

# Quan-bao Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1912005/publications.pdf>

Version: 2024-02-01

17  
papers

218  
citations

1039406

9  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on composite structural health monitoring based on fiber Bragg grating sensing principle. Journal of Shanghai Jiaotong University (Science), 2013, 18, 129-139.	0.5	52
2	Robust guaranteed cost control for singular Markovian jump systems with time-varying delay. ISA Transactions, 2012, 51, 559-565.	3.1	32
3	An approach for shape optimization of stratosphere airships based on multidisciplinary design optimization. Journal of Zhejiang University: Science A, 2009, 10, 1609-1616.	1.3	31
4	Strain transfer of surface-bonded fiber Bragg grating sensors for airship envelope structural health monitoring. Journal of Zhejiang University: Science A, 2012, 13, 538-545.	1.3	24
5	Modified digital image correlation for balancing the influence of subset size choice. Optical Engineering, 2017, 56, 054104.	0.5	13
6	Optimization design of the stratospheric airship's power system based on the methodology of orthogonal experiment. Journal of Zhejiang University: Science A, 2013, 14, 38-46.	1.3	10
7	Using grey intensity adjustment strategy to enhance the measurement accuracy of digital image correlation considering the effect of intensity saturation. Optics and Lasers in Engineering, 2018, 104, 173-180.	2.0	10
8	Delay-Dependent Passivity and Passification for Uncertain Singularly Perturbed Markovian Jump Systems with Time-Varying Delay. Circuits, Systems, and Signal Processing, 2012, 31, 2179-2194.	1.2	9
9	Stability and Passivity Analysis for Lur'e Singular Systems with Markovian Switching. International Journal of Automation and Computing, 2013, 10, 79-84.	4.5	9
10	Agent-Based Finite-Time Leader-Following Consensus for Earth-Observation Tasks on Multiple Airships. IEEE Transactions on Network Science and Engineering, 2022, 9, 1924-1931.	4.1	8
11	$\hat{H}_\infty$ filtering for singularly perturbed systems with variable sampling and missing measurements. IMA Journal of Mathematical Control and Information, 2016, 33, 485-495.	1.1	7
12	Neuroadaptive output-feedback trajectory tracking control for a stratospheric airship with prescribed performance. Aeronautical Journal, 2020, 124, 1568-1591.	1.1	6
13	Configuration Analysis of a High-Altitude Airship's Regenerative Power System. Journal of Aerospace Engineering, 2015, 28, 04014078.	0.8	4
14	Research on refraction error correction of digital image correlation technology in strain measurement of airship skin. Aerospace Systems, 2020, 3, 107-117.	0.7	1
15	Airship skin strain measurement based on adaptive digital image correlation. Aerospace Systems, 2020, 3, 181-188.	0.7	1
16	Agent-based stratosphere airship cooperative control for Earth observing system. International Journal of Robust and Nonlinear Control, 2022, 32, 4966-4979.	2.1	1
17	Finite-time velocity-free trajectory tracking control for a stratospheric airship with preassigned accuracy. Aeronautical Journal, 0, , 1-24.	1.1	0