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912		
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910		2
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901	. 1989,	2
900	Simulated Annealing Type Markov Chains and Their Order Balance Equations. 1989 , 27, 1440-1461	17

(-1989)

899	Approximating the Permanent. 1989 , 18, 1149-1178	385
898	. 1989 , 11, 164-180	130
897		4
896	Automatic ventricular cavity boundary detection from sequential ultrasound images using simulated annealing. 1989 , 8, 344-53	142
895	Adaptive search space scaling in digital image registration. 1989 , 8, 251-62	46
894		2
893	Simulated Annealing And Resource Location In Computer Networks.	
892	Simulated Annealing And Balance Of Recurrence Orders. 1989 , 1058, 103	
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890	Chapter 2 Markov processes. 1990 , 2, 95-123	4
889	Simulated annealing: A tool for operational research. 1990 , 46, 271-281	515
888	Adapting connectionist learning to Bayes networks. 1990 , 4, 261-282	11
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886	Large-time behavior of perturbed diffusion markov processes with applications to the second eigenvalue problem for fokker-planck operators and simulated annealing. 1990 , 19, 253-295	29
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882		1

881	Note on the Convergence of Simulated Annealing Algorithms. 1991 , 29, 153-159	16
880	Electromagnetic imaging and simulated annealing. 1991 , 96, 8057	25
879	VLSI cell placement techniques. 1991 , 23, 143-220	158
878		12
877		
876	Simulated annealing process in general state space. 1991 , 23, 866-893	37
875	. 1991 , 10, 525-535	61
874	Transport Processes in Porous Media. 1991 ,	5
873	Simulated annealing process in general state space. 1991 , 23, 866-893	18
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870	The effect of the density of states on the Metropolis algorithm. 1991 , 37, 159-163	10
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868	Mixture decomposition via the simulated annealing algorithm. 1991 , 7, 317-325	3
867	A theoretical framework for simulated annealing. 1991 , 6, 302-345	111
866	Efficient simulated annealing on fractal energy landscapes. 1991 , 6, 367-418	75
865	Stochastic neural networks. 1991 , 6, 466-478	29
864	Weak convergence of Markov chain sampling methods and annealing algorithms to diffusions. 1991 , 68, 483-498	11

863	Modeling and design optimization of asynchronous flexible assembly systems with statistical process control and repair. 1991 , 3, 251	9
862	. 1991,	
861	. 1991,	4
860	Simulated annealing with extended neighbourhood. 1991 , 40, 169-189	51
859	Simulated Annealing For Treatment Plan Optimization In Stereotactic Interstitial Brachytherapy.	
858	Optimal Blank Nesting Using Simulated Annealing. 1992 , 114, 160-165	30
857	Near-optimal triangulation of a point set by simulated annealing. 1992,	2
856	Uniting probabilistic methods for optimization. 1992,	2
855	Convergence theorems for a class of simulated annealing algorithms on R d. 1992 , 29, 885-895	158
854	. 1992 , 4, 177-185	15
853	The demon algorithm. 1992 , 42, 21-31	5
852	A Practical Approach to the Apparel Production-planning and Scheduling Problem. 1992 , 4, 9-17	9
0		
851	. 1992,	4
850	. 1992 , A cost minimization approach to edge detection using simulated annealing. 1992 , 14, 3-18	55
850	A cost minimization approach to edge detection using simulated annealing. 1992 , 14, 3-18	55
850 849	A cost minimization approach to edge detection using simulated annealing. 1992 , 14, 3-18 A Comparison of Simulated Annealing of Gibbs Sampler and Metropolis Algorithms. 1992 , 117-124	55

845	Optimal placement of heat sources on a rectangular grid. 1992 , 34, 351-364	2
844	Simulated annealing applied to the process allocation problem. 1992 , 60, 327-334	17
843	The afforestation problem: A heuristic method based on simulated annealing. 1992 , 56, 184-191	8
842	Singular perturbed Markov chains and exact behaviors of simulated annealing processes. 1992 , 5, 223-249	25
841	Optimal design of LAN-WAN internetworks: An approach using simulated annealing. 1992 , 36, 275-297	11
840	. 1992 , 22, 1024-1032	19
839	Cellular automata in pattern recognition. 1993 , 70, 145-177	18
838	Multi-way graph partition by stochastic probe. 1993 , 20, 321-347	6
837	On the depth of combinatorial optimization problems. 1993 , 43, 115-129	15
836	Corner detection by a cost minimization approach. 1993 , 26, 1235-1243	44
836 835	Convergence of a simulation method for solution of combinatorial optimization problems. 1993, 29, 445-449	1
	Convergence of a simulation method for solution of combinatorial optimization problems. 1993,	
835	Convergence of a simulation method for solution of combinatorial optimization problems. 1993 , 29, 445-449	1
835	Convergence of a simulation method for solution of combinatorial optimization problems. 1993, 29, 445-449 Integrating and accelerating tabu search, simulated annealing, and genetic algorithms. 1993, 41, 47-67	1 32
835 834 833	Convergence of a simulation method for solution of combinatorial optimization problems. 1993, 29, 445-449 Integrating and accelerating tabu search, simulated annealing, and genetic algorithms. 1993, 41, 47-67 A parallel simulated annealing algorithm. 1993, 19, 859-872	1 32 33
835 834 833 832	Convergence of a simulation method for solution of combinatorial optimization problems. 1993, 29, 445-449 Integrating and accelerating tabu search, simulated annealing, and genetic algorithms. 1993, 41, 47-67 A parallel simulated annealing algorithm. 1993, 19, 859-872 Simulated annealing with time-dependent energy function. 1993, 213, 97-116	32 33 14
835 834 833 832	Convergence of a simulation method for solution of combinatorial optimization problems. 1993, 29, 445-449 Integrating and accelerating tabu search, simulated annealing, and genetic algorithms. 1993, 41, 47-67 A parallel simulated annealing algorithm. 1993, 19, 859-872 Simulated annealing with time-dependent energy function. 1993, 213, 97-116 . 1993, 42, 647-656	1 32 33 14 88

827	•	1
826	An inverse technique for developing models for fluid flow in fracture systems using simulated annealing. 1993 , 29, 3775-3789	40
825	. 1993 , 11, 1172-1182	36
824	Heuristic Search Algorithms for the Minimum Volume Ellipsoid. 1993 , 2, 69-95	34
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822	Chapter 8 Mathematical programming models and methods for production planning and scheduling. 1993 , 371-443	47
821	Cooling schedules for learning in neural networks. 1993 , 47, 4457-4464	11
820		
819	On-line learning processes in artificial neural networks. 1993 , 51, 199-233	28
818	Multiple-site updates in maximum a posteriori and marginal posterior modes image estimation. 1993 , 20, 155-186	
817	Nonsmooth trajectory optimization - An approach using continuous simulated annealing. 1993,	O
816	Applications of simulated annealing to district heating network design and extension, to CMOS circuits sizing and to filter bank design. 1994 , 278-285	2
815	Representations of Knowledge in Complex Systems. 1994 , 56, 549-581	41
814		43
813	A simulated annealing approach to parallel processor scheduling problems with precedence relations. 1994 , 17, 485-497	2
812	Nonsmooth trajectory optimization - An approach using continuous simulated annealing. 1994 , 17, 685-691	14
811	Quasi-Statically Cooled Markov Chains. 1994 , 8, 1-19	3
810	GAET, un logiciel de gĥfation automatique d'emplois du temps: recuit simul'et langage objet. 1994 , 3, 221-241	

809	Simulated Annealing and Adaptive Search in Global Optimization. 1994 , 8, 571-590	38
808		7
807	The Asymptotic Behavior of Simulated Annealing Processes with Absorption. 1994 , 32, 1247-1265	3
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805	Temperature schedules for simulated annealing. 1994 , 4, 21-32	22
804	Simulated annealing for constrained global optimization. 1994 , 5, 101-126	154
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802	Simulated annealing and tabu search: Lessons from a line search. 1994 , 21, 823-839	6
801	Homogeneous grouping of nuclear fuel cans through simulated annealing and tabu search. 1994 , 50, 575-607	6
800	Capacitated clustering problems by hybrid simulated annealing and tabu search. 1994 , 1, 317-336	125
799	. 1994 , 16, 652-656	200
798	. 1994 , 16, 976-986	109
797	On Convergence of Iterated Random Maps. 1994 , 32, 1752-1762	0
796	Asymptotic First Hitting-Time Distribution of Annealing Processes. 1994 , 32, 1266-1288	1
795	. 1994 , 42, 293-303	38
794	Determining the number of kanbans and lotsizes in a generic kanban system: a simulated annealing approach. 1994 , 32, 1991-2004	20
793	Simulated annealing approach to the minimum distance of error-correcting codes. 1994 , 76, 377-384	7
792		3

791	Evolutionary Programming. 1994 ,	10
790	SIMULATED ANNEALING SCHEME INCORPORATING MOVE DESIRABILITY TABLE FOR SOLUTION OF FACILITY LAYOUT PROBLEMS. 1995 , 38, 1-20	3
789	Tail events of simulated annealing Markov chains. 1995 , 32, 867-876	1
788	Long-Time Behaviour of Langevin Algorithms with Time-dependent Energy Function. 1995 , 172, 127-143	
787	Recent directions in netlist partitioning: a survey. 1995 , 19, 1-81	344
786	Finding point correspondences using simulated annealing. 1995 , 28, 231-240	50
785	A genetic algorithm approach to optimization of asynchronous automatic assembly systems. 1995 , 7, 27-46	11
784	A study of simulated annealing and a revised cascade algorithm for image reconstruction. 1995 , 5, 175-190	2
783	Improvement heuristics for the Vehicle Routing Problem based on simulated annealing. 1995 , 86, 480-490	103
782	Parallel recombinative simulated annealing: A genetic algorithm. 1995 , 21, 1-28	195
781	Remarques sur l'ergodicit`des algorithmes de recuit simul`sur un graphe. 1995 , 58, 329-360	5
780	Identifying cohesive subgroups. 1995 , 17, 27-56	122
779	The depth and width of local minima in discrete solution spaces. 1995 , 56, 75-82	13
778	The optimal packing of arbitrarily-shaped polygons using simulated annealing and polynomial-time cooling schedules. 1995 , 125, 53-70	29
777	A piecewise Markovian model for simulated annealing with stochastic cooling schedules. 1995 , 32, 649-658	1
776	Tail events of simulated annealing Markov chains. 1995 , 32, 867-876	2
775	Image Analysis, Random Fields and Dynamic Monte Carlo Methods. 1995 ,	205
774	Transmission system expansion planning by simulated annealing.	16

