

# Jie Zhang

## List of Publications by Year in descending order

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12  
papers

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citations

1684188

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1588992

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12  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Reflector Vibration-Induced Pointing Errors for Large Antennas Subject to Wind Disturbance: Evaluating the pointing error caused by reflector deformation. IEEE Antennas and Propagation Magazine, 2015, 57, 46-61.	1.4	22
2	An Active Pointing Compensator for Large Beam Waveguide Antenna Under Wind Disturbance. IEEE/ASME Transactions on Mechatronics, 2016, 21, 860-871.	5.8	15
3	A Correction Method of Estimating the Pointing Error for Reflector Antenna. Shock and Vibration, 2018, 2018, 1-12.	0.6	6
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	Amplitude-Phase-Based Interval Analysis Method for Radomes With Thickness Errors and Its Robust-Design Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1103-1107.	4.0	5
6	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
7	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
8	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
9	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
10	Real-Time Estimation of Wind-Induced Pointing Error via Accelerations Measurement for Large Reflector Antenna. IEEE Access, 2020, 8, 71812-71820.	4.2	2
11	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
12	Vibration reduction control by a cable actuation system for reflector antenna. JVC/Journal of Vibration and Control, 0, , 107754632210883.	2.6	0