

# Wenjing Ren

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

75  
citations

1937685

4  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

63  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Singular Perturbation-Based Fault-Tolerant Control of the Air-Breathing Hypersonic Vehicle. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2562-2571.                     | 5.8 | 35        |
| 2  | Fault-Tolerant Control of Singularly Perturbed Systems With Applications to Hypersonic Vehicles. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3003-3015. | 4.7 | 18        |
| 3  | Fault recoverability analysis of interconnected systems. IET Control Theory and Applications, 2019, 13, 554-561.   | 2.1 | 8         |
| 4  | Fault recoverability analysis of switched nonlinear systems. International Journal of Systems Science, 2017, 48, 471-484.  | 5.5 | 7         |
| 5  | Fault recoverability analysis of nonlinear systems: A piecewise affine system approach. International Journal of Control, Automation and Systems, 2017, 15, 547-556.         | 2.7 | 4         |
| 6  | A survey on singular perturbation theory in aerospace application. , 2016, , .   |     | 1         |
| 7  | On stability of switched nonlinear systems with time-scaling transformation. International Journal of Systems Science, 2017, 48, 2120-2127.                                  | 5.5 | 1         |
| 8  | Backstepping based Actuator Failure Compensation of Rigid-Flexible Coupled Systems. , 2021, , .  |     | 1         |
| 9  | Fault recoverability analysis of nonlinear systems: A piecewise affine system approach. , 2015, , .  |     | 0         |
| 10 | Decentralized fault diagnosis and fault tolerant control for a class of interconnected nonlinear systems. , 2016, , .  |     | 0         |
| 11 | Fault tolerant safe control for nonlinear systems and its applications on hypersonic vehicles. , 2017, , .   |     | 0         |