773	Constrained nonlinear optimization approaches to color-signal separation. 1995 , 4, 81-94	7
772	EFFICIENT SCHEDULES FOR SIMULATED ANNEALING. 1995 , 24, 161-176	11
771	A piecewise Markovian model for simulated annealing with stochastic cooling schedules. 1995 , 32, 649-658	3
770	Three-dimensional localization of immunogold markers using two tilted electron microscope recordings. 1995 , 68, 2171-80	7
769	A Gibbs random field-based active electromagnetic method for noninvasive diagnostics in biomedical applications. 1995 , 30, 291-301	15
768	Simulated annealing for fuzzy controller optimization: principles and applications.	5
767	Evaluating assembly sequences for automatic assembly systems. 1995 , 27, 23-31	12
766	Faster Simulated Annealing. 1995 , 5, 488-505	5
765	Transmission system expansion planning by simulated annealing. 1996 , 11, 364-369	183
764	Cycle Decompositions and Simulated Annealing. 1996 , 34, 966-986	29
763	Optimization procedure based on a statistical cooling method applied to scattering by bounded nonlinear objects. 1996 , 31, 437-450	5
762	Two measures of difficulty. 1996 , 8, 321-346	39
761	Generalized deterministic annealing. 1996 , 7, 686-99	8
760	Hnbue property in a shock model with cumulative damage threshold. 1996 , 25, 345-360	2
759	Convergence properties of simulated annealing for continuous global optimization. 1996 , 33, 1127-1140	6
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757	Computer aided frequency planning for the radio and TV broadcasts. 1996 , 42, 144-148	1
756	Supervised fuzzy contextual segmentation of polarimetric SAR images. 1996 , 7, 515-525	2

755	Auf dem Weg zur Syntheseplanung in der Festkfiperchemie: Vorhersage existenzfliger Strukturkandidaten mit Verfahren zur globalen Strukturoptimierung. 1996 , 108, 1358-1377	69
754	Mapping interactions within and between cohesive subgroups. 1996 , 18, 93-119	117
753	Simulated annealing with time-dependent energy function via Sobolev inequalities. 1996 , 63, 221-233	11
75²	A simulated annealing heuristic for the one-dimensional cutting stock problem. 1996 , 93, 522-535	18
75 ¹	General local search methods. 1996 , 92, 493-511	153
75°	On a randomized version of exhaustive local search. 1996 , 12, 389-403	
749	Synchronous and asynchronous parallel simulated annealing with multiple Markov chains. 1996 , 7, 993-1008	49
748	Estimation of non-stationary spectra by simulated annealing. 1996 , 25, 381-402	
747	Mapping defects in a conductive half-space by simulated annealing with connectivity and size as constraints. 1996 , 10, 983-1004	5
746	Convergence properties of simulated annealing for continuous global optimization. 1996 , 33, 1127-1140	39
745	Preferential trapping on energy landscapes in regions containing deep-lying minima: The reason for the success of simulated annealing?. 1997 , 30, 2367-2389	34
744	Annealing of Iterative Stochastic Schemes. 1997 , 35, 1886-1907	32
743	A simulated annealing algorithm for system cost minimization subject to reliability constraints. 1997 , 26, 783-790	3
742	Convergence of Simulated Annealing with Feedback Temperature Schedules. 1997 , 11, 279-304	5
741	Closure to âlAnnealing Strategy for Optimal Structural Designâlby Shyh-Rong Tzan and Chris P. Pantelides. 1997 , 123, 1278-1278	
740	Finite-Time Behavior of Slowly Cooled Annealing Chains *. 1997 , 11, 137-176	1
739	Discussion: Annealing Strategy for Optimal Structural Design. 1997 , 123, 1277-1278	
738	Quasi optimal gait for a biped robot using genetic algorithm.	6

 $737\,$ $\,$ A stochastic tabu search strategy and its global convergence.

736	Rate-distortion optimized frame type selection for MPEG encoding. 1997 , 7, 501-510	30
735	Optimal placements of flexible objects. II. A simulated annealing approach for the bounded case. 1997 , 46, 905-929	4
734	Computing elastic moduli of two-dimensional random networks of rigid and nonrigid bonds by simulated annealing. 1997 , 44, 187-215	4
733	On the invariant measure of non-reversible simulated annealing. 1997 , 36, 189-193	
732	Stochastic Simulations of Two-Dimensional Composite Packings. 1997 , 136, 559-579	12
731	A method of spatial reasoning based on qualitative trigonometry. 1998 , 98, 137-168	26
730	Network configuration and machine layout in fixed-path material handling systems. 1998 , 76, 21-54	8
729	Global Optimization Requires Global Information. 1998 , 96, 575-588	44
728	A Feedback Algorithm for Determining Search Parameters for Monte Carlo Optimization. 1998 , 146, 263-281	1
727	Asymptotic Behavior of Some Linear Differential Systems. 1998 , 144, 321-352	2
726	State-space search strategies gleaned from animal behavior: a traveling salesman experiment. 1998 , 78, 167-173	15
725	A robust simulated annealing based examination timetabling system. 1998 , 25, 637-648	116
724	Proposals for chunking and tabu search. 1998 , 106, 585-598	20
723	The Metropolis algorithm for graph bisection. 1998 , 82, 155-175	57
722	Stochastic Simulation on Integer Constraint Sets. 1998 , 9, 53-61	1
721	Stochastic relaxation on partitions with connected components and its application to image segmentation. 1998 , 20, 619-636	46
720	Unsupervised texture segmentation in a deterministic annealing framework. 1998 , 20, 803-818	124

719	Solving optimization problems by parallel recombinative simulated annealing on a parallel computer-an application to standard cell placement in VLSI design. 1998 , 28, 454-61	16
718	An evolutionary strategy for global minimization and its Markov chain analysis. 1998 , 2, 77-90	36
717	A comparison of simulated annealing cooling strategies. 1998 , 31, 8373-8385	136
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715	Stochastic algorithms in electromagnetic optimization. 1998 , 34, 3674-3684	86
714	Annealing a genetic algorithm over constraints.	5
713	Spreading sequences for underwater multiple-access communications.	8
712	Rescaled simulated annealing.	
711	Tabu search: an efficient tool for designing DS-CDMA spreading sequences.	1
710	Simulated annealing without a cooling schedule. 1998 , 66, 9-20	2
709	Simple conditions for the convergence of simulated annealing type algorithms. 1998 , 35, 885-892	6
708	Simulated annealing algorithm: technical improvements. 1998 , 32, 43-73	7
707	3-D reconstruction from a few radiographs using the metropolis dynamics with annealing.	O
706	Predicting structures of compounds in the solid state by the global optimisation approach. 1999 , 6, 103-127	
705	A Simulated Annealing Algorithm with Constant Temperature for Discrete Stochastic Optimization. 1999 , 45, 748-764	146
704	Computer-aided optimization of multiâpass turning operations for continuous forms on CNC lathes. 1999 , 31, 583-596	7
703	Combinatorial optimization by iterative partial transcription. 1999 , 59, 4667-4674	29
702	Hybrid auto-adaptable simulated annealing based heuristic. 1999 , 37, 277-280	7

701	Some new results on simulated annealing applied to the job shop scheduling problem. 1999 , 113, 123-136	141
700	Solving the medium newspaper production/distribution problem. 1999 , 115, 237-253	69
699	Two simulated annealing-based heuristics for the job shop scheduling problem. 1999 , 118, 524-548	53
698	A fast method for generalized starting temperature determination in homogeneous two-stage simulated annealing systems. 1999 , 26, 481-503	14
697	Markovian perturbations of discrete iterations: Lyapunov functions, global minimization, and associative memory. 1999 , 29, 81-95	11
696	Limited communication control. 1999 , 37, 193-205	132
695	A stochastic optimization approach for roundness measurements. 1999 , 20, 707-719	33
694	Formulating and solving production planning problems. 1999 , 112, 54-80	6
693	A statistical-physics approach to language acquisition and language change. 1999 , 263, 427-437	3
692	Computer-aided optimization of multi-pass turning operations for continuous forms on CNC lathes. 1999 , 31, 583-596	4
691	The strip-packing problem for a boat manufacturing firm. 1999 , 31, 639-651	
690	Minimal cost coverage planning for single frequency networks. 1999 , 45, 78-87	41
689	Some results characterizing the finite time behaviour of the simulated annealing algorithm. 1999 , 24, 317-337	7
688	Markov Chains. 1999 ,	600
687	Design/optimization with advanced simulated annealing. 1999,	4
686	An evolutionary simulated annealing algorithm for optimizing robotic task point ordering.	4
685	Simulated Annealing: Searching for an Optimal Temperature Schedule. 1999 , 9, 779-802	84
684	Substrate optimization based on semi-analytical techniques. 1999 , 18, 172-190	25

683	Simulated annealing, acceleration techniques, and image restoration. 1999 , 8, 1374-87	22
682	Convergence of a random algorithm for function optimization. 1999 , 20, 825-833	
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675	On the classification of NP-complete problems in terms of their correlation coefficient. 2000 , 99, 261-277	36
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671	Rescaled Simulated AnnealingâAccelerating Convergence of Simulated Annealing by Rescaling the States Energies. 2000 , 6, 215-252	8
670	Hierachical and integrated algorithms: comparison and applications in motion estimation and recognition.	
669	Convergence properties of incremental Bayesian evolutionary algorithms with single Markov chains.	O
668	Landscape statistics of the low-autocorrelation binary string problem. 2000 , 33, 8635-8647	18
667	A Note on the Finite Time Behavior of Simulated Annealing. <i>Mathematics of Operations Research</i> , 2000 , 25, 476-484	19
666	Parallel Problem Solving from Nature PPSN VI. 2000 ,	22

665	On mismatches between incremental optimizers and instance perturbations in physical design tools.	10
664	SIMULATED ANNEALING AND PARALLEL PROCESSING: AN IMPLEMENTATION FOR CONSTRAINED GLOBAL DESIGN OPTIMIZATION. 2000 , 32, 659-685	22
663	A robust Smith predictor modified by internal models for integrating process with dead time. 2001 , 46, 1293-1298	32
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661	Mutation-Selection Algorithm: a Large Deviation Approach. 2001, 227-240	3
660	Coupling local search methods and simulated annealing to the job shop scheduling problem with transportation.	1
659	Determination, prediction, and understanding of structures, using the energy landscapes of chemical systems âlPart II. 2001 , 216, 361-383	50
658	On the convergence of evolution processes with time-varying mutations and local interaction. 2001 , 38, 301-323	5
657	Restarting search algorithms with applications to simulated annealing. 2001, 33, 242-259	4
656	A note on the depth function of combinatorial optimization problems. 2001 , 108, 325-328	
655	Theory of genetic algorithms. 2001 , 259, 1-61	302
654	An effective hybrid optimization strategy for job-shop scheduling problems. 2001 , 28, 585-596	185
653	Adaptive memory programming: A unified view of metaheuristics. 2001 , 135, 1-16	152
652	Faster Monte Carlo simulations at low temperatures. The waiting time method. 2001 , 141, 260-267	46
651	On the Convergence of Inhomogeneous Markov Chains Approximating Equilibrium Placements of Flexible Objects. 2001 , 19, 179-208	
650	What is Simulated Annealing?. 2001 , 2, 201-213	17
649	Logarithmic simulated annealing for X-ray diagnosis. 2001 , 22, 249-60	2
648	Global random optimization by simultaneous perturbation stochastic approximation.	1

647	Location area planning in cellular networks using simulated annealing.	37
646	Global random optimization by simultaneous perturbation stochastic approximation. 2001,	13
645	Combinatorial Landscapes. 2002 , 44, 3-54	162
644	ADAPTIVE SIMULATED ANNEALING FOR CT IMAGE CLASSIFICATION. 2002 , 16, 573-588	4
643	Barrier Trees of Degenerate Landscapes. 2002 , 216,	106
642	FPGA placement by thermodynamic combinatorial optimization.	
641	Planning of UMTS core networks.	17
640	Stochastic roadmap simulation. 2002 ,	18
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637	Back Matter. 2002 , 129-150	
636	Random Search Under Additive Noise. 2002 , 383-417	4
635	Simulated Annealing Algorithms for Continuous Global Optimization. 2002 , 179-229	29
634	Selected Topics in Simulated Annealing. 2002 , 1-37	5
633	Essays and Surveys in Metaheuristics. 2002,	27
632	Parallel simulated annealing for the vehicle routing problem with time windows.	52
631	A Decision-Theoretic Approach to Summarising Posterior Information in a Sample of step Functions. 2002 , 14, 133-139	
630	Modeling Uncertainty. 2002,	2

