

# Junxiang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7476040/publications.pdf>

Version: 2024-02-01

7  
papers

76  
citations

1684188  
5  
h-index

1872680  
6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

61  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Solving time-variant reliability-based design optimization by PSO-t-IRS: A methodology incorporating a particle swarm optimization algorithm and an enhanced instantaneous response surface. Reliability Engineering and System Safety, 2019, 191, 106580. | 8.9 | 31        |
| 2 | Time-Dependent Reliability Analysis of Deteriorating Structures Based on Phase-Type Distributions. IEEE Transactions on Reliability, 2020, 69, 545-557.  | 4.6 | 15        |
| 3 | Developing an Instantaneous Response Surface Method t-IRS for Time-Dependent Reliability Analysis. Acta Mechanica Solida Sinica, 2019, 32, 446-462.  | 1.9 | 11        |
| 4 | A new cumulative damage model for time-dependent reliability analysis of deteriorating structures. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2020, 234, 290-302.                                    | 0.7 | 8         |
| 5 | Developing an improved composite limit state method for time-dependent reliability analysis. Quality Engineering, 2020, 32, 298-311.   | 1.1 | 8         |
| 6 | Maximizing the Load Carrying Capacity of a Variable Stiffness Composite Cylinder Based on the Multi-Objective Optimization Method. International Journal of Computational Methods, 2021, 18, 2150001.  | 1.3 | 2         |
| 7 | Temporal-spatial reliability analysis of RC bridges with corroded steel reinforcement bars. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 11345-11357.                             | 2.1 | 1         |