

Swarm intelligence based algorithms		Bio-inspired (not SI-based) algorithms	
Algorithm	Author	Algorithm	Author
Accelerated PSO	Yang et al.	Atmosphere clouds model	Yan and Hao
Ant colony optimization	Dorigo	Biogeography-based optimization	Simon
Artificial bee colony	Karaboga and Basturk	Brain Storm Optimization	Shi
Bacterial foraging	Passino	Differential evolution	Storn and Price
Bacterial-GA Foraging	Chen et al.	Dolphin echolocation	Kaveh and Farhoudi
Bat algorithm	Yang	Japanese tree frogs calling	Hernández and Blum
Bee colony optimization	Teodorović and Dell'Orco	Eco-inspired evolutionary algorithm	Parpinelli and Lopes
Bee system	Lucic and Teodorovic	Egyptian Vulture	Sur et al.
BeeHive	Wedde et al.	Fish-school Search	Lima et al.
Wolf search	Tang et al.	Flower pollination algorithm	Yang
Bees algorithms	Pham et al.	Gene expression	Ferreira
Bees swarm optimization	Drias et al.	Great salmon run	Mozaffari
Bumblebees	Comellas and Martinez	Group search optimizer	He et al.
Cat swarm	Chu et al.	Human-Inspired Algorithm	Zhang et al.
Consultant-guided search	Iordache	Invasive weed optimization	Mehrabian and Lucas
Cuckoo search	Yang and Deb	Marriage in honey bees	Abbass
Eagle strategy	Yang and Deb	OptBees	Maia et al.
Fast bacterial swarming algorithm	Chu et al.	Paddy Field Algorithm	Premaratne et al.
Firefly algorithm	Yang	Roach infestation algorithm	Havens
Fish swarm/school	Li et al.	Queen-bee evolution	Jung
Good lattice swarm optimization	Su et al.	Shuffled frog leaping algorithm	Eusuff and Lansey
Glowworm swarm optimization	Krishnanand and Ghose	Termite colony optimization	Hedayatzadeh et al.
Hierarchical swarm model	Chen et al.		
Krill Herd	Gandomi and Alavi	Physics and Chemistry based algorithms	
Monkey search	Mucherino and Seref	Big bang-big Crunch	Zandi et al.
Particle swarm algorithm	Kennedy and Eberhart	Black hole	Hatamlou
Virtual ant algorithm	Yang	Central force optimization	Formato
Virtual bees	Yang	Charged system search	Kaveh and Talatahari
Weightless Swarm Algorithm	Ting et al.	Electro-magnetism optimization	Cuevas et al.
		Galaxy-based search algorithm	Shah-Hosseini
		Gravitational search	Rashedi et al.
		Harmony search	Geem et al.
Anarchic society optimization	Shayeghi and Dadashpour	Intelligent water drop	Shah-Hosseini
Artificial cooperative search	Civicioglu	River formation dynamics	Rabanal et al.
Backtracking optimization search	Civicioglu	Self-propelled particles	Vicsek
Differential search algorithm	Civicioglu	Simulated annealing	Kirkpatrick et al.
Grammatical evolution	Ryan et al.	Stochastic diffusion search	Bishop
Impartialist competitive algorithm	Atashpaz-Gargari and Lucas	Spiral optimization	Tamura and Yasuda
League championship algorithm	Kashan	Water cycle algorithm	Eskandar et al.
Social emotional optimization	Xu et al.		
		Reference	Reference
		[69], [71]	[67]
		[15]	[56]
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		[29]	[80]
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Table 1. A list of algorithms

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