629	MONTE CARLO METHODS IN GEOPHYSICAL INVERSE PROBLEMS. 2002, 40, 3-1	442
628	A short convergence proof for a class of ant colony optimization algorithms. 2002 , 6, 358-365	248
627	Comparing three alternative optimisation methods for the treatment planning of bulbs. 2002, 72, 59-71	1
626	Bounded-depth threshold circuits for computer-assisted CT image classification. 2002 , 24, 179-92	8
625	A Modified Genetic Algorithm for Job Shop Scheduling. 2002 , 20, 72-76	70
624	On the convergence of generalized hill climbing algorithms. 2002 , 119, 37-57	39
623	Roundness measurements for discontinuous perimeters via machine visions. 2002 , 47, 185-197	23
622	The convergence of stochastic algorithms solving flow shop scheduling. 2002 , 285, 101-117	1
621	Fast parallel heuristics for the job shop scheduling problem. 2002 , 29, 151-169	16
620	ACO algorithms with guaranteed convergence to the optimal solution. 2002 , 82, 145-153	184
620 619	ACO algorithms with guaranteed convergence to the optimal solution. 2002 , 82, 145-153 Finite-Time Performance Analysis of Static Simulated Annealing Algorithms. 2002 , 21, 21-53	184
619	Finite-Time Performance Analysis of Static Simulated Annealing Algorithms. 2002 , 21, 21-53	16
619 618	Finite-Time Performance Analysis of Static Simulated Annealing Algorithms. 2002, 21, 21-53 Analysis of Static Simulated Annealing Algorithms. 2002, 115, 165-182 Sharp Asymptotics for Fixation Times in Stochastic Population Genetics Models at Low Mutation	16
619 618 617	Finite-Time Performance Analysis of Static Simulated Annealing Algorithms. 2002, 21, 21-53 Analysis of Static Simulated Annealing Algorithms. 2002, 115, 165-182 Sharp Asymptotics for Fixation Times in Stochastic Population Genetics Models at Low Mutation Probabilities. 2003, 110, 311-332 A Reliable Solver of Regular-Grid Travelling Salesman Problems: Double Threshold Accepting for	16 17 2
619 618 617 616	Finite-Time Performance Analysis of Static Simulated Annealing Algorithms. 2002, 21, 21-53 Analysis of Static Simulated Annealing Algorithms. 2002, 115, 165-182 Sharp Asymptotics for Fixation Times in Stochastic Population Genetics Models at Low Mutation Probabilities. 2003, 110, 311-332 A Reliable Solver of Regular-Grid Travelling Salesman Problems: Double Threshold Accepting for Schedule Planning Optimisation with Unified Pattern of Normalised Threshold Values. 2003, 21, 985-994	16 17 2
619 618 617 616	Finite-Time Performance Analysis of Static Simulated Annealing Algorithms. 2002, 21, 21-53 Analysis of Static Simulated Annealing Algorithms. 2002, 115, 165-182 Sharp Asymptotics for Fixation Times in Stochastic Population Genetics Models at Low Mutation Probabilities. 2003, 110, 311-332 A Reliable Solver of Regular-Grid Travelling Salesman Problems: Double Threshold Accepting for Schedule Planning Optimisation with Unified Pattern of Normalised Threshold Values. 2003, 21, 985-994 An Epicurean learning approach to gene-expression data classification. 2003, 28, 75-87	16 17 2 1

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611	A novel linear programming approach to fluence map optimization for intensity modulated radiation therapy treatment planning. 2003 , 48, 3521-42	121
610	Handbook of Metaheuristics. 2003,	542
609	Learning Bayesian network classifiers for facial expression recognition both labeled and unlabeled data.	32
608	The Theory and Practice of Simulated Annealing. 2003 , 287-319	149
607	Substrate Noise. 2003,	
606	Phase transition and landscape statistics of the number partitioning problem. 2003, 67, 056701	12
605	Stochastic nonlinear image restoration using the wavelet transform. 2003 , 12, 890-905	8
604	An Added Level of Sophistication. 95-150	
603	ADAPTIVE AND MONOTONE SPLINE ESTIMATION OF THE CROSS-SECTIONAL TERM STRUCTURE. 2003 , 06, 195-212	6
602	A Model for Analyzing Black-Box Optimization. 2003 , 424-438	2
601	A simulated annealing approach with sequence-pair encoding using a penalty function for the placement problem with boundary constraints. 2003 ,	3
600	A Converging ACO Algorithm for Stochastic Combinatorial Optimization. 2003 , 10-25	43
599	On bandwidth efficiency of the hose resource management model in virtual private networks.	32
598	A simulated annealing approach with sequence-pair encoding using a penalty function for the placement problem with boundary constraints.	
597	Improved bounds for the large-time behaviour of simulated annealing. 2003, 40, 961-969	
596	A Problem-Specific Convergence Bound for Simulated Annealing-Based Local Search. 2004 , 405-414	1
595	Asymptotic Convergence of Scaled Genetic Algorithms to Global Optima. 2004 , 157-200	6
594	Estimating a Nonstationary Spatial Structure Using Simulated Annealing. 2004 , 13, 90-105	19

593	Reconstruction of silicon surfaces: A stochastic optimization problem. 2004 , 70,	28
592	Dispatching of an Electric Monorail System: Applying Metaheuristics to an Online Pickup and Delivery Problem. 2004 , 38, 434-446	24
591	Simulated Annealing for Missile Optimization: Developing Method and Formulation Techniques. 2004 , 27, 616-626	20
590	Ant Colony Optimization. 2004, 101-121	45
589	Convergence in Probability of Compressed Annealing. <i>Mathematics of Operations Research</i> , 2004 , 29, 837-860	13
588	Sufficient Conditions for Ergodicity and Convergence of MH, SA, and EM Algorithms. 2004 , 20, 193-204	2
587	Annealing placement by thermodynamic combinatorial optimization. 2004 , 9, 310-332	9
586	Probabilistic Failure Analysis by Importance Sampling Markov Chain Simulation. 2004 , 130, 303-311	36
585	A model for holding strategy in public transit systems with real-time information. 2004 , 2, 99-110	62
584	Computing the Initial Temperature of Simulated Annealing. 2004 , 29, 369-385	79
583	Analyzing the Performance of Generalized Hill Climbing Algorithms. 2004, 10, 387-405	19
582	Global Optimization Performance Measures for Generalized Hill Climbing Algorithms. 2004 , 29, 173-190	12
581	Gibbs Field Approaches in Image Processing Problems. 2004 , 40, 279-295	2
580	Adaptive temperature control for simulated annealing: a comparative study. 2004 , 31, 2439-2451	61
579	Port yard storage optimization. 2004 , 1, 26-37	22
578	Evolutionary Simulated Annealing With Application to Image Restoration. 2004 , 13, 871-885	
577	The Effect of Piracy on the Market Penetration of Subscription Software. 2004 , 77, S81-S107	31
576	Groundwater nitrate monitoring network optimization with missing data. 2004 , 40,	23

575	Simulation optimization: A comprehensive review on theory and applications. 2004, 36, 1067-1081	170
574	Algorithmics for Hard Problems. 2004,	34
573	Parallel Simulated Annealing Using Simplex Method. 2004,	3
572	Semisupervised learning of classifiers: theory, algorithms, and their application to human-computer interaction. 2004 , 26, 1553-67	159
571	On combining support vector machines and simulated annealing in stereovision matching. 2004 , 34, 1646-57	15
570	Hybrid Strategy for Parameter Estimation and PID Tuning. 2004 , 37, 893-898	
569	Solution quality of random search methods for discrete stochastic optimization. 2005 , 68, 115-125	1
568	A better global resolution function and a novel iterative stochastic search method for optimization of high-performance liquid chromatographic separation. 2005 , 1070, 89-101	39
567	A theoretical study on the behavior of simulated annealing leading to a new cooling schedule. 2005 , 166, 77-92	77
566	Simulated annealing and object point processes: Tools for analysis of spatial patterns. 2005 , 115, 1860-1882	33
565	Genetic algorithm for constrained global optimization in continuous variables. 2005 , 171, 604-636	28
564	Simulated annealing search through general structure floor plans using sequence-pair. 2005 , 88, 28-38	1
563	A Permutation-Translation Simulated Annealing Algorithm for L1 and L2 Unidimensional Scaling. 2005 , 22, 119-138	22
562	Inverse shortest path algorithms in protected UMTS access networks. 2005 , 28, 765-772	3
561	Learning probabilistic classifiers for humanâ⊞omputer interaction applications. 2005 , 10, 484-498	14
560	Analysis of Random Restart and Iterated Improvement for Global Optimization with Application to the Traveling Salesman Problem. 2005 , 124, 407-433	1
559	Performance Analysis of Cyclical Simulated Annealing Algorithms. 2005 , 7, 183-201	6
558	An Extended Ant Colony Algorithm and Its Convergence Analysis. 2005 , 7, 249-263	11

557	An improved simulated annealing simulation optimization method for discrete parameter stochastic systems. 2005 , 32, 343-358	41
556	Transit Network Optimization: Minimizing Transfers and Maximizing Service Coverage with an Integrated Simulated Annealing and Tabu Search Method. 2005 , 1923, 180-188	11
555	Optimal In Situ Bioremediation Design by Hybrid Genetic Algorithm-Simulated Annealing. 2005 , 131, 67-78	58
554	Contraflow network reconfiguration for evacuation planning. 2005,	28
553	Relative Frequencies of Non-homogeneous Markov Chains in Simulated Annealing and Related Algorithms.	
552	Formal basis for algorithm comparisons in stochastic optimization.	
551	Mixed-Signal Layout Generation Concepts. 2005,	
550	A case study of forest management planning using a new heuristic algorithm. 2005 , 25, 929-38	4
549	Sample-sort simulated annealing. 2005 , 35, 625-32	24
548	Simulated Annealing. 2005 , 187-210	60
548 547	Simulated Annealing. 2005, 187-210 Two simulated annealing algorithms for noisy objective functions.	6
547	Two simulated annealing algorithms for noisy objective functions. A stochastic method for Bayesian estimation of hidden Markov random field models with	6
547 546	Two simulated annealing algorithms for noisy objective functions. A stochastic method for Bayesian estimation of hidden Markov random field models with application to a color model. 2005, 14, 1096-108	6 25
547546545	Two simulated annealing algorithms for noisy objective functions. A stochastic method for Bayesian estimation of hidden Markov random field models with application to a color model. 2005, 14, 1096-108 A Trust-based Negotiation Mechanism for Decentralized Economic Scheduling.	6 25 5
547546545544	Two simulated annealing algorithms for noisy objective functions. A stochastic method for Bayesian estimation of hidden Markov random field models with application to a color model. 2005, 14, 1096-108 A Trust-based Negotiation Mechanism for Decentralized Economic Scheduling. Neural Networks without Training for Optimization. 2005, 443-490 Optimization of transit network layout and headway with a combined genetic algorithm and	6 25 5
547546545544543	Two simulated annealing algorithms for noisy objective functions. A stochastic method for Bayesian estimation of hidden Markov random field models with application to a color model. 2005, 14, 1096-108 A Trust-based Negotiation Mechanism for Decentralized Economic Scheduling. Neural Networks without Training for Optimization. 2005, 443-490 Optimization of transit network layout and headway with a combined genetic algorithm and simulated annealing method. 2006, 38, 701-722	6 25 5 1 33

