

Guo Xian

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

85
citations

1937685

4
h-index

2272923

4
g-index

20
all docs

20
docs citations

20
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	A Path-Integral-Based Reinforcement Learning Algorithm for Path Following of an Autoassembly Mobile Robot. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4487-4499.	11.3	21
2	A Novel Serpentine Gait Generation Method for Snake-like Robots Based on Geometry Mechanics. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1249-1258.	5.8	19
3	Guided Motion Planning for Snake-like Robots Based on Geometry Mechanics and HJB Equation. IEEE Transactions on Industrial Electronics, 2019, 66, 7120-7130.	7.9	17
4	A Survey of Sim-to-Real Transfer Techniques Applied to Reinforcement Learning for Bioinspired Robots. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3444-3459.	11.3	7
5	A Deep Reinforcement Learning Approach for the Pursuit Evasion Game in the Presence of Obstacles. , 2020, , .		4
6	Vision-based Path Following of Snake-like Robots. , 2021, , .		3
7	Goal-driven Motion Control of Snake Robots with Onboard Cameras via Policy Improvement with Path Integrals. , 2021, , .		3
8	A Novel Locomotion Controller Based on Coordination Between Leg and Spine for a Quadruped Salamander-Like Robot. , 2019, , .		2
9	Learning to Navigate in Unknown Environments Based on GMRP-N. , 2019, , .		2
10	Any Curve Path Following of Snake-like Robots. , 2019, , .		2
11	Reinforcement Learning-based Hierarchical Control for Path Following of a Salamander-like Robot. , 2020, , .		2
12	Approximate Soft Policy Iteration Based Reinforcement Learning for Differential Games with Two Pursuers versus One Evader. , 2020, , .		1
13	Relational Navigation Learning in Continuous Action Space among Crowds. , 2021, , .		1
14	Self-Tuning Attitude Control Design of Hypersonic Aircraft with Multi-Constraints Based on Soft-Constrained PI2 with Action Smooth. , 2020, , .		1
15	Key Frame Extraction of Assembly Process Based on Deep Learning. , 2018, , .		0
16	Deep FBSDE Controller for Attitude Control of Hypersonic Aircraft. , 2021, , .		0
17	Path Following for Snake Robot Using Crawler Gait Based on Path Integral Reinforcement Learning. , 2021, , .		0
18	Critic PI2: Master Continuous Planning via Policy Improvement with Path Integrals and Deep Actor-Critic Reinforcement Learning. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Robot Confrontation Based On Genetic Fuzzy System Guided Deep Deterministic Policy Gradient Algorithm. , 2020, , .		0
20	Deep Integrate Value Error for Trajectory Tracking Controller of Wheeled Inverted Pendulum Robot. , 2021, , .		0