

## List of Publications by Citations

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163  
papers

2,012  
citations

22  
h-index

36  
g-index

206  
ext. papers

2,685  
ext. citations

3.3  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
163	Design and Locomotion Control of a Biomimetic Underwater Vehicle With Fin Propulsion. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2012</b> , 17, 25-35	5.5	180
162	Biomimetic Motion Planning of an Undulating Robotic Fish Fin. <i>JVC/Journal of Vibration and Control</i> , <b>2006</b> , 12, 1337-1359	2	106
161	Parametric study of the swimming performance of a fish robot propelled by a flexible caudal fin. <i>Bioinspiration and Biomimetics</i> , <b>2010</b> , 5, 046002	2.6	67
160	Gait study and pattern generation of a starfish-like soft robot with flexible rays actuated by SMAs. <i>Journal of Bionic Engineering</i> , <b>2014</b> , 11, 400-411	2.7	65
159	A Lagrangian Formulation of the Dynamic Model for Flexible Manipulator Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>1988</b> , 110, 175-181	1.6	64
158	Effective Phase Tracking for Bioinspired Undulations of Robotic Fish Models: A Learning Control Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2014</b> , 19, 191-200	5.5	53
157	Robot-assisted gait rehabilitation: From exoskeletons to gait systems <b>2011</b> ,		47
156	Perspectives on biologically inspired hybrid and multi-modal locomotion. <i>Bioinspiration and Biomimetics</i> , <b>2015</b> , 10, 020301	2.6	46
155	Cooperative Path Planning for Heterogeneous Unmanned Vehicles in a Search-and-Track Mission Aiming at an Underwater Target. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 6782-6787	6.8	45
154	Locomotive Control of a Wearable Lower Exoskeleton for Walking Enhancement. <i>JVC/Journal of Vibration and Control</i> , <b>2006</b> , 12, 1311-1336	2	41
153	An individual-specific gait pattern prediction model based on generalized regression neural networks. <i>Gait and Posture</i> , <b>2014</b> , 39, 443-8	2.6	40
152	A starfish robot based on soft and smart modular structure (SMS) actuated by SMA wires. <i>Bioinspiration and Biomimetics</i> , <b>2016</b> , 11, 056012	2.6	39
151	Design and Implementation of a Lightweight Bioinspired Pectoral Fin Driven by SMA. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2014</b> , 19, 1773-1785	5.5	34
150	Gait Planning for Steady Swimming Control of Biomimetic Fish Robots. <i>Advanced Robotics</i> , <b>2009</b> , 23, 805-829	3.29	32
149	Locomotion and depth control of robotic fish with modular undulating fins. <i>International Journal of Automation and Computing</i> , <b>2006</b> , 3, 348-357	3.5	32
148	Survey and Introduction to the Focused Section on Bio-Inspired Mechatronics. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2013</b> , 18, 409-418	5.5	31
147	Computational research on modular undulating fin for biorobotic underwater propulsor. <i>Journal of Bionic Engineering</i> , <b>2007</b> , 4, 25-32	2.7	29

