

# Patryk Cieslak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6510546/publications.pdf>

Version: 2024-02-01

14  
papers

213  
citations

1684188

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h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	A vision system for pose estimation of an underwater robot. Journal of Marine Engineering and Technology, 2022, 21, 234-248.	4.1	3
2	Collision Detection and Avoidance for Underwater Vehicles Using Omnidirectional Vision. Sensors, 2022, 22, 5354.	3.8	4
3	Docking of Non-Holonomic AUVs in Presence of Ocean Currents: A Comparative Survey. IEEE Access, 2021, 9, 86607-86631.	4.2	5
4	TWINBOT: Autonomous Underwater Cooperative Transportation. IEEE Access, 2021, 9, 37668-37684.	4.2	26
5	Practical formulation of obstacle avoidance in the Task-Priority framework for use in robotic inspection and intervention scenarios. Robotics and Autonomous Systems, 2020, 124, 103396.	5.1	8
6	Implementation of Nonlinear Adaptive U-Model Control Synthesis Using a Robot Operating System for an Unmanned Underwater Vehicle. IEEE Access, 2020, 8, 205685-205695.	4.2	5
7	Multirepresentation, Multiheuristic A* search-based motion planning for a free-floating underwater vehicle-manipulator system in unknown environment. Journal of Field Robotics, 2020, 37, 925-950.	6.0	30
8	Stonefish: An Advanced Open-Source Simulation Tool Designed for Marine Robotics, With a ROS Interface. , 2019, , .		17
9	Multi-Representation Multi-Heuristic A* Motion Planning for a Dual-Arm Underwater Vehicle Manipulation System. IFAC-PapersOnLine, 2019, 52, 205-210.	0.9	5
10	Adaptive Admittance Control in Task-Priority Framework for Contact Force Control in Autonomous Underwater Floating Manipulation. , 2018, , .		8
11	A novel approach to obstacle avoidance for an I-AUV. , 2018, , .		3
12	Underwater robotic system for reservoir maintenance. Journal of Vibroengineering, 2016, 18, 3757-3767.	1.0	9
13	Autonomous underwater panel operation by GIRONA500 UVMS: A practical approach to autonomous underwater manipulation. , 2015, , .		74
14	The mono-wheel robot with dynamic stabilisation. Robotics and Autonomous Systems, 2011, 59, 611-619.	5.1	16