

Chih-Hung G Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2060866/publications.pdf>

Version: 2024-02-01

12
papers

96
citations

1684188

5
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated visual positioning and precision placement of a workpiece using deep learning. International Journal of Advanced Manufacturing Technology, 2019, 104, 4527-4538.	3.0	29
2	Development of Compound Fault Diagnosis System for Gearbox Based on Convolutional Neural Network. Sensors, 2020, 20, 6169.	3.8	13
3	Self-Balancing Two-Wheeled Robot Featuring Intelligent End-to-End Deep Visual-Steering. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2263-2273.	5.8	13
4	Deep-trained illumination-robust precision positioning for real-time manipulation of embedded objects. International Journal of Advanced Manufacturing Technology, 2020, 111, 2259-2276.	3.0	10
5	Real-Time Object Coordinate Detection and Manipulator Control Using Rigidly Trained Convolutional Neural Networks. , 2019, , .		6
6	Real-time topological localization using structured-view ConvNet with expectation rules and training renewal. Robotics and Autonomous Systems, 2020, 131, 103578.	5.1	6
7	A Low-Noise Guitar Robot Featuring a New Class of Silent Actuators. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1577-1585.	5.8	5
8	Design of the lower chassis of a monorail personal rapid transit (MPRT) car using the evolutionary structural optimization (ESO) method. Structural and Multidisciplinary Optimization, 2016, 54, 165-175.	3.5	3
9	Illumination-Robust Object Coordinate Detection by Adopting Pix2Pix GAN for Training Image Generation. , 2019, , .		3
10	Real-Time Rain Detection and Wiper Control Employing Embedded Deep Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 3256-3266.	6.3	3
11	Optimization of mecanum wheels for mitigation of AGV vibration. International Journal of Advanced Manufacturing Technology, 2022, 121, 633-645.	3.0	3
12	On the compression of a stack of truncated elastomeric cones as a nonlinearly responsive spring. Mechanics Research Communications, 2015, 69, 146-149.	1.8	2