

Azhar Aulia Saputra

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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citations

1684188

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17
docs citations

17
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Biologically Inspired Control System for 3-D Locomotion of a Humanoid Biped Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 898-911.	9.3	49
2	Combining pose control and angular velocity control for motion balance of humanoid robot soccer EROS. , 2014, , .		15
3	AQuRo: A Cat-like Adaptive Quadruped Robot With Novel Bio-Inspired Capabilities. Frontiers in Robotics and AI, 2021, 8, 562524.	3.2	14
4	Neuro-Activity-Based Dynamic Path Planner for 3-D Rough Terrain. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 138-150.	3.8	12
5	Dynamic Density Topological Structure Generation for Real-Time Ladder Affordance Detection. , 2019, , .		11
6	A Novel Capabilities of Quadruped Robot Moving through Vertical Ladder without Handrail Support. , 2019, , .		11
7	Combining Reflexes and External Sensory Information in a Neuromusculoskeletal Model to Control a Quadruped Robot. IEEE Transactions on Cybernetics, 2022, 52, 7981-7994.	9.5	10
8	Evolving a Sensoryâ€“Motor Interconnection Structure for Adaptive Biped Robot Locomotion. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 244-256.	3.8	9
9	Real-time Grasp Affordance Detection of Unknown Object for Robot-Human Interaction. , 2019, , .		9
10	A Muscle-Reflex Model of Forelimb and Hindlimb of Felidae Family of Animal with Dynamic Pattern Formation Stimuli. , 2020, , .		6
11	A Neural Primitive model with Sensorimotor Coordination for Dynamic Quadruped Locomotion with Malfunction Compensation. , 2020, , .		6
12	Synthesis of Neural Oscillator based Dynamic Rhythmic Generation in Quadruped Robot Locomotion. , 2018, , .		4
13	Evolving a Sensory-Motor Interconnection for Dynamic Quadruped Robot Locomotion Behavior. , 2018, , .		3
14	Multimodal Recurrent Neural Network (MRNN) Based Self Balancing System: Applied into Two-Wheeled Robot. Lecture Notes in Computer Science, 2016, , 596-608.	1.3	2
15	Layered neural-based locomotion for biped robot movement with carrying dynamic payload. Procedia Computer Science, 2019, 159, 418-427.	2.0	2
16	Neuro-based controller for push recovery behavior under external perturbations in biped robot. , 2016, , .		0
17	Optimization Model of Fast and Untrapped Neural Based Inverse Kinematic: Implementation on Multiple-Links Planar Robot. , 2018, , .		0