

# Vijay Kumar Dalla

## List of Publications by Year in descending order

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6  
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1937685

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Curve-constrained collision-free trajectory control of hyper-redundant planar space robot. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2017, 231, 282-298.	1.0	8
2	Docking operation by multiple space robots for minimum attitude disturbance. International Journal of Modelling and Simulation, 2018, 38, 38-49.	3.3	8
3	Power-optimized motion planning of reconfigured redundant space robot. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 1030-1044.	1.0	7
4	Jerk Optimized Motion Planning of Redundant Space Robot Based on Grey-Wolf Optimization Approach. Arabian Journal for Science and Engineering, 2023, 48, 2687-2699.	3.0	5
5	Multi-segment trajectory tracking of the redundant space robot for smooth motion planning based on interpolation of linear polynomials with parabolic blend. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 9255-9269.	2.1	3
6	Formulation of kinematics and gait locomotion for Hyper-Redundant robot. Materials Today: Proceedings, 2022, 56, 976-979.	1.8	0