

Kai Zhang

List of Publications by Year in descending order

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papers

180
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times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	UAV Autonomous Aerial Combat Maneuver Strategy Generation with Observation Error Based on State-Adversarial Deep Deterministic Policy Gradient and Inverse Reinforcement Learning. Electronics (Switzerland), 2020, 9, 1121.	3.1	49
2	Evasive Maneuver Strategy for UCAV in Beyond-Visual-Range Air Combat Based on Hierarchical Multi-Objective Evolutionary Algorithm. IEEE Access, 2020, 8, 46605-46623.	4.2	31
3	Maneuver Strategy Generation of UCAV for within Visual Range Air Combat Based on Multi-Agent Reinforcement Learning and Target Position Prediction. Applied Sciences (Switzerland), 2020, 10, 5198.	2.5	18
4	Constrained Multi-Objective Weapon Target Assignment for Area Targets by Efficient Evolutionary Algorithm. IEEE Access, 2019, 7, 176339-176360.	4.2	16
5	Efficient Decision Approaches for Asset-Based Dynamic Weapon Target Assignment by a Receding Horizon and Marginal Return Heuristic. Electronics (Switzerland), 2020, 9, 1511.	3.1	12
6	Nondominated Maneuver Strategy Set With Tactical Requirements for a Fighter Against Missiles in a Dogfight. IEEE Access, 2020, 8, 117298-117312.	4.2	12
7	A Novel Heterogeneous Sensor-Weapon-Target Cooperative Assignment for Ground-to-Air Defense by Efficient Evolutionary Approaches. IEEE Access, 2020, 8, 227373-227398.	4.2	7
8	An Autonomous Attack Guidance Method with High Aiming Precision for UCAV Based on Adaptive Fuzzy Control under Model Predictive Control Framework. Applied Sciences (Switzerland), 2020, 10, 5677.	2.5	6
9	Multi-UCAV Air Combat in Short-Range Maneuver Strategy Generation using Reinforcement Learning and Curriculum Learning. , 2020, , .		6
10	An improved discrete Shuffled Frog Leaping Algorithm for cooperative Multi-Target assignment of BVR air combat. , 2014, , .		4
11	Discriminative Sparse Filtering for Multi-Source Image Classification. Sensors, 2020, 20, 5868.	3.8	4
12	A dynamic weapon target assignment based on receding horizon strategy by heuristic algorithm. Journal of Physics: Conference Series, 2020, 1651, 012062.	0.4	4
13	On the Behavior of Conformal Sierpinski Fractal Microstrip Antenna. , 2008, , .		3
14	Target Detecting Based on Improved WVD-HT for Radio Frequency Interference to UWB-SAR. , 2008, , .		2
15	Analysis of conformal Sierpinski fractal microstrip antenna. , 2008, , .		2
16	Design of broadband, low cost single layer reflectarray using phoenix cell. , 2013, , .		2
17	Angular glint modeling and simulation for complex targets. , 2008, , .		1
18	Low-cost single-layer broadband reflectarray for satellite communications. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Tactical preference based objectives for solving an evasion problem of fighter in air combat. Journal of Physics: Conference Series, 2020, 1570, 012024.	0.4	0