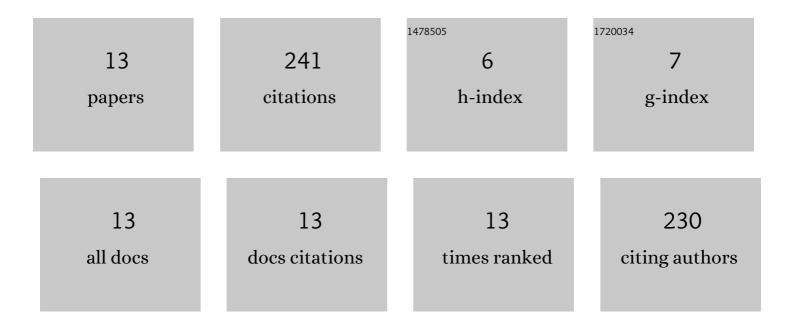


List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1879601/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Adaptive Robust Precision Motion Control of a High-Speed Industrial Gantry With Cogging Force Compensations. IEEE Transactions on Control Systems Technology, 2011, 19, 1149-1159. | 5.2 | 90 |
| 2 | Energy-Saving Adaptive Robust Control of a Hydraulic Manipulator Using Five Cartridge Valves With an Accumulator. IEEE Transactions on Industrial Electronics, 2014, 61, 7046-7054. | 7.9 | 70 |
| 3 | A Tilting-Rotor Unmanned Aerial Vehicle for Enhanced Aerial Locomotion and Manipulation Capabilities: Design, Control, and Applications. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2237-2248. | 5.8 | 27 |
| 4 | Design, Sensing, and Control of a Novel UAV Platform for Aerial Drilling and Screwing. IEEE Robotics and Automation Letters, 2021, 6, 3176-3183. | 5.1 | 18 |
| 5 | Human-directed coordinated control of an assistive mobile manipulator. International Journal of Intelligent Robotics and Applications, 2017, 1, 104-120. | 2.8 | 13 |
| 6 | A Control Architecture for Timeâ€Optimal Landing of a Quadrotor Onto a Moving Platform. Asian Journal of Control, 2018, 20, 1701-1712. | 3.0 | 12 |
| 7 | 6-DOF Automated Flight Testing Using a Humanoid Robot Arm. , 2018, , . | | 3 |
| 8 | Energy-Efficient Adaptive Robust Control of Vector Thrust UAVs With Unknown Inertia Parameters. , 2018, , . | | 3 |
| 9 | Robot Composite Learning and the Nunchaku Flipping Challenge. , 2018, , . | | 2 |
| 10 | Handling crowdsourced data using state space discretization for robot learning and synthesizing physical skills. International Journal of Intelligent Robotics and Applications, 2020, 4, 390-402. | 2.8 | 2 |
| 11 | Synthesis of Robot Hand Skills Powered by Crowdsourced Learning. , 2019, , . | | 1 |
| 12 | A Human-Centered Control Framework for Robotic Sit-to-Stand Assistance. , 2018, , . | | 0 |
| 13 | Modeling and Precision Motion Control of Dexterous Object In-Hand Rotation. , 2019, , . | | 0 |