

Ji-Hun Bae

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

368
citations

1307594

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1199594

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docs citations

17
times ranked

336
citing authors

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