of Systems Control and Information Engineers, 2005, 18, 284-291.	0.1	0
187	Evolutionary Optimization and Dynamic Fitness Landscapes. Studies in Computational Intelligence, 2010, , 409-446.	0.7	15
189	Neutrality in the Graph Coloring Problem. Lecture Notes in Computer Science, 2013, , 125-130.	1.0	3
191	Estimating the Degree of Neutrality and Ruggedness of Fitness Landscapes. Emergence, Complexity and Computation, 2014, , 207-231.	0.2	0
192	Genetic measurement theory of epistatic effects. Contemporary Issues in Genetics and Evolution, 1998, , 569-580.	0.9	17
195	Understanding transforms of pseudo-boolean functions. , 2020, , .		2
196	Molecular Phenotypes as Key Intermediates in Mapping Genotypes to Fitness. , 2020, , 15-40.		1
197	NK-Fitness Landscapes and Memetic Algorithms with Greedy Operators and k-opt Local Search. , 2005, , 209-228.		1

#	ARTICLE	IF	CITATIONS
199	Blue-Noise Sampling of Graph and Multigraph Signals: Dithering on Non-Euclidean Domains. IEEE Signal Processing Magazine, 2020, 37, 31-42.	4.6	6
200	Online metaheuristic algorithm selection. Expert Systems With Applications, 2022, 201, 117058.	4.4	6
202	Planning landscape analysis for self-adaptive systems. , 2022, , .		0
203	Higher-order epistasis and phenotypic prediction. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
204	Characterizing Permutation-Based Combinatorial Optimization Problems in Fourier Space. Evolutionary Computation, 2023, 31, 163-199.	2.3	2
206	Fitness landscape analysis and niching genetic approach for hybrid beamforming in RIS-aided communications. Applied Soft Computing Journal, 2022, 131, 109725.	4.1	2
207	Virus Evolution on Fitness Landscapes. Current Topics in Microbiology and Immunology, 2023, , 1-94.	0.7	1
209	Ecological landscapes guide the assembly of optimal microbial communities. PLoS Computational Biology, 2023, 19, e1010570.	1.5	6
210	Fitness Landscape Ruggedness Impact onÂPSO inÂDealing withÂThree Variants ofÂtheÂTravelling Salesman Problem. Lecture Notes in Computer Science, 2022, , 429-444.	1.0	0
212	Machine Learning for Protein Engineering. Challenges and Advances in Computational Chemistry and Physics, 2023, , 277-311.	0.6	1