146	On the methods to derive frequency equations of beams carrying multiple masses. <i>International Journal of Mechanical Sciences</i> , <b>2001</b> , 43, 871-881	5.5	29
145	An efficient foot-force distribution algorithm for quadruped walking robots. <i>Robotica</i> , <b>2000</b> , 18, 403-413	2.1	27
144	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2017</b> , 22, 2554-2563	5.5	25
143	Quadruped Free Gait Generation Based on the Primary/Secondary Gait. <i>Robotica</i> , <b>1999</b> , 17, 405-412	2.1	23
142	Solution schemes for the system equations of flexible robots. <i>Journal of Field Robotics</i> , <b>1989</b> , 6, 383-405		22
141	Ground Stereo Vision-Based Navigation for Autonomous Take-off and Landing of UAVs: A Chan-Vese Model Approach. <i>International Journal of Advanced Robotic Systems</i> , <b>2016</b> , 13, 67	1.4	21
140	Initial System Evaluation of an Overground Rehabilitation Gait Training Robot (NaTure-gaits). <i>Advanced Robotics</i> , <b>2011</b> , 25, 1927-1948	1.7	21
139	A Computational Fluid Dynamics (CFD) analysis of an undulatory mechanical fin driven by shape memory alloy. <i>International Journal of Automation and Computing</i> , <b>2006</b> , 3, 374-381	3.5	21
138	Terrain evaluation and its application to path planning for walking machines. <i>Advanced Robotics</i> , <b>2001</b> , 15, 729-748	1.7	21
137	Parametric Study of an Underwater Finned Propulsor Inspired by Bluespotted Ray. <i>Journal of Bionic Engineering</i> , <b>2012</b> , 9, 166-176	2.7	20
136	Bio-inspired flow sensing and prediction for fish-like undulating locomotion: A CFD-aided approach. <i>Journal of Bionic Engineering</i> , <b>2015</b> , 12, 406-417	2.7	19
135	On-line Optimization of Biomimetic Undulatory Swimming by an Experiment-based Approach. <i>Journal of Bionic Engineering</i> , <b>2014</b> , 11, 213-225	2.7	18
134	Thermosensitive splicing of a clock gene and seasonal adaptation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2007</b> , 72, 599-606	3.9	18
133	Detection of abnormal muscle activations during walking following spinal cord injury (SCI). <i>Research in Developmental Disabilities</i> , <b>2013</b> , 34, 1226-35	2.7	17
132	Eigen-Analysis of a Tip-Loaded Beam Attached to a Rotating Joint. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , <b>1990</b> , 112, 497-500	1.6	17
131	Transition Optimization for a VTOL Tail-Sitter UAV. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 2534-2545	5.5	16
130	A Variable Stiffness Robotic Gripper Based on Structure-Controlled Principle. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2018</b> , 15, 1104-1113	4.9	16
129	Modular design and initial gait study of an amphibian robotic turtle <b>2007</b> ,		16

128	Evolutionary Optimization-based Mission Planning for UAS Traffic Management (UTM) <b>2019</b> ,		15
127	Kinematic modeling, mobility analysis and design of wheeled mobile robots. <i>Advanced Robotics</i> , <b>2005</b> , 19, 73-99	1.7	15
126	An optimized perching mechanism for autonomous perching with a quadrotor <b>2014</b> ,		14
125	Natural gait parameters prediction for gait rehabilitation via artificial neural network <b>2010</b> ,		14
124	Initial Prototype Design and Investigation of an Undulating Body by SMA <b>2006</b> ,		14
123	Frequencies of beams carrying multiple masses: Rayleigh estimation versus eigenanalysis solutions. <i>Journal of Sound and Vibration</i> , <b>2003</b> , 268, 843-853	3.9	14
122	Risk Assessment Model for UAV Cost-Effective Path Planning in Urban Environments. <i>IEEE Access</i> , <b>2020</b> , 8, 150162-150173	3.5	14
121	Adaptive Output-Feedback Image-Based Visual Servoing for Quadrotor Unmanned Aerial Vehicles. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 1034-1041	4.8	14
120	Collision risk management for non-cooperative UAS traffic in airport-restricted airspace with alert zones based on probabilistic conflict map. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2019</b> , 109, 19-39	8.4	13
119	Current and future trends of biologically inspired underwater vehicles <b>2011</b> ,		13
118	Performance study of a fish robot propelled by a flexible caudal fin <b>2010</b> ,		13
117	Bionic asymmetry: from amiiform fish to undulating robotic fins. <i>Science Bulletin</i> , <b>2009</b> , 54, 562-568		13
116	A comparative study of the eigenvalue solutions for mass-loaded beams under classical boundary conditions. <i>International Journal of Mechanical Sciences</i> , <b>2001</b> , 43, 237-244	5.5	13
115	Design and control of robotic exoskeleton with balance stabilizer mechanism <b>2015</b> ,		12
114	Rehabilitation control strategies for a gait robot via EMG evaluation <b>2009</b> ,		12
113	Initial analysis and design of an assistive rehabilitation hand device with free loading and fingers motion visible to subjects. <i>Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics</i> , <b>2008</b> ,	2	12
112	Non-jamming conditions in multi-contact rigid-body dynamics. <i>Multibody System Dynamics</i> , <b>2009</b> , 22, 269-295	2.8	11
111	A subject-based motion generation model with adjustable walking pattern for a gait robotic trainer: NaTUre-gaits <b>2011</b> ,		11