(2006-2006)

539	Network correlated data gathering with explicit communication: NP-completeness and algorithms. 2006 , 14, 41-54	118
538	A survey of simulated annealing as a tool for single and multiobjective optimization. 2006 , 57, 1143-1160	345
537	A two-stage simulated annealing procedure for block layout problems. 2006 , 44, 4417-4429	12
536	Relative Frequencies of Generalized Simulated Annealing. <i>Mathematics of Operations Research</i> , 2006 , 31, 199-216	7
535	Simulated Annealing for Convex Optimization. <i>Mathematics of Operations Research</i> , 2006 , 31, 253-266 1.5	95
534	Choosing the optimal set of instruments from large instrument sets. 2006 , 51, 612-620	6
533	Stochastic local search for the Feature Set problem, with applications to microarray data. 2006 , 183, 1148-1164	25
532	Landscape analysis for multicast routing. 2006 , 30, 101-116	4
531	An alternative approach for neural network evolution with a genetic algorithm: crossover by combinatorial optimization. 2006 , 19, 514-28	54
530	Cluster analysis of panel data sets using non-standard optimisation of information criteria. 2006 , 30, 1389-1408	10
529	Optimal estuarine sediment monitoring network design with simulated annealing. 2006, 78, 294-304	9
528	A Stopping Criterion for Logarithmic Simulated Annealing. 2006 , 78, 55-79	11
527	Sufficient and necessary condition for the convergence of stochastic approximation algorithms. 2006 , 76, 203-210	3
526	A critical-shaking neighborhood search for the yard allocation problem. 2006 , 174, 1247-1259	43
525	A robust approach for iterative contaminant source location and release history recovery. 2006 , 88, 181-96	57
524	Endocardium and epicardium contour modeling based on Markov Random Fields and active contours. 2006 , 2006, 928-31	1
523	Radiographic Inspection of Thick Metal Components, Part II: a New Stochastic Approach to 3-D Reconstruction. 2006 ,	
522	On the local performance of simulated annealing and the (1+1) evolutionary algorithm. 2006,	2

521	Genetic local search for multicast routing. 2006 ,	1
520	Simulated Annealingâtenetic Algorithm for Transit Network Optimization. 2006 , 20, 57-68	93
519	Optimal Layout of Sewer Systems: A Deterministic versus a Stochastic Model. 2006 , 132, 927-943	32
518	Piecewise Constant Reconstruction Using a Stochastic Continuation Approach. 2006,	
517	Metaheuristics for Hard Optimization. 2006,	8
516	A COMPUTATIONAL STUDY ON CIRCUIT SIZE VERSUS CIRCUIT DEPTH. 2006 , 15, 143-161	6
515	Cooling down Lvy flights. 2007 , 40, 12299-12313	48
514	Facial Expression Recognition: A Fully Integrated Approach. 2007,	25
513	Improving Linkage of Web Pages. 2007 , 19, 127-136	11
512	Optimization of User and Operator Cost for Large-Scale Transit Network. 2007 , 133, 240-251	44
512 511	Optimization of User and Operator Cost for Large-Scale Transit Network. 2007 , 133, 240-251 Molecular dynamics and the accuracy of numerically computed averages. 2007 , 16, 1-65	33
511	Molecular dynamics and the accuracy of numerically computed averages. 2007 , 16, 1-65	33
511	Molecular dynamics and the accuracy of numerically computed averages. 2007, 16, 1-65 Evolutionary Algorithms for Solving Multi-Objective Problems. 2007,	33
511 510 509	Molecular dynamics and the accuracy of numerically computed averages. 2007, 16, 1-65 Evolutionary Algorithms for Solving Multi-Objective Problems. 2007, An Holistic Framework for Regular Virtual Topology Design. 2007, 15, 1555-1564	33 104 1
511 510 509 508	Molecular dynamics and the accuracy of numerically computed averages. 2007, 16, 1-65 Evolutionary Algorithms for Solving Multi-Objective Problems. 2007, An Holistic Framework for Regular Virtual Topology Design. 2007, 15, 1555-1564 Optimizing Antenna Array Geometry for Interference Suppression. 2007, 55, 637-641	33 104 1 25
511 510 509 508 507	Molecular dynamics and the accuracy of numerically computed averages. 2007, 16, 1-65 Evolutionary Algorithms for Solving Multi-Objective Problems. 2007, An Holistic Framework for Regular Virtual Topology Design. 2007, 15, 1555-1564 Optimizing Antenna Array Geometry for Interference Suppression. 2007, 55, 637-641 A stochastic continuation approach to piecewise constant reconstruction. 2007, 16, 2576-89	33 104 1 25

(2008-2007)

503	Relating time complexity of protein folding simulation to approximations of folding time. 2007 , 176, 465-470	9
502	Variable selection in regression models using nonstandard optimisation of information criteria. 2007 , 52, 4-15	32
501	Development of stochastic dynamic Nash game model for reservoir operation. I. The symmetric stochastic model with perfect information. 2007 , 30, 528-542	46
500	Optimization of the distribution of compressed natural gas (CNG) refueling stations: Swiss case studies. 2007 , 12, 10-22	43
499	Graph theoretical representation of ANN architectures on regular two-dimensional grids for VLSI implementations. 2007 , 71, 45-70	3
498	Port space allocation with a time dimension. 2007 , 58, 797-807	15
497	An analytically derived cooling schedule for simulated annealing. 2007, 38, 333-365	22
496	A new multiobjective simulated annealing algorithm. 2007 , 39, 49-77	14
495	Analyzing the performance of simultaneous generalized hill climbing algorithms. 2007, 37, 103-119	5
494	Lvy flights, non-local search and simulated annealing. 2007 , 226, 1830-1844	446
494	Lôy flights, non-local search and simulated annealing. 2007 , 226, 1830-1844 Convergence of a modified algorithm of fast probabilistic modeling. 2008 , 44, 139-144	446
		446 25
493	Convergence of a modified algorithm of fast probabilistic modeling. 2008 , 44, 139-144	
493 492	Convergence of a modified algorithm of fast probabilistic modeling. 2008 , 44, 139-144 Simulated annealing in the presence of noise. 2008 , 14, 627-654 Fuzzy-based adaptive sample-sort simulated annealing for resource-constrained project scheduling.	25
493 492 491	Convergence of a modified algorithm of fast probabilistic modeling. 2008, 44, 139-144 Simulated annealing in the presence of noise. 2008, 14, 627-654 Fuzzy-based adaptive sample-sort simulated annealing for resource-constrained project scheduling. 2008, 36, 982-995 Learning-enhanced simulated annealing: method, evaluation, and application to lung nodule	25 21
493 492 491 490	Convergence of a modified algorithm of fast probabilistic modeling. 2008, 44, 139-144 Simulated annealing in the presence of noise. 2008, 14, 627-654 Fuzzy-based adaptive sample-sort simulated annealing for resource-constrained project scheduling. 2008, 36, 982-995 Learning-enhanced simulated annealing: method, evaluation, and application to lung nodule registration. 2008, 28, 83-99	25 21
493 492 491 490 489	Convergence of a modified algorithm of fast probabilistic modeling. 2008, 44, 139-144 Simulated annealing in the presence of noise. 2008, 14, 627-654 Fuzzy-based adaptive sample-sort simulated annealing for resource-constrained project scheduling. 2008, 36, 982-995 Learning-enhanced simulated annealing: method, evaluation, and application to lung nodule registration. 2008, 28, 83-99 Robust flat waves with a uniform feed using a randomized local search. 2008, 21, 253-263	25 21 10

485	Stochastic protein folding simulation in the three-dimensional HP-model. 2008, 32, 248-55	19
484	Genetic local search for multicast routing with pre-processing by logarithmic simulated annealing. 2008 , 35, 2049-2070	16
483	An effective two-stage simulated annealing algorithm for the minimum linear arrangement problem. 2008 , 35, 3331-3346	54
482	Improving inductive logic programming by using simulated annealing. 2008, 178, 1423-1441	15
481	Optimization of transit route network, vehicle headways and timetables for large-scale transit networks. 2008 , 186, 841-855	127
480	Optimisation of a Large, Constrained Simulation Model using Compressed Annealing. 2008 , 59, 188-206	24
479	Metaheuristics and Scheduling. 33-68	1
478	Telecommunication Networks. 189-233	
477	Biological invasions: deriving the regions at risk from partial measurements. 2008 , 215, 158-66	25
476	Convergence of Gibbs Measures Associated with Simulated Annealing. 2008 , 39, 1472-1496	2
475	Investigation on Cooling Schemes and Parameters of Simulated Annealing for Timetabling University Courses. 2008 ,	
474	On the analysis of the (1+1) evolutionary algorithm with short-term memory. 2008,	2
473	Optimal Layered Multicast with Network Coding: Mathematical Model and Empirical Studies. 2008,	0
472	Multi-objective Management in Freight Logistics. 2008,	7
471	A local search heuristic for bounded-degree minimum spanning trees. 2008 , 40, 1115-1135	5
470	A Flexible Stochastic Automaton-Based Algorithm for Network Self-Partitioning. 2008 , 4, 223-246	10
469	On PID controllers based on simulated annealing algorithm. 2008,	10
468	On the approximate domain optimization of deterministic and expected value criteria. 2008,	4

467	Metaheuristics and Performance Evaluation Models for the Stochastic Permutation Flow-Shop Scheduling Problem. 143-170	1
466	An adaptive tabu-simulated annealing for concave cost transportation problems. 2008, 59, 331-341	12
465	Spatiotemporal sharpening of sub-pixel super-resolution by means of two infrared spectrum cameras for early cancer detection. 2008 ,	1
464	Architecture-template for massively parallel statistical image processing models. 2008,	
463	. 2008,	17
462	Optimal In-Situ Biormediation System Design Using Simulated Annealing. 2008 , 51, 1273-1285	2
461	Fundamentals of algorithms. 2009 , 173-234	5
460	A geostatistical approach to optimize sampling designs for local forest inventories. 2009 , 39, 1465-1474	9
459	The application of simulated annealing to a map seeking circuit. 2009,	О
458	Rolling algorithm with multiple runs âla non-linear discrete optimization algorithm. 2009 , 12, 917-925	
457	Optimization of network clustering and hierarchy through simulated annealing. 2009,	О
456	Adaptive Prediction of Stock Exchange Indices by State Space Wavelet Networks. 2009 , 19, 337-348	2
455	Optimization Model for Bus Timetable Based on APC. 2009,	
454	Optimal control of electrostatic self-assembly of binary monolayers. 2009 , 11, 053014	2
453	Image-Based Airborne Sensors: A Combined Approach for Spectral Signatures Classification through Deterministic Simulated Annealing. 2009 , 9, 7132-49	3
452	Local search: A guide for the information retrieval practitioner. 2009 , 45, 159-174	7
451	Image change detection from difference image through deterministic simulated annealing. 2009 , 12, 137-150	5
450	A survey on metaheuristics for stochastic combinatorial optimization. 2009 , 8, 239-287	398

