# Azhar Aulia Saputra

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1929856/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 17<br>papers | 163<br>citations | 1684188<br>5<br>h-index | 1720034<br>7<br>g-index |
| 17<br>all docs | 17<br>docs citations | 17<br>times ranked | 85<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | AQuRo: A Cat-like Adaptive Quadruped Robot With Novel Bio-Inspired Capabilities. Frontiers in Robotics and AI, 2021, 8, 562524. | 3.2 | 14 |
| 3 | A Muscle-Reflex Model of Forelimb and Hindlimb of Felidae Family of Animal with Dynamic Pattern Formation Stimuli. , 2020, , . | | 6 |
| 4 | A Neural Primitive model with Sensorimotor Coordination for Dynamic Quadruped Locomotion with Malfunction Compensation. , 2020, , . | | 6 |
| 5 | 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 |
| 6 | Layered neural-based locomotion for biped robot movement with carrying dynamic payload. Procedia Computer Science, 2019, 159, 418-427. | 2.0 | 2 |
| 7 | Dynamic Density Topological Structure Generation for Real-Time Ladder Affordance Detection. , 2019, , . | | 11 |
| 8 | A Novel Capabilities of Quadruped Robot Moving through Vertical Ladder without Handrail Support. , 2019, , . | | 11 |
| 9 | Real-time Grasp Affordance Detection of Unknown Object for Robot-Human Interaction. , 2019, , . | | 9 |
| 10 | 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 |
| 11 | Optimization Model of Fast and Untrapped Neural Based Inverse Kinematic: Implementation on Multiple-Links Planar Robot. , 2018, , . | | 0 |
| 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 | Neuro-based controller for push recovery behavior under external perturbations in biped robot. , 2016, , . | | 0 |
| 15 | 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 |
| 16 | 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 |
| 17 | Combining pose control and angular velocity control for motion balance of humanoid robot soccer EROS. , 2014, , . | | 15 |