110	Qualitative evaluations of gait rehabilitation via EMG muscle activation pattern: Repetition, symmetry, and smoothness <b>2009</b> ,		11
109	Numerical and Experimental Research on Modular Oscillating Fin. <i>Journal of Bionic Engineering</i> , <b>2008</b> , 5, 13-23	2.7	11
108	Strategy-based robotic item picking from shelves <b>2016</b> ,		11
107	An Adaptive Path Replanning Method for Coordinated Operations of Drone in Dynamic Urban Environments. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 4600-4611	4.3	11
106	Preliminary Concept of Adaptive Urban Airspace Management for Unmanned Aircraft Operations <b>2018</b> ,		10
105	A Three-Dimensional Kinematics Analysis of a Koi Carp Pectoral Fin by Digital Image Processing. <i>Journal of Bionic Engineering</i> , <b>2013</b> , 10, 210-221	2.7	10
104	Initial analysis of EMG signals of hand functions associated to rehabilitation tasks <b>2009</b> ,		10
103	A Bio-Inspired Adaptive Perching Mechanism for Unmanned Aerial Vehicles. <i>Journal of Robotics and Mechatronics</i> , <b>2012</b> , 24, 642-648	0.7	10
102	Gait planning for effective rehabilitation - From gait study to application in clinical rehabilitation <b>2009</b> ,		9
101	Mechatronics and buoyancy implementation of robotic fish swimming with modular fin mechanisms. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2007</b> , 221, 295-309	1	9
100	Three-dimensional (3D) Monte-Carlo modeling for UAS collision risk management in restricted airport airspace. <i>Aerospace Science and Technology</i> , <b>2020</b> , 105, 105964	4.9	9
99	Public acceptance of drone applications in a highly urbanized environment. <i>Technology in Society</i> , <b>2021</b> , 64, 101462	6.3	9
98	Swarm-Based 4D Path Planning For Drone Operations in Urban Environments. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 7464-7479	6.8	9
97	Improvement and testing of a robotic manta ray (RoMan-III) <b>2011</b> ,		8
96	Objective and quantitative assessment methodology of hand functions for rehabilitation <b>2009</b> ,		8
95	Biomimetic Design and Workspace Study of Compact and Modular Undulating Fin Body Segments <b>2007</b> ,		8
94	Review and Fin Structure Design for Robotic Manta Ray (RoMan IV). <i>Journal of Robotics and Mechatronics</i> , <b>2012</b> , 24, 620-628	0.7	8
93	Recent Development and Trends of Clinical-Based Gait Rehabilitation Robots. <i>Springer Tracts in Advanced Robotics</i> , <b>2015</b> , 41-75	0.5	8

92	UAV airborne collision to manned aircraft engine: Damage of fan blades and resultant thrust loss. <i>Aerospace Science and Technology</i> , <b>2021</b> , 113, 106645	4.9	8
91	Concept of Operations (ConOps) for Traffic Management of Unmanned Aircraft Systems (TM-UAS) in Urban Environment <b>2017</b> ,		7
90	Pelvic control and over-ground walking methodology for impaired gait recovery <b>2009</b> ,		7
89	Locomotion Consideration and Implementation of Robotic Fish with Modular Undulating Fins: Analysis and Experimental Study <b>2006</b> ,		7
88	Conflict-free four-dimensional path planning for urban air mobility considering airspace occupancy. <i>Aerospace Science and Technology</i> , <b>2021</b> , 107154	4.9	7
87	A bilateral teleoperation controller considering the transition between the free space motion and the constrained motion. <i>Robotica</i> , <b>2008</b> , 26, 781-790	2.1	6
86	MANEUVERING OF BIOMIMETIC FISH BY INTEGRATING A BUOYANCY BODY WITH MODULAR UNDULATING FINS. <i>International Journal of Humanoid Robotics</i> , <b>2007</b> , 04, 671-695	1.2	6
85	Design and Implementation of NTU Wearable Exoskeleton as an Enhancement and Assistive Device. <i>Applied Bionics and Biomechanics</i> , <b>2006</b> , 3, 209-225	1.6	6
84	Airborne Collision Evaluation between Drone and Aircraft Engine: Effects of Position and Posture on Damage of Fan Blades <b>2020</b> ,		5
83	Kinematic modeling framework for biomimetic undulatory fin motion based on coupled nonlinear oscillators <b>2010</b> ,		5
82	Comprehensive planning of robotic therapy and assessment of task-oriented functions via improved QFD applicable to hand rehabilitation <b>2010</b> ,		5
81	Subject-specific lower limb waveforms planning via artificial neural network. <i>IEEE International Conference on Rehabilitation Robotics</i> , <b>2011</b> , 2011, 5975491	1.3	5
80	Robust gait control for steady swimming of a carangiform fish robot <b>2009</b> ,		5
79	Development of modular and reconfigurable biomimetic robotic fish with undulating fin <b>2007</b> ,		5
78	Reference Trajectory Generation for Force Tracking Impedance Control by Using Neural Network-based Environment Estimation <b>2006</b> ,		5
77	Collision probability between intruding drone and commercial aircraft in airport restricted area based on collision-course trajectory planning. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2020</b> , 120, 102736	8.4	5
76	Output Feedback Image-Based Visual Servoing of Rotorcrafts. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2019</b> , 93, 277-287	2.9	5
75	Linear Velocity-Free Visual Servoing Control for Unmanned Helicopter Landing on a Ship With Visibility Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-15	7.3	5