449	Systems biology: parameter estimation for biochemical models. 2009 , 276, 886-902	223
448	Population-based local search for protein folding simulation in the MJ energy model and cubic lattices. 2009 , 33, 283-94	13
447	A global Particle Swarm-Based-Simulated Annealing Optimization technique for under-voltage load shedding problem. 2009 , 9, 652-657	63
446	Pressure Annealing as a Complement to Temperature Annealing To Find Low-Energy Structures of Oligomeric Molecules. 2009 , 5, 1883-94	
445	. 2009,	3
444	Convergence Analysis of Metaheuristics. 2009 , 159-187	15
443	A Hybrid Approach to the Synthesis of Subarrayed Monopulse Linear Arrays. 2009 , 57, 280-283	41
442	A Hadamard Matrix Feed Network for a Dual-Beam Forming Array Antenna. 2009 , 57, 283-286	8
441	SARNA-ensemble-predict: The effect of different dissimilarity metrics on a novel ensemble-based RNA secondary structure prediction algorithm. 2009 ,	3
440	Dynamic Pricing in e-Services under Demand Uncertainty. 2009 , 16, 701-712	11
439	Metaheuristics: Intelligent Problem Solving. 2009 , 1-38	19
438	Re'class'ification of 'quant'ified classical simulated annealing. 2009 , 143, 012020	
437	Metaheuristic for the capacitated lot-sizing problem: a software tool for MPS elaboration. 2010 , 2, 724	2
436	Marked point processes for statistical and morphological analysis of astronomical data. 2010 , 186, 123-165	3
435	Stopping and restarting strategy for stochastic sequential search in global optimization. 2010 , 46, 273-286	13
434	Iterative algorithms for fitting a linear model of coregionalization. 2010 , 36, 1150-1160	51
433	A graph-based approach for automatic cardiac tractography. 2010 , 64, 1215-29	15
432	Uphill unfolding of native protein conformations in cubic lattices. 2010 , 1, 6-12	О

Network Elucidation Template: A framework for human-guided network inference. **2010**, 58, 680-690

430	Towards utility-optimal random access without message passing. 2010 , 10, 115-128	57
429	A Parallel Simulated Annealing Algorithm as a Tool for Fitness Landscapes Exploration. 2010,	
428	Simulated Annealing. 2010 , 1-39	29
427	Self-optimizing routing in MANETs with multi-class flows. 2010,	4
426	Joint Signal-Labeling Optimization for Pragmatic Capacity under Peak-Power Constraint. 2010 ,	6
425	Distributed Transmit Beamforming with Autonomous and Self-Organizing Mobile Antennas. 2010,	4
424	The effect of cooling functions on ensemble clustering using simulated annealing. 2010 , 14, 701-730	1
423	Quality of monitoring of stochastic events by periodic and proportional-share scheduling of sensor coverage. 2010 , 7, 1-49	12
422	A scatter search algorithm for scheduling optimisation of job shop problems. 2010 , 10, 259	9
421	Quantitative Stochastic Reconstruction Methods. 2010 , 153-192	1
420	Stochastic Search in Metaheuristics. 2010 , 573-597	5
419	Detecting and correcting underreported catches in fish stock assessment: trial of a new method. 2010 , 67, 1247-1261	17
418	Adaptive fuzzy control for trajectory tracking of Mobile Robot. 2010 ,	2
417	Using Simulated Annealing Embedded Modified Gauss-Newton Algorithm to identify parameters of nonlinear degradation model. 2010 ,	
416	Adaptive & parallel simulated annealing genetic algorithm based on cloud model. 2010,	1
415	Scheduling and Congestion Control for Wireless and Processing Networks. 2010 , 3, 1-156	18
414	A Class of Self-Interacting Processes with Applications to Games and Reinforced Random Walks. 2010 , 48, 4707-4730	4

413	A Distributed CSMA Algorithm for Throughput and Utility Maximization in Wireless Networks. 2010 , 18, 960-972	272
412	Matheuristics. 2010,	72
411	An integral approach for Geno-Simulated Annealing. 2010 ,	
410	Stochastic Optimization on Continuous Domains With Finite-Time Guarantees by Markov Chain Monte Carlo Methods. 2010 , 55, 2858-2863	18
409	A new population-based simulated annealing algorithm. 2010,	5
408	Optimization by Stochastic Continuation. 2010 , 3, 1096-1121	17
407	Stochastic Steepest-Descent Optimization of Multiple-Objective Mobile Sensor Coverage. 2010,	0
406	Global Optimization Using Meta-Controlled Boltzmann Machine. 2010,	
405	Markov Random Fields in Image Segmentation. 2011 , 5, 1-155	36
404	Computational Collective Intelligence. Technologies and Applications. 2011,	
403	Mthodes de Monte-Carlo avec R. 2011 ,	2
402	Stochastic Search Methods for Global Optimization. 2011 ,	3
401	Probing chaos and biodiversity in a simple competition model. 2011 , 8, 98-104	20
400	Random Search Algorithms. 2011 ,	22
399	Quasi Optimal Gait of a Biped Robot with a Rolling Knee Kinematic. 2011 , 44, 11580-11587	
398	Improving the Wishart Synthetic Aperture Radar image classifications through Deterministic Simulated Annealing. 2011 , 66, 845-857	8
397	Model identification and control of a small-scale unmanned helicopter. 2011,	
396	Design of self tuning fuzzy controllers for nonlinear systems. 2011 , 38, 4466-4476	43

395	Fuzzy model tuning using simulated annealing. 2011 , 38, 8159-8169	26
394	A simulated annealing method for design of laminates with required stiffness properties. 2011 , 93, 1127-11	35 12
393	Combining Support Vector Machines and simulated annealing for stereovision matching with fish eye lenses in forest environments. 2011 , 38, 8622-8631	7
392	On simulated annealing with temperature-dependent energy and temperature-dependent communication. 2011 , 81, 915-920	2
391	Optimal transmission modes by simulated annealing. 2011,	О
390	Analysis of (1+1) evolutionary algorithm and randomized local search with memory. 2011 , 19, 287-323	3
389	Real-space evolutionary annealing. 2011 ,	4
388	Optimal layered multicast. 2011 , 7, 1-20	4
387	Measure-theoretic evolutionary annealing. 2011 ,	2
386	Simulated Annealing. 2011 ,	O
385	Belief propagation methods for intercell interference coordination. 2011,	7
384	Simulated Annealing. 2011 , 171-195	3
383	. 2011,	2
382	Distributed Power Control for Ad-Hoc Communications via Stochastic Nonconvex Utility Optimization. 2011 ,	5
381	Application of a New Soft Measurement in Xylitol Fermentation Process. 2012 , 190-191, 915-918	
380	Global Optimization. 2012 ,	10
379	Optimal structural inference of signaling pathways from unordered and overlapping gene sets. 2012 , 28, 546-56	8
378	An information guided framework for simulated annealing. 2012,	2

377	Experimental and numerical investigation of an adaptive simulated annealing technique in optimization of warm tube hydroforming. 2012 , 226, 1869-1879	11
376	Efficient approximation of melting temperature in simulated annealing algorithms applied to Chebyshev travelling salesman problem. 2012 , 4, 145	
375	Rational swarm for global optimisation. 2012 , 1, 3	
374	Bayesian multi-resolution spatial analysis with applications to marketing. 2012 , 10, 419-452	13
373	Approximate stochastic annealing for online control of infinite horizon Markov decision processes. 2012 , 48, 2182-2188	4
372	Convergence proofs for Simulated Annealing falsification of safety properties. 2012,	14
371	Instantaneous forwarding capacity under the SINR threshold interference model. 2012,	
370	Buckling of multicomponent elastic shells with line tension. 2012 , 8, 636-644	35
369	Who is the fairest of them all?. 2012 ,	2
368	An approach to action planning based on Simulated Annealing. 2012 ,	
367	Joint signal-labeling optimization under peak power constraint. 2012 , 30, 251-263	9
366	Distributed stochastic power control in ad hoc networks: a nonconvex optimization case. 2012 , 2012,	3
365	Stochastic Approach to Global Optimization at a Glance. 2012 , 1-6	4
364	Unconstrained Local Optimization. 2012 , 7-19	
363	References. 2012 , 642-688	
362	Predictable Equation-Based Analog Optimization Based on Explicit Capture of Modeling Error Statistics. 2012 , 31, 1485-1498	14
361	Stochastic Convergence. 2012 , 847-869	2
360	Optimization for image transmission over varying channel with MCMC. 2012 , 2012,	O

359	Simulated Annealing. 2012 , 1623-1655	72
358	Improving Wishart Classification of Polarimetric SAR Data Using the Hopfield Neural Network Optimization Approach. 2012 , 4, 3571-3595	16
357	Optimal Sizing of Harmonic Filters in Electrical Systems: Application of a Double Simulated Annealing Process. 2012 ,	
356	A Simulated Annealing Based Approach to Integrated Circuit Layout Design. 2012 ,	
355	Averaging frameworks for simulation optimization with applications to simulated annealing. 2012 , 59, 411-429	10
354	Adaptive sequential design for regression on multi-resolution bases. 2012 , 22, 753-772	
353	Reverse Monte Carlo modeling of thermal disorder in crystalline materials from EXAFS spectra. 2012 , 183, 1237-1245	45
352	Application of simulated annealing method to pressure and force loading optimization in tube hydroforming process. 2012 , 55, 78-84	48
351	New bounds for binary covering arrays using simulated annealing. 2012 , 185, 137-152	61
350	. 2012 , 61, 1810-1822	8
349	Belief Propagation Methods for Intercell Interference Coordination in Femtocell Networks. 2012 , 30, 631-640	49
348	Simulated Q-annealing: conformational search with an effective potential. 2012 , 18, 213-20	3
348 347	Simulated Q-annealing: conformational search with an effective potential. 2012 , 18, 213-20 From simulated annealing to stochastic continuation: a new trend in combinatorial optimization. 2013 , 56, 185-215	3
	From simulated annealing to stochastic continuation: a new trend in combinatorial optimization.	
347	From simulated annealing to stochastic continuation: a new trend in combinatorial optimization. 2013 , 56, 185-215	
347	From simulated annealing to stochastic continuation: a new trend in combinatorial optimization. 2013 , 56, 185-215 References. 2013 , 423-455	20
347 346 345	From simulated annealing to stochastic continuation: a new trend in combinatorial optimization. 2013, 56, 185-215 References. 2013, 423-455 On the Convergence of Chemical Reaction Optimization for Combinatorial Optimization. 2013, 17, 605-620	20

341	An investigation into the effectiveness of simulated annealing as a solution approach for the generator maintenance scheduling problem. 2013 , 53, 166-174	49
340	The Case Analysis of Genetic Algorithm. 2013 ,	
339	Design of optimal 2-D nongrid sparse arrays for medical ultrasound. 2013 , 60, 3093-102	55
338	Numerical study of spin-torque oscillators with perpendicular-to-plane polarizer by using a Heuristic method. 2013 ,	
337	Sequential Monte Carlo simulated annealing. 2013 , 55, 101-124	20
336	Other Methodologies for Investigating Atomic Structure. 2013 , 149-186	
335	Markov Chain Monte Carlo Methods. 2013 , 271-302	17
334	Simulated Annealing Optimization for Hydrocarbon Pipeline Networks. 2013 , 52, 8579-8588	13
333	An Approximate Bayesian Marginal Likelihood Approach for Estimating Finite Mixtures. 2013 , 42, 1533-1548	3
332	A Dynamic Task Scheduling Strategy Based on MVFSA in Cloud Computing Environment. 2013 , 427-429, 2596-2599	1
331	A hybrid Tabu sample-sort simulated annealing approach for solving distributed scheduling problem. 2013 , 51, 2602-2619	19
330	Two optimization strategies of multi-stage design in clinical proteomic studies. 2013 , 12, 263-83	1
329	Efficient simulated annealing for full inverse treatment planning. 2013,	
328	Common control channel assignment in cognitive radio networks using potential game theory. 2013 ,	
327	Chaotic simulated annealing for task allocation in a multiprocessing system. 2013,	1
326	THE NOISY EXPECTATIONâMAXIMIZATION ALGORITHM. 2013 , 12, 1350012	23
325	Influence of frictions on gait optimization of a biped robot with an anthropomorphic knee. 2013,	
324	Designing DNA barcodes orthogonal in melting temperature by simulated annealing optimization. 2013 , 23, 140-51	

