

# Shiu Yin Yuen

## List of Publications by Year in descending order

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31  
papers

553  
citations

932766

10  
h-index

752256

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Genetic Algorithm That Adaptively Mutates and Never Revisits. IEEE Transactions on Evolutionary Computation, 2009, 13, 454-472.	7.5	151
2	An Evolutionary Algorithm That Makes Decision Based on the Entire Previous Search History. IEEE Transactions on Evolutionary Computation, 2011, 15, 741-769.	7.5	54
3	An Improved Artificial Bee Colony Algorithm for Optimal Design of Electromagnetic Devices. IEEE Transactions on Magnetics, 2013, 49, 4811-4816.	1.2	45
4	A fast marching formulation of perspective shape from shading under frontal illumination. Pattern Recognition Letters, 2007, 28, 806-824.	2.6	37
5	On composing an algorithm portfolio. Memetic Computing, 2015, 7, 203-214.	2.7	34
6	Which algorithm should I choose: An evolutionary algorithm portfolio approach. Applied Soft Computing Journal, 2016, 40, 654-673.	4.1	34
7	Parameter control system of evolutionary algorithm that is aided by the entire search history. Applied Soft Computing Journal, 2012, 12, 3063-3078.	4.1	24
8	Non-revisiting genetic algorithm with adaptive mutation using constant memory. Memetic Computing, 2016, 8, 189-210.	2.7	24
9	Genetic algorithm with competitive image labelling and least square. Pattern Recognition, 2000, 33, 1949-1966.	5.1	23
10	A non-revisiting Genetic Algorithm. , 2007, , .		18
11	A sequential algorithm portfolio approach for black box optimization. Swarm and Evolutionary Computation, 2019, 44, 559-570.	4.5	13
12	Which algorithm should i choose at any point of the search. , 2013, , .		12
13	Recovering Shape by Shading and Stereo Under Lambertian Shading Model. International Journal of Computer Vision, 2009, 85, 58-100.	10.9	11
14	Non-revisiting stochastic search revisited: Results, perspectives, and future directions. Swarm and Evolutionary Computation, 2021, 61, 100828.	4.5	11
15	Selecting evolutionary algorithms for black box design optimization problems. Soft Computing, 2019, 23, 6511-6531.	2.1	10
16	On constructing alternative benchmark suite for evolutionary algorithms. Swarm and Evolutionary Computation, 2019, 44, 287-292.	4.5	10
17	A solution to illumination direction estimation of a shaded image: Genetic algorithm. Image and Vision Computing, 2010, 28, 1717-1730.	2.7	9
18	Illumination direction estimation for augmented reality using a surface input real valued output regression network. Pattern Recognition, 2010, 43, 1700-1716.	5.1	7

#	ARTICLE	IF	CITATIONS
19	A non-revisiting particle swarm optimization. , 2008, , .		5
20	A robust iterative hypothesis testing design of the repeated genetic algorithm. Image and Vision Computing, 2005, 23, 972-980.	2.7	4
21	A non-revisiting simulated annealing algorithm. , 2008, , .		4
22	Parameter control by the entire search history: Case study of history-driven evolutionary algorithm. , 2010, , .		4
23	Applying non-revisiting genetic algorithm to traveling salesman problem. , 2008, , .		3
24	Black Box Algorithm Selection by Convolutional Neural Network. Lecture Notes in Computer Science, 2020, , 264-280.	1.0	2
25	Equivalence of oblique and frontal illumination in perspective shape from shading. , 2007, , .		1
26	A Novel Robust Statistical Design of the Repeated Genetic Algorithm. Lecture Notes in Computer Science, 2001, , 668-675.	1.0	1
27	A Sequential Learnable Evolutionary Algorithm with a Novel Knowledge Base Generation Method. Lecture Notes in Computer Science, 2017, , 51-61.	1.0	1
28	A generic method to compose an algorithm portfolio with a problem set of unknown distribution. Memetic Computing, 0, , .	2.7	1
29	A dynamic history-driven evolutionary algorithm. , 2014, , .		0
30	On-line Search History-assisted Restart Strategy for Covariance Matrix Adaptation Evolution Strategy. , 2019, , .		0
31	A Bayesian Restarting Approach to Algorithm Selection. Lecture Notes in Computer Science, 2017, , 397-408.	1.0	0