74	Three-dimensional (3D) Dynamic Obstacle Perception in a Detect-and-Avoid Framework for Unmanned Aerial Vehicles <b>2019</b> ,		4
73	Autonomous Formation Flight of Indoor UAVs Based on Model Predictive Control <b>2016</b> ,		4
72	Synchronized walking coordination for impact-less footpad contact of an overground gait rehabilitation system: NaTure-gaits. <i>IEEE International Conference on Rehabilitation Robotics</i> , <b>2011</b> , 2011, 5975353	1.3	4
71	Effective Gait planning for robotic rehabilitation - From normal gait study to application in clinical rehabilitation <b>2009</b> ,		4
70	An analytical approach for better swimming efficiency of slender fish robots based on Lighthill's model <b>2009</b> ,		4
69	Initial home-based foot-mat design & analysis of bio-gait characteristics to prevent fall in elderly people <b>2009</b> ,		4
68	Design and Initial Testing of a Single-Motor-Driven Spatial Pectoral Fin Mechanism <b>2007</b> ,		4
67	A virtual boundary model for a quick drop Impact analysis of electronic components in TV model. <i>Advances in Engineering Software</i> , <b>2004</b> , 35, 537-551	3.6	4
66	Terrain-evaluation-based motion planning for legged locomotion on irregular terrain. <i>Advanced Robotics</i> , <b>2003</b> , 17, 761-778	1.7	4
65	Experimental and Analytical Study of the Frequencies of an S-C-S-C Plate Carrying a Concentrated Mass. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , <b>1993</b> , 115, 391-396	1.6	4
64	Comparative Study of Frequencies for Plates Carrying Mass. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1993</b> , 119, 917-937	2.4	4
63	Innovations in Infrastructure Service Robots. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2016</b> , 3-16	0.6	4
62	Locomotion and gait analysis of multi-limb soft robots driven by smart actuators <b>2016</b> ,		4
61	Multiple air route crossing waypoints optimization via artificial potential field method. <i>Chinese Journal of Aeronautics</i> , <b>2021</b> , 34, 279-292	3.7	4
60	Mechanism design and kinematic analysis of a robotic manipulator driven by joints with two degrees of freedom (DOF). <i>Industrial Robot</i> , <b>2018</b> , 45, 34-43	1.4	4
59	Impact of Sensors on Collision Risk Prediction for Non-Cooperative Traffic in Terminal Airspace <b>2018</b> ,		4
58	Dynamic Visual Servoing of a Rotary-wing Unmanned Aerial Vehicle Without Velocity Measurement <b>2017</b> ,		3
57	A Risk-based UAS Traffic Network Model for Adaptive Urban Airspace Management <b>2020</b> ,		3