(2014-2013)

323	Chaotic Walk in Simulated Annealing Search Space for Task Allocation in a Multiprocessing System. 2013 , 7, 58-79	2
322	A Chaotic Complexity Measure for Cognitive Machine Classification of Cyber-Attacks on Computer Networks. 2014 , 8, 45-69	8
321	Cooperative Relative Navigation of Spacecraft Using Flash Light Detection and Ranging Sensors. 2014 , 37, 452-465	25
320	Power controlled system revenue maximization in large-scale heterogeneous cellular networks. 2014 ,	2
319	Simulated Annealing. 2014 , 265-285	17
318	Stochastic Methods for Single Objective Global Optimization. 2014 , 63-112	
317	Optimal tuning of DC motor via simulated annealing. 2014 ,	2
316	Cooling schedule for multi-objective simulated annealing algorithm. 2014,	O
315	Hopfield Networks, Simulated Annealing, and Chaotic Neural Networks. 2014 , 159-186	3
314	VillageLink: Wide-area wireless coverage. 2014 ,	6
313	Convergence in Distribution of Some Self-Interacting Diffusions. 2014 , 2014, 1-13	1
312	Simulated Annealing Algorithm Combined with Chaos for Task Allocation in Real-Time Distributed Systems. 2014 , 2014, 1-13	2
311	Enhancing sink-location privacy in global-eavesdropper sensor networks. 2014,	
310	Interference-aware system utility maximization for cognitive radio networks. 2014,	
309	A simulated annealing algorithm for sparse recovery by l0 minimization. 2014 , 131, 98-104	19
	Evolutionary annealing: global optimization in measure spaces. 2014 , 58, 75-108	1
308	Evolutionally annicating, grobat optimization in incastic spaces. 2011, 30, 13 100	1
307	Design method using hybrid of line-type and circular-type routes for transit network system optimization. 2014 , 22, 600-613	5

305	A new adaptive mutation simulated annealing algorithm: application to the study of pure and mixed Ptâ P d clusters. 2014 , 52, 368-397	9
304	A heuristic search algorithm for the multiple measurement vectors problem. 2014 , 100, 1-8	14
303	Simulation optimization: a review of algorithms and applications. 2014 , 12, 301-333	73
302	Asynchronous Gossip for Averaging and Spectral Ranking. 2014 , 8, 703-716	5
301	Simulated Annealing. 2014 , 67-75	5
300	A local landscape mapping method for protein structure prediction in the HP model. 2014 , 13, 309-319	1
299	Optimization of information retrieval for cross media contents in a best practice network. 2014 , 3, 147-159	3
298	Automated statistical matching of multiple tephra records exemplified using five long maar sequences younger than 75 ka, Auckland, New Zealand. 2014 , 82, 405-419	15
297	Particle methods: An introduction with applications. 2014 , 44, 1-46	10
296	Simulated Annealing. 2014 ,	1
295	Election Day Routing of Rapid Response Attorneys. 2014 , 52, 1-9	2
294	Critical behaviour in charging of electric vehicles. 2015 , 17, 095001	12
293	Interpreting the flock algorithm from a statistical perspective. 2015 , 15, 1020-30	4
292	A study of different annealing schedules in SARNA-predict. 2015 , 8, 152-171	1
291	Stereological reconstruction of polycrystalline materials. 2015 , 258, 190-9	10
2 90	Single Step Process for Self-Assembled Block Copolymer Patterns via in Situ Annealing during Spin-Casting. 2015 , 4, 656-660	10
289	Waiting times in evolutionary dynamics with time-decreasing noise. 2015, 44, 499-514	1
288	Investigation of Simulated Annealing Cooling Schedule for Mobile Recommendations. 2015,	2

(2016-2015)

287	. 2015,	4
286	Optimized Packings with Applications. 2015 ,	8
285	Distributed learning algorithms for spectrum sharing in spatial random access networks. 2015,	5
284	An information guided framework for simulated annealing. 2015 , 62, 131-154	5
283	MSANOS: Data-Driven, Multi-Approach Software for Optimal Redesign of Environmental Monitoring Networks. 2015 , 29, 619-644	17
282	Reinforcement Learning with Restrictions on the Action Set. 2015 , 53, 287-312	3
281	Minimization of \$ell_{1-2}\$ for Compressed Sensing. 2015 , 37, A536-A563	187
280	Bounds Implied by Drift with Applications. 2015,	
279	Enhancing network robustness via shielding. 2015 ,	13
278	A Review of Random Search Methods. 2015 , 277-292	11
277	Simulation-Based Optimization. 2015 ,	16
276	Comparison of least-squares and simulated annealing to estimate fault parameters from airborne gravity gradiometry. 2015 , 59, 21-50	3
275	Handbook of Simulation Optimization. 2015,	64
274	Monte Carlo Algorithms for Identifying Densely Connected Subgraphs. 2015 , 24, 827-845	1
273	The bee colony optimization algorithm and its convergence. 2016 , 8, 340	13
272	. 2016,	1
271	Reciprocity and Efficiency in Peer Exchange of Wireless Nodes Through Convex Optimization. 2016 , 3, 257-270	2
270	Simulated Annealing. 2016 , 19-50	2

269	PID controller tuned using Simulated Annealing for assured crew re-entry vehicle with PWPF thruster firing. 2016 ,	1
268	Monte Carlo Methods. 2016 , 1-13	5
267	Global Diffusion Tractography by Simulated Annealing. 2017 , 64, 649-660	1
266	On a Modular Approach to the Design of Integrated Social Surveys. 2016 , 32, 259-286	4
265	Quantum Annealing with Markov Chain Monte Carlo Simulations and D-Wave Quantum Computers. 2016 , 31,	9
264	Using simulated annealing for computing cost-aware covering arrays. 2016 , 49, 1129-1144	3
263	Simulated Annealing. 2016 , 29-36	16
262	Simulated Annealing, Its Variants and Engineering Applications. 2016 , 25, 1630001	51
261	Adaptive predictions of the euro/zBty currency exchange rate using state space wavelet networks and forecast combinations. 2016 , 26, 161-173	2
260	Bibliography. 2016 , 187-195	
259	Simulated annealing for the machine reassignment problem. 2016 , 242, 93-114	7
258	Simulation optimization: a review of algorithms and applications. 2016 , 240, 351-380	195
257	Parallel metaheuristics for the cyclic flow shop scheduling problem. 2016 , 95, 156-163	14
256	Discrete state transition algorithm for unconstrained integer optimization problems. 2016 , 173, 864-874	46
255	The Noisy Expectation-Maximization Algorithm for Multiplicative Noise Injection. 2016, 15, 1650007	15
254	Structural optimization of lattice steel transmission towers. 2016 , 117, 274-286	16
253	Parallel Simulated Annealing Using an Adaptive Resampling Interval. 2016 , 53, 23-31	16
252	Minimizing Radio Resource Usage for Machine-to-Machine Communications through Data-Centric Clustering. 2016 , 15, 3072-3086	13

251	Intelligent greedy pursuit model for sparse reconstruction based on l0 minimization. 2016 , 122, 138-151	8
250	Metaheuristics for Production Systems. 2016 ,	7
249	Simulated annealing variants for self-organized resource allocation in small cell networks. 2016 , 38, 762-770	9
248	Forecasting inflation and GDP growth using heuristic optimisation of information criteria and variable reduction methods. 2016 , 100, 369-382	15
247	A multiproduct economic order quantity model with simulated annealing application. 2017 , 12, 119-142	3
246	. 2017 , 25, 2209-2222	22
245	Nonasymptotic analysis of adaptive and annealed Feynmanâßac particle models. 2017, 23,	6
244	Joint Uplink Base Station Association and Power Control for Small-Cell Networks With Non-Orthogonal Multiple Access. 2017 , 16, 5567-5582	74
243	The Nature of Nature: Why Nature-Inspired Algorithms Work. 2017 , 1-27	2
242	A Cooperation-Based Caching Scheme for Heterogeneous Networks. 2017 , 5, 15013-15020	13
241	Satellite observation scheduling with a novel adaptive simulated annealing algorithm and a dynamic task clustering strategy. 2017 , 113, 576-588	32
240	A new hybrid particle swarm and simulated annealing stochastic optimization method. 2017 , 60, 634-654	71
239	A Low-Complexity Approach to Distributed Cooperative Caching with Geographic Constraints. 2017	10
238	Hybrid optimization and Bayesian inference techniques for a non-smooth radiation detection problem. 2017 , 111, 955-982	9
237	A Low-Complexity Approach to Distributed Cooperative Caching with Geographic Constraints. 2017 , 45, 2-2	1
236	Procuring load curtailment from local customers under uncertainty. 2017 , 375,	1
235	Posterior exploration based sequential Monte Carlo for global optimization. 2017, 69, 847-868	5
234	Distributed Learning Algorithms for Spectrum Sharing in Spatial Random Access Wireless Networks. 2017 , 62, 2854-2869	18

233	Formulating and solving sustainable stochastic dynamic facility layout problem: a key to sustainable operations. 2017 , 253, 621-655	31
232	Electric Power Distribution. 2017 , 271-291	
231	A Hidden Markov Model Approach to the Problem of Heuristic Selection in Hyper-Heuristics with a Case Study in High School Timetabling Problems. 2017 , 25, 473-501	19
230	Cache policies for linear utility maximization. 2017,	9
229	Modeling and controller design for helicopter dynamics. 2017,	
228	Optimal distributed channel assignment in D2D networks using learning in noisy potential games. 2017 ,	1
227	Metaheuristic search techniques for multi-objective and stochastic problems: a history of the inventions of Walter J. Gutjahr in the past 22 years. 2018 , 26, 331-356	2
226	Cache Policies for Linear Utility Maximization. 2018 , 26, 302-313	21
225	Age hardening process modeling and optimization of aluminum alloy A356/Cow horn particulate composite for brake drum application using RSM, ANN and simulated annealing. 2018 , 14, 336-345	22
224	A new co-evolutionary decomposition-based algorithm for bi-level combinatorial optimization. 2018 , 48, 2847-2872	14
223	Mimicking the collective intelligence of human groups as an optimization tool for complex problems. 2018 , 110, 259-266	14
222	Discrete optimization via gradient-based adaptive stochastic search methods. 2018 , 50, 789-805	1
221	A hybrid local-search algorithm for robust job-shop scheduling under scenarios. 2018 , 62, 259-271	22
220	Application of a hybrid algorithm âBSOSA in well test parameter estimation. 2018, 4, 430-436	4
219	The Layout and Internal Development of Celtic Fields: Structural and Relative Chronological Analyses of Three Danish Field Systems. 2018 , 21, 385-410	5
218	Optimum stacking sequence design of laminates using a hybrid PSO-SA method. 2018 , 185, 607-618	22
217	. 2018 , 17, 969-981	22
216	Network partitioning algorithms as cooperative games. 2018 , 5, 11	6

