

# Wei Liang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Locations optimization of multiple cable-drivers for an anti-wind disturbance system in large antenna. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 774-785.	2.1	1
2	Real-Time Estimation of Wind-Induced Pointing Error via Accelerations Measurement for Large Reflector Antenna. IEEE Access, 2020, 8, 71812-71820.	4.2	2
3	A pointing error analysis model for large reflector antennas under wind disturbance. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 1939-1951.	2.1	2
4	A New Adaptive System for Suppression of Transient Wind Disturbance in Large Antennas. International Journal of Antennas and Propagation, 2019, 2019, 1-13.	1.2	6
5	Antenna control systems for flexible structure under a wind load. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3050-3059.	2.1	4
6	Reconstruction of vibration-deformation-induced pointing error via optimized acceleration measurement points for large reflector antennas. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3417-3428.	2.1	4
7	Compensation of vibration-induced pointing error caused by wind disturbances in large antenna. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 4289-4300.	2.1	2
8	Vibration reduction control by a cable actuation system for reflector antenna. JVC/Journal of Vibration and Control, 0, , 107754632210883.	2.6	0