56	UAV Trajectory Estimation and Deviation Analysis for Contingency Management in Urban Environments <b>2020</b> ,		3
55	An improved semi-empirical model for a body and/or caudal fin (BCF) fish robot <b>2010</b> ,		3
54	Subject-specific gait parameters prediction for robotic gait rehabilitation via generalized regression neural network <b>2011</b> ,		3
53	Electromyography analysis for pre-clinical trials of hand rehabilitation tasks using design of experiments <b>2009</b> ,		3
52	Subject-oriented overground walking pattern generation on a rehabilitation robot based on foot and pelvic trajectories. <i>Procedia IUTAM</i> , <b>2011</b> , 2, 109-127		3
51	Clinical-Based Engineering Assessment and Data Interpretation of Hand Strength for Task-Oriented Robotic Rehabilitation. <i>Advanced Robotics</i> , <b>2011</b> , 25, 1991-2018	1.7	3
50	Modulation of weight off-loading level over body-weight supported locomotion training. <i>IEEE International Conference on Rehabilitation Robotics</i> , <b>2011</b> , 2011, 5975354	1.3	3
49	A multi-disciplinary approach for effective hand rehabilitation with clinical-based assessment outcomes <b>2009</b> ,		3
48	Performance predict model for a body and caudal fin (BCF) biomimetics fish robot <b>2009</b> ,		3
47	LEARNING FROM GYMNOTIFORM SWIMMERS DESIGN AND IMPLEMENTATION OF ROBOTIC KNIFEFISH NKF-II. <i>International Journal of Information Acquisition</i> , <b>2008</b> , 05, 137-147		3
46	Maneuvering and Buoyancy Control of Robotic Fish Integrating with Modular Undulating Fins <b>2006</b> ,		3
45	Initial Research on Development of a Flexible Pectoral Fin Using Shape Memory Alloy <b>2006</b> ,		3
44	A Concept of Airspace Configuration and Operational Rules for UAS in Current Airspace <b>2020</b> ,		3
43	A Path Planning Algorithm for Smooth Trajectories of Unmanned Aerial Vehicles via Potential Fields <b>2018</b> ,		3
42	Preliminary 4.5G Cellular Network Assessment with Calibrated Standard Propagation Model (SPM) for uTM-UAS Operations in Singapore Airspace <b>2018</b> ,		3
41	Trajectory-based flight scheduling for AirMetro in urban environments by conflict resolution. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2021</b> , 131, 103355	8.4	3
40	Image-Based Visual Servoing of Rotorcrafts to Planar Visual Targets of Arbitrary Orientation. <i>IEEE Robotics and Automation Letters</i> , <b>2021</b> , 6, 7861-7868	4.2	3
39	Collision Risk Assessment between UAS and Landing Aircraft in Restricted Airspace Surrounding an Airport using 3D Monte-Carlo Simulation <b>2019</b> ,		2



38	Data Analysis on Track Deviation of UAS Operating under Visual Line of Sight (VLoS) Condition <b>2020,</b>		2
37	<b>2017,</b>		2
36	Effects of body-weight support locomotion training (BWSLT) on EMG activation in healthy and spinal cord injury (SCI) subjects <b>2010,</b>		2
35	Locomotion planning of biomimetic robotic fish with multi-joint actuation <b>2009,</b>		2
34	Effects of ground contact for overground walking on a robotic gait trainer <b>2011,</b>		2
33	Parametric Study of Modular and Reconfigurable Robotic Fish with Oscillating Caudal Fin Mechanisms <b>2007,</b>		2
32	Morphologic Optimal Design of Bionic Undulating Fin Based on Computational Fluid Dynamics <b>2007</b>		2
31	MODELING AND MOTION CONTROL OF ROBOTIC HAND FOR TELEMANIPULATION APPLICATION. <i>International Journal of Software Engineering and Knowledge Engineering</i> , <b>2005</b> , 15, 147-152	1	2
30	Combined use of equivalent center mass and stiffness factors to better estimate frequencies of mass loaded plates. <i>Advances in Engineering Software</i> , <b>2000</b> , 31, 295-302	3.6	2
29	Modeling and control on hysteresis nonlinearity in biomimetic undulating fins		2
28	3D path planning and real-time collision resolution of multirotor drone operations in complex urban low-altitude airspace. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2021</b> , 129, 103123	8.4	2
27	Structure-Controlled Variable Stiffness Robotic Joint Based on Multiple Rotary Flexure Hinges. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 12452-12461	8.9	2
26	UAV path optimization with an integrated cost assessment model considering third-party risks in metropolitan environments. <i>Reliability Engineering and System Safety</i> , <b>2022</b> , 222, 108399	6.3	2
25	DESIGN AND GAIT ANALYSIS OF A TORTOISE-LIKE ROBOT WITH SOFT LIMBS <b>2015,</b>		1
24	A flexible fixtureless assembly of T-joint frame structures <b>2015,</b>		1
23	Biorobotics with Hybrid and Multimodal Locomotion [TC Spotlight]. <i>IEEE Robotics and Automation Magazine</i> , <b>2015</b> , 22, 29-181	3.4	1
22	Design of Control Strategy for Autonomous Perching with a Quadrotor. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 461, 506-512	0.3	1
21	INITIAL STUDY ON A HOME-BASED FLOOR-MAT SYSTEM FOR FALL PREVENTION OF ELDERLY BASED ON GAIT ANALYSIS. <i>International Journal of Information Acquisition</i> , <b>2010</b> , 07, 135-149		1