215	. 2018,	3
214	. 2018,	2
213	Simulated Annealing for Optimal Resource Allocation in Wireless Networks with Imperfect Communications. 2018 ,	3
212	Monte Carlo Methods for Randomized Likelihood Decoding. 2018,	1
211	Cell Movement. 2018,	2
21 0	Automatic Calibration of the Deceived Non Local Means Filter for Improving the Segmentation of Cells in Fluorescence Based Microscopy. 2018 ,	1
209	Hazardous Source Estimation Using an Artificial Neural Network, Particle Swarm Optimization and a Simulated Annealing Algorithm. 2018 , 9, 119	14
208	Segmentation of lettuce in coloured 3D point clouds for fresh weight estimation. 2018 , 154, 373-381	20
207	Simultaneous Positioning and Orientating for Visible Light Communications: Algorithm Design and Performance Analysis. 2018 , 67, 11790-11804	21
206	Nature-Inspired Heuristics: Overview and Critique. 2018 , 158-192	O
205	Wireless Caching in Large-Scale Edge Access Points. 2018,	4
204	Approaches for computing test-case-aware covering arrays. 2018 , 28, e1689	1
203	A hybrid genetic algorithm with 2D encoding for the scheduling of rehabilitation patients. 2018 , 125, 221-231	10
202	Multi-objective performance improvements of general finite single-server queueing networks. 2018 , 24, 757-781	10
201	The Air Traffic Controller Work-Shift Scheduling Problem in Spain from a Multiobjective Perspective: A Metaheuristic and Regular Expression-Based Approach. 2018 , 2018, 1-15	2
200	Optimal Dual-Connectivity Traffic Offloading in Energy-Harvesting Small-Cell Networks. 2018 , 2, 1041-1058	6
199	How to Calculate the Barycenter of a Weighted Graph. <i>Mathematics of Operations Research</i> , 2018 , 43, 1085-1118	2
198	Clustering multilayer omics data using MuNCut. 2018 , 19, 198	9

197	Comparison of metaheuristics to measure gene effects on phylogenetic supports and topologies. 2018 , 19, 218	О
196	. 2019 , 45, 1270-1291	4
195	Metastability in Stochastic Replicator Dynamics. 2019 , 9, 366-390	8
194	Binary optimization by momentum annealing. 2019 , 100, 012111	23
193	Synchronized scheduling of production and outbound shipping using bilevel-based simulated annealing algorithm. 2019 , 137, 106050	4
192	A Self Controlled Simulated Annealing Algorithm using Hidden Markov Model State Classification. 2019 , 148, 512-521	8
191	Enhanced modelling of the transformer winding high frequency parameters identification from measured frequency response analysis. 2019 , 13, 1339-1345	5
190	Simulated Annealing-optimized Trajectory Planning within Non-Collision Nominal Intervals for Highway Autonomous Driving. 2019 ,	
189	Reconstruction of jointly sparse vectors via manifold optimization. 2019 , 144, 140-150	3
188	Solving the Multi-Period Water Distribution Network Design Problem with a Hybrid Simulated Anealling. 2019 , 3-16	1
187	A fully distributed learning algorithm for power allocation in heterogeneous networks. 2019 , 101, 1287-1303	
186	A randomized nonmonotone adaptive trust region method based on the simulated annealing strategy for unconstrained optimization. 2019 , 12, 389-399	1
185	Parallel MCMC methods for global optimization. 2019 , 25, 227-237	
184	Toward Optimal Grouping and Resource Allocation for Multicast Streaming in LTE. 2019 , 68, 12239-12255	3
183	A Parallel Simulated Annealing Enhancement of the Optimal-Matching Heuristic for Ridesharing. 2019 ,	8
182	Facility Location with Tree Topology and Radial Distance Constraints. 2019 , 2019, 1-29	4
181	Generalized Simulated Annealing with Sequentially Modified Cost Function for Combinatorial optimization Problems. 2019 ,	
180	A NSGA-II Algorithm Hybridizing Local Simulated-Annealing Operators for a Bi-Criteria Robust Job-Shop Scheduling Problem Under Scenarios. 2019 , 27, 1075-1084	21

179	Revisiting simulated annealing: A component-based analysis. 2019 , 104, 191-206	50
178	Specification of mixed logit models assisted by an optimization framework. 2019 , 30, 50-60	12
177	Stochastic Search in Metaheuristics. 2019 , 513-540	
176	Handbook of Metaheuristics. 2019,	46
175	Optimal sub-tree scheduling for wireless sensor networks with partial coverage. 2019 , 61, 20-35	5
174	A fast global matching pursuit algorithm for sparse reconstruction by (l_{0}) minimization. 2020 , 14, 277-284	1
173	Distributed Learning in Noisy-Potential Games for Resource Allocation in D2D Networks. 2020 , 19, 2761-2773	3
172	Quantum-inspired algorithm for radiotherapy planning optimization. 2020 , 47, 5-18	3
171	Multi-objective Management in Freight Logistics. 2020,	2
170	A Queue-Length Based Approach to Metropolized Hamiltonians for Distributed Scheduling in Wireless Networks. 2020 ,	
169	Open Semantic Technologies for Intelligent System. 2020 ,	
168	Similarity Caching: Theory and Algorithms. 2020 ,	5
167	A Novel Medium Access Control Algorithm for Ad Hoc Networks Based on Ising Model. 2020 , 8, 161682-16169	1ւ
166	. 2020,	2
165	Computer software for analysis and design optimization of power transmission structures by simulated annealing and sensitivity analysis. 2020 , 37, 3649	2
164	A stochastic approach to full inverse treatment planning for charged-particle therapy. 2020 , 77, 853-893	3
163	Hierarchical Offloading for Delay-Constrained Applications in Fog RAN. 2020 , 69, 4257-4270	9
162	Quantum Annealing via Path-Integral Monte Carlo With Data Augmentation. 2021 , 30, 284-296	1

161	Looking for Charizard: applying the orienteering problem to location-based games. 2021 , 37, 31-45	1
160	Optimization of building fenestration and shading for climate-based daylight performance using the coupled genetic algorithm and simulated annealing optimization methods. 2021 , 30, 195-214	6
159	Simulated Annealing. 2021 , 83-90	
158	An Improved Dyna-Q Algorithm for Mobile Robot Path Planning in Unknown Dynamic Environment. 2021 , 1-11	3
157	Selective inference for latent block models. 2021 , 15,	
156	. 2021, 1-1	1
155	Hybrid Simulated Annealing to Optimize the Water Distribution Network Design: A Real Case. 2021 , 19-34	2
154	An improved Hopfield Lagrange network with application on motor efficiency optimization.	1
153	Benchmarking Quantum Annealing Against â⊞ardâ∏nstances of the Bipartite Matching Problem. 2021 , 2, 1	2
152	Implementation of a Hybrid Classical-Quantum Annealing Algorithm for Logistic Network Design. 2021 , 2, 1	6
151	Aluminium Parts Casting Scheduling Based on Simulated Annealing. 2021, 9, 741	2
150	Automation for sewer pipe assessment: CCTV video interpretation algorithm and sewer pipe video assessment (SPVA) system development. 2021 , 125, 103622	2
149	An IRGA-MACS Based Cluster-Head Selection Protocol for Wireless Sensor Networks. 2021 , 21, 166-182	
148	A computer tool to identify best matches for pottery fragments. 2021 , 37, 102891	3
147	Systematic Design and Optimization of Large DC Distribution Architectures Using Simulated Annealing. 2021 ,	
146	A complete restricted Boltzmann machine on an adiabatic quantum computer. 2141003	3
145	An Optimized Weighted Average Makespan in Fault-Tolerant Heterogeneous MPSoCs. 2021 , 32, 1933-1946	О
144	Temporal sampling annealing schemes for receding horizon multi-agent planning. 2021 , 143, 103823	

Fuzzy rule-based acceptance criterion in metaheuristic algorithms. **2021**,

142	Stability of energy landscape for Ising models. 2021 , 583, 126208	O
142	Stability of Chergy landscape for ising models. 2021 , 303, 120200	O
141	Quantum Semantic Learning by Reverse Annealing of an Adiabatic Quantum Computer. 2021, 4, 2000133	11
140	Adaptive Simulated Annealing for Energy Minimization Problem in a Marked Point Process Application. 2005 , 3-17	11
139	On Logarithmic Simulated Annealing. 2000 , 301-314	4
138	Optimal Anytime Constrained Simulated Annealing for Constrained Global Optimization. 2000 , 425-440	5
137	Large Deviations, Evolutionary Computation and Comparisons of Algorithms. 2000, 79-88	2
136	Convergence Analysis of Simulated Annealing-Based Algorithms Solving Flow Shop Scheduling Problems. 2000 , 277-290	2
135	On Various Cooling Schedules for Simulated Annealing Applied to the Job Shop Problem. 1998 , 260-279	7
134	Effectiveness of heuristics and simulated annealing for the scheduling of concurrent tasks âlʿAn empirical comparison. 1993 , 452-463	3
133	Simulated Annealing and its problems to color graphs. 1996 , 138-151	6
132	General cooling schedules for a simulated annealing based timetabling system. 1996 , 345-363	24
131	Image segmentation via energy minimization on partitions with connected components. 1997, 99-116	1
130	Encyclopedia of Optimization. 2008 , 2061-2075	2
129	A Modified Perception Algorithm for Computer-Assisted Diagnosis. 2001 , 199-211	1
128	Hopfield Networks, Simulated Annealing, and Chaotic Neural Networks. 2019 , 173-200	1
127	Chunking Applied to Reactive Tabu Search. 1996 , 555-569	3
126	Analyzing the Performance of Local Search Algorithms Using Generalized Hill Climbing Algorithms. 2002 , 441-467	3

125	Stochastic Methods. 1995 , 829-869	47
124	Monte Carlo Methods for Discrete Stochastic Optimization. 2001 , 97-119	5
123	The Randomized Greedy Modularity Clustering Algorithm and the Core Groups Graph Clustering Scheme. 2014 , 17-36	6
122	VillageLink: A Channel Allocation Technique for Wide-Area White Space Networks. 2015 , 249-280	3
121	Tabu Search Approaches for Two Car Sequencing Problems with Smoothing Constraints. 2016 , 167-190	6
120	Bayesian Uncertainty Quantification for Particle-Based Simulation of Lipid Bilayer Membranes. 2018 , 77-102	1
119	On the Complexity to Approach Optimum Solutions by Inhomogeneous Markov Chains. 2004 , 642-653	1
118	Simulated Annealing for Optimal Pivot Selection in Jacobian Accumulation. 2003, 83-97	4
117	Stochastic Protein Folding Simulation in the d-Dimensional HP-Model. 2007, 381-394	4
116	Machine Learning Techniques for Face Analysis. 2008 , 159-187	5
115	Protein Folding Simulation by Two-Stage Optimization. 2009 , 138-145	8
114	Co-operative, Parallel Simulated Annealing for the VRPTW. 2011 , 495-504	1
113	Theoretically Grounded Acceleration Techniques for Simulated Annealing. 2013, 311-335	5
112	Design of a Teleprocessing Communication Network Using Simulated Annealing. 1993 , 201-215	3
111	Balanced Grouping through Simulated Annealing. 1993 , 275-290	1
110	Some Algorithms for â B ond EnergyâlData Analysis, Including Simulated Annealing. 1990 , 139-152	2
109	Fluid Flow in Fractured Rock: Theory and Application. 1991 , 203-241	2
108	Stochastic Simulation and Conditioning by Annealing in Reservoir Description. 1994 , 43-55	11

