

Ji-Hun Bae

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

368
citations

1307594

7
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Compliance-Based Robotic Peg-in-Hole Assembly Strategy Without Force Feedback. IEEE Transactions on Industrial Electronics, 2017, 64, 6299-6309.	7.9	122
2	KITECH-Hand: A Highly Dexterous and Modularized Robotic Hand. IEEE/ASME Transactions on Mechatronics, 2017, 22, 876-887.	5.8	82
3	Path Planning for Multi-Arm Manipulators Using Deep Reinforcement Learning: Soft Actor-Critic with Hindsight Experience Replay. Sensors, 2020, 20, 5911.	3.8	54
4	Compliant Peg-in-Hole Assembly Using Partial Spiral Force Trajectory With Tilted Peg Posture. IEEE Robotics and Automation Letters, 2020, 5, 4447-4454.	5.1	23
5	A grasp strategy with the geometric centroid of a groped object shape derived from contact spots. , 2012, , .		20
6	Deep Reinforcement Learning-Based Path Planning for Multi-Arm Manipulators with Periodically Moving Obstacles. Applied Sciences (Switzerland), 2021, 11, 2587.	2.5	14
7	Task space control considering passive muscle stiffness for redundant robotic arms. Intelligent Service Robotics, 2015, 8, 93-104.	2.6	12
8	Development of multi-purpose universal gripper. , 2017, , .		11
9	Peg-in-Hole Assembly With Dual-Arm Robot and Dexterous Robot Hands. IEEE Robotics and Automation Letters, 2022, 7, 8566-8573.	5.1	11
10	Robotic Peg-in-Hole Assembly by Hand Arm Coordination. The Journal of Korea Robotics Society, 2015, 10, 42-51.	0.4	7
11	Kinesthetic Sensing for Peg-In-Hole Assembly Based on In-Hand Manipulation. IEEE Robotics and Automation Letters, 2021, 6, 8418-8425.	5.1	4
12	Adaptation Algorithm of Geometric Graphs for Robot Motion Planning in Dynamic Environments. Mathematical Problems in Engineering, 2016, 2016, 1-19.	1.1	2
13	Kinesthetic sensing of hole position by 3-finger gripper. , 2020, , .		2
14	Screwdriving Gripper That Mimics Human Two-Handed Assembly Tasks. Robotics, 2022, 11, 18.	3.5	2
15	Estimation of Fluctuation Characterizations by USV-Operation Simulations in Sea State 3. Modelling and Simulation in Engineering, 2017, 2017, 1-8.	0.7	1
16	Dynamic Manipulation Based on Thumb Opposability: Passivity-Based Blind Grasping and Manipulation. , 2018, , 149-163.		1
17	Object manipulation by integrated control of Independent Anthropomorphic Hand and Arm Systems. , 2021, , .		0