20	Optimization of swimming locomotion for fish robots with multi-actuation <b>2011</b> ,		1
19	Posture analysis and application of a bionic pectoral foil <b>2011</b> ,		1
18	Comprehensive signal interpretation of functional hand strength for activities of daily living (ADL) rehabilitation via multivariate data analysis (MVA) <b>2009</b> ,		1
17	A PERFORMANCE PREDICTIVE MODEL FOR STEADY SWIMMING OF A FISH ROBOT. <i>International Journal of Humanoid Robotics</i> , <b>2011</b> , 08, 185-203	1.2	1
16	Numerical studies on modeling the near- and far-field wake vortex of a quadrotor in forward flight. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 095441002110290	9.9	1
15	Investigation and Modeling of Flight Technical Error (FTE) Associated With UAS Operating With and Without Pilot Guidance. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	1
14	Preliminary Evaluation of Thrust Loss in Commercial Aircraft Engine due to Airborne Collision with Unmanned Aerial Vehicles (UAVs) <b>2020</b> ,		1
13	Framework for the Estimation of Safe Wake Separation Distance between Same-Track Multi-Rotor UAS <b>2021</b> ,		1
12	Design and Evaluation of an Underactuated Adaptive Finger for Parallel Grippers <b>2018</b> ,		1
11	Preliminary Investigation of Wake Vortex Generated by Spinning Quadrotor Propellers Using Overset Mesh <b>2021</b> ,		1
10	Airborne collision severity study on engine ingestion caused by harmless-categorized drones <b>2021</b> ,		1
9	Feasibility of mercury (II) ion removal by nitrated polycarbonate derived from waste optical discs. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 17, 4161-4170	3.3	0
8	Virtual circle mapping for master-slave hand systems. <i>Advanced Robotics</i> , <b>2007</b> , 21, 183-208	1.7	0
7	Severity assessment of aircraft engine fan blades under airborne collision of unmanned aerial vehicles comparable to bird strike certification standards. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 095441002110449	0.9	0
6	Homography-based Visual Servoing for Underactuated VTOL UAVs Tracking a 6-DOF Moving Ship. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	0
5	Software-in-the-loop investigation of wake-vortex-encounter-response of identical multirotor pair with PX4 attitude controller. <i>Aerospace Science and Technology</i> , <b>2021</b> , 117, 106967	4.9	0
4	Adaptive conflict resolution for multi-UAV 4D routes optimization using stochastic fractal search algorithm. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2022</b> , 139, 103666	8.4	0
3	Route coordination of UAV fleet to track a ground moving target in search and lock (SAL) task over urban airspace. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0

- 2 Clinical-Based, Task-Specific and Subject-Oriented Approaches Essential to Effective Robotics Rehabilitation. *Advanced Robotics*, **2011**, 25, 1851-1855 1.7
- 1 RESEARCH AND DEVELOPMENT TRENDS IN ROBOT-ASSISTED WALKING REHABILITATION INCORPORATING POSTURAL BALANCING **2018**, 43-67