107	Construction of Equivalent Discontinuum Models for Fracture Hydrology. 1993 , 241-295	3
106	Dynamiques recuites de type Feynman-Kac´: rŝultats prĉis et conjectures. 2006 , 10, 76-140	4
105	Ordonnancement de tühes sur un systine multiprocesseur - modles dierministes et modles stochastiques. 1994 , 28, 221-253	1
104	A Low-Complexity Approach to Distributed Cooperative Caching with Geographic Constraints. 2017 , 1, 1-25	17
103	Global Optimization with Exploration/Selection Algorithms and Simulated Annealing. 2002, 12,	24
102	Piecewise constant triangular cooling schedules for generalized simulated annealing algorithms. 1998 , 8,	8
101	A new genetic algorithm. 1996 , 6,	18
100	Sur les probl î hes de sortie discrets inhomogfies. 1996 , 6,	13
99	Geometric inequalities for the eigenvalues of concentrated Markov chains. 2000, 37, 15-28	1
98	Simple conditions for the convergence of simulated annealing type algorithms. 1998 , 35, 885-892	10
98 97	Simple conditions for the convergence of simulated annealing type algorithms. 1998, 35, 885-892 On the convergence of evolution processes with time-varying mutations and local interaction. 2001, 38, 301-323	10
	On the convergence of evolution processes with time-varying mutations and local interaction. 2001	
97	On the convergence of evolution processes with time-varying mutations and local interaction. 2001 , 38, 301-323	6
97 96	On the convergence of evolution processes with time-varying mutations and local interaction. 2001, 38, 301-323 Optimal Stratification and Allocation for the June Agricultural Survey. 2018, 34, 121-148 Interactive simulated annealing for solving imprecise discrete multiattribute problems under risk.	6
97 96 95	On the convergence of evolution processes with time-varying mutations and local interaction. 2001, 38, 301-323 Optimal Stratification and Allocation for the June Agricultural Survey. 2018, 34, 121-148 Interactive simulated annealing for solving imprecise discrete multiattribute problems under risk. 2002, 22, 265-280	6 1 2
97 96 95 94	On the convergence of evolution processes with time-varying mutations and local interaction. 2001, 38, 301-323 Optimal Stratification and Allocation for the June Agricultural Survey. 2018, 34, 121-148 Interactive simulated annealing for solving imprecise discrete multiattribute problems under risk. 2002, 22, 265-280 Insights Into Simulated Annealing. 2018, 121-139	6 1 2
97 96 95 94 93	On the convergence of evolution processes with time-varying mutations and local interaction. 2001, 38, 301-323 Optimal Stratification and Allocation for the June Agricultural Survey. 2018, 34, 121-148 Interactive simulated annealing for solving imprecise discrete multiattribute problems under risk. 2002, 22, 265-280 Insights Into Simulated Annealing. 2018, 121-139 Computer Vision. 2021, 1170-1174	6 1 2

89	Kooperative lokale Suche Wann lohnt der Heterogenit t sverlust?. 2001 , 63-85
88	Encyclopedia of Operations Research and Management Science. 2001 , 748-751
87	A Simulated Annealing and Resampling Method for Training Perceptrons to Classify Gene-Expression Data. 2002 , 401-407
86	Epicurean-style Learning Applied to the Classification of Gene-Expression Data. 2003 , 47-59
85	Improved bounds for the large-time behaviour of simulated annealing. 2003 , 40, 961-969
84	New Heuristics for Flowshop Scheduling. 2004 , 81-86
83	BIBLIOGRAPHY. 2005 , 575-631
82	Recuit simul: 2006 , 31-50
81	Simulated Annealing.
80	LSA-based Landscape Analysis for Multicast Routing. 2007 , 187-200
79	Simultaneous Facility Layout and Materials- Handling System Design. 2007,
78	Convergence Analysis of Evolution Strategies with Random Numbers of Offspring. 2008 , 21-30
77	Towards optimal MAC without message passing in wireless networks. 2009 , 1
76	Optimierung. 2010 , 141-190
75	Iterative Search. 2011 , 83-109
74	References. 563-570
73	Bayesian Multi-Resolution Spatial Analysis with Applications to Marketing.
72	Stochastic Optimization Methods. 2013 , 81-105

Bibliography. 325-339 71 Variable Selection for Large Unbalanced Datasets Using Non-Standard Optimisation of Information 70 Criteria and Variable Reduction Methods. Spatial Graphs Cost and Efficiency: Exploring Edges Competition by MCMC. 2014, 97-108 69 Computer Vision. 2014, 737-741 68 Kraftwerkseinsatzplanung Mittels Zufallsgesteuerter Suchstrategien. 1990, 95-102 67 Unit Commitment Problem by Simulated Annealing and an Analysis of Neighbourhood Structure. 66 **1992**, 313-316 Simulated Annealing â[Absorption & Recurrent Behaviour in Time-Inhomogeneous Markov Chains. 65 1992, 290-293 ComputergestEzte Koordination von Referaten eines Kongresses unter Verwendung von 64 OR-Methoden. 1993, 113-125 Guaranteed Convergence of Learning in Neural Networks. 1993, 533-538 63 Simulated annealing with modified generation mechanism for flow shop scheduling problems. 62 **1993**, 809-814 Static allocation of tasks on multiprocessor architectures with interprocessor communication 61 1 delays. 1993, 488-499 Modelling and Estimation for Random Fields. 1993, 391-412 60 Preliminaries. 1993, 6-37 59 Bibliography. 1994, 877-970 58 Preliminaries. 1994, 6-36 57 56 Parametric Statistical Estimation with Artificial Neural Networks: A Condensed Discussion. 1994, 127-146 Domain Decomposition Methods and Adaptive Flow Simulation on Unstructured Meshes. 1995, 13-25 55 Die Auswahl der optimalen Systemkonfiguration. 1995, 156-224 54

53	Existenz und Negation in Mathematik und Logik. 1995 , 37-53	
52	Random Tours. 1996 , 335-491	
51	Entwicklung eines Einlastungsverfahrens auf der Grundlage von Akzeptanzalgorithmen. 1998 , 245-353	
50	On the problem of exit from cycles for simulated annealing processesa backward equation approach. 1998 , 8,	
49	A Simulated Annealing-Based Learning Algorithm for Boolean DNF. 1999 , 193-204	
48	Finite Behavior of Simulated Annealing: A Probabilistic Study. 1999 , 223-235	
47	Parametric Optimization: Stochastic Gradients and Adaptive Search. 2015, 71-122	1
46	Graph Coloring Models and Metaheuristics for Packing Applications. 2015 , 295-317	
45	A Fully Distributed Learning Algorithm for Power Allocation in Heterogeneous Networks. 2015 , 216-229	2
44	Bounds Implied by Drift with Applications. 2015 , 43, 1-1	
43	Bibliography. 185-205	
42	Cooperative Dynamic Domain Reduction. 2019 , 499-512	
41	Neural Network Data Processing Technology Based on Deep Belief Networks. 2020 , 234-244	1
40	Revisiting Old Combinatorial Beasts in the Quantum Age: Quantum Annealing Versus Maximal Matching. 2020 , 473-487	2
39	Computer Vision. 2021, 1-5	
38	AutoMoDe-IcePop: Automatic Modular Design of Control Software for Robot Swarms Using Simulated Annealing. 2020 , 3-17	1
37	Methoden und Modelle zur Tourenplanung. 2008 , 49-101	
36	Controlling mutation/selection algorithms with stochastic approximation.	1

35	Size of neighborhood more important than temperature for stochastic local search.	1
34		O
33	Simulated Annealing and Itâʿʿ Application in Molecular Structure Optimizations. 2021,	
32	A Quantum-Inspired Classical Solver for Boolean k-Satisfiability Problems. 2021,	
31	Accelerating MCMC by Rare Intermittent Resets. 2021 , 107-125	1
30	Asynchronous MMC PSA inversion of transient electromagnetic data. 1-18	
29	Fractional-Order PID Controller Design for Buck Converter System via Hybrid Lvy Flight Distribution and Simulated Annealing Algorithm. 1	3
28	Actor-Criticallike Stochastic Adaptive Search for Continuous Simulation Optimization.	
27	Clustering Network-Connected Devices Using Affiliation Graphs. 2021,	O
26	Coverage area maximization with parallel simulated annealing. 2022 , 117185	2
25	A Landscape-based Analysis of Fixed Temperature and Simulated Annealing. 2022,	1
24	Recuit simul: 2006, 31-50	
24	Recuit simul: 2006, 31-50 Mimicking of thermal spin dynamics by controlling sparsity of interactions in Ising spin computing with digital logic circuits.	0
	Mimicking of thermal spin dynamics by controlling sparsity of interactions in Ising spin computing	
23	Mimicking of thermal spin dynamics by controlling sparsity of interactions in Ising spin computing with digital logic circuits.	0
23	Mimicking of thermal spin dynamics by controlling sparsity of interactions in Ising spin computing with digital logic circuits. Model and solution for the traveling salesman problem with multiple time windows. 2022, 45, 01017	0
23	Mimicking of thermal spin dynamics by controlling sparsity of interactions in Ising spin computing with digital logic circuits. Model and solution for the traveling salesman problem with multiple time windows. 2022, 45, 01017 Near-optimal solutions of convex semi-infinite programs via targeted sampling.	0

17	Disjunctive Rule Lists.	Ο
16	A model and a numerical scheme for the description of distribution and abundance of individuals. 2022 , 85,	O
15	System Design for Pose Determination of Spacecraft Using Time-of-Flight Sensors. 2022 , 2022, 1-18	1
14	Global Optimization. 2022 , 307-328	O
13	Stochastic Gradient Schemes. 2022 , 191-225	0
12	Convergence of the kinetic annealing for general potentials. 2022 , 27,	O
11	NEURAL NETWORKS TRAINING BASED ON RANDOM SEARCH. 2022 , 39, 21-29	0
10	Throughput Maximization for the Full-Duplex Two-Way Relay System with Energy Harvesting. 2023 , 12, 16	1
9	Qubit Assignment Using Time Reversal. 2022 , 3,	0
8	Simulated Annealing Optimized Linear Controller for Assured Crew Re-entry Vehicle. 2022,	O
7	Efficient Adaptive Monte Carlo Uncertainty Forecasting for High Dimensional Nonlinear Dynamic Systems. 2023 , 11, 12119-12138	О
6	Adaptive PID Control Approach Considering Simulated Annealing Algorithm for Thermal Damage of Brain Tumor during Magnetic Hyperthermia. 2023 , 1-1	O
5	Performance improvement of a tubular heat exchanger by tube arrangement optimization using simulated annealing algorithm and blocked-off method. 2023 , 40, 101793	0
4	A hierarchical evolution of neural architecture search method based on state transition algorithm.	O
3	Mixing Time and Simulated Annealing for the Stochastic Cellular Automata. 2023, 190,	О
2	Markov chain Monte Carlo methods. 2023 , 279-309	О
1	Stochastic Optimization. 2023 , 36, 9-16	О