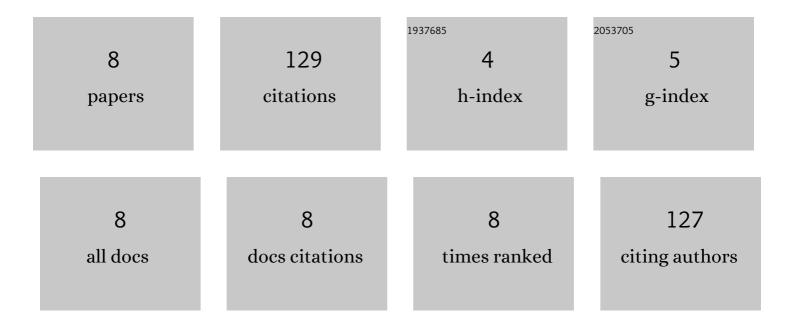
Rui Hou

List of Publications by Year in descending order

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Rui Hou

| # | Article | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Data-driven analytical load rating method of bridges using integrated bridge structural response and weigh-in-motion truck data. Mechanical Systems and Signal Processing, 2022, 163, 108128. | 8.0 | 18 |
| 2 | Automated Human Use Mapping of Social Infrastructure by Deep Learning Methods Applied to Smart City Camera Systems. Journal of Computing in Civil Engineering, 2022, 36, . | 4.7 | 2 |
| 3 | Partial Composite-Action and Durability Assessment of Slab-on-Girder Highway Bridge Decks in Negative Bending Using Long-Term Structural Monitoring Data. Journal of Engineering Mechanics - ASCE, 2020, 146, 04020010. | 2.9 | 6 |
| 4 | Structural-Infrastructure Health Monitoring. , 2020, , 215-235. | | 1 |
| 5 | A scalable cloud-based cyberinfrastructure platform for bridge monitoring. Structure and Infrastructure Engineering, 2019, 15, 82-102. | 3.7 | 22 |
| 6 | Utilization of wireless structural health monitoring as decision making tools for a condition and reliability-based assessment of railroad bridges. , 2017, , . | | 4 |
| 7 | An information modeling framework for bridge monitoring. Advances in Engineering Software, 2017, 114, 11-31. | 3.8 | 72 |
| 8 | Camera-based Triggering of Bridge Structural Health Monitoring Systems using a Cyber-physical System Framework. , 0, , . | | 4 |