

# Jung Yun Bae

## List of Publications by Year in descending order

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16  
papers

113  
citations

1478505

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1372567

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docs citations

16  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Heuristic for Efficient Coordination of Multiple Heterogeneous Mobile Robots Considering Workload Balance. IEEE Robotics and Automation Letters, 2021, 6, 4064-4070.	5.1	8
2	A Heuristic for Task Allocation and Routing of Heterogeneous Robots while Minimizing Maximum Travel Cost. , 2019, , .		7
3	Heuristics for Two Depot Heterogeneous Unmanned Vehicle Path Planning to Minimize Maximum Travel Cost. Sensors, 2019, 19, 2461.	3.8	6
4	Efficient path planning for multiple transportation robots under various loading conditions. International Journal of Advanced Robotic Systems, 2019, 16, 172988141983511.	2.1	5
5	A Heuristic for Path Planning of Multiple Heterogeneous Automated Guided Vehicles. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1765-1771.	2.2	17
6	A heuristic for a heterogeneous automated guided vehicle routing problem. International Journal of Precision Engineering and Manufacturing, 2017, 18, 795-801.	2.2	25
7	A primal-dual approximation algorithm for a two depot heterogeneous traveling salesman problem. Optimization Letters, 2016, 10, 1269-1285.	1.6	6
8	Approximation Algorithm for a Heterogeneous Vehicle Routing Problem. International Journal of Advanced Robotic Systems, 2015, 12, 113.	2.1	5
9	Approximation algorithms for multiple terminal, Hamiltonian path problems. Optimization Letters, 2012, 6, 69-85.	1.6	14
10	An Approximation Algorithm for a Heterogeneous Traveling Salesman Problem. , 2011, , .		4
11	Approximation algorithms for a heterogeneous Multiple Depot Hamiltonian Path Problem. , 2011, , .		2
12	Application of perturbation/correlation based gradient estimation for environment exploration. International Journal of Control, Automation and Systems, 2009, 7, 233-241.	2.7	3
13	Use of coded infrared light for mobile robot localization. Journal of Mechanical Science and Technology, 2008, 22, 1279-1286.	1.5	9
14	Active sensing based mobile robot exploration. , 0, , .		1
15	Exploration algorithm for multiple robots. , 0, , .		1
16	Exploration algorithm for multiple robots. , 0, , .		0