# Ruilin You

List of Publications by Year
in descending order



| 13 | 194 | 1307594 7 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 100 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comparison study of crack propagation in rubberized and conventional prestressed concrete sleepers using digital image correlation. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2022, 236, 350-361. | 2.0 | 17 |
| 2 | Comparative Investigations into Environment-Friendly Production Methods for Railway Prestressed Concrete Sleepers and Bearers. Sustainability, 2022, 14, 1059. | 3.2 | 3 |
| 3 | Crack Propagation Assessment of Time-Dependent Concrete Degradation of Prestressed Concrete Sleepers. Sustainability, 2022, 14, 3217. | 3.2 | 2 |
| 4 | Mechanisms and Evolution of Cracks in Prestressed Concrete Sleepers Exposed to Time-Dependent Actions. Applied Sciences (Switzerland), 2022, 12, 5511. | 2.5 | 2 |
| 5 | Diagnostics and management methods for concrete sleepers. , 2022, , 271-294. | | 1 |
| 6 | Time-dependent behaviours of railway prestressed concrete sleepers in a track system. Engineering Failure Analysis, 2021, 127, 105500. | 4.0 | 8 |
| 7 | Evaluation of remaining fatigue life of concrete sleeper based on field loading conditions. Engineering Failure Analysis, 2019, 105, 70-86. | 4.0 | 15 |
| 8 | Nonlinear finite element analysis for structural capacity of railway prestressed concrete sleepers with rail seat abrasion. Engineering Failure Analysis, 2019, 95, 47-65. | 4.0 | 32 |
| 9 | Effects of vertical and through holes on cyclic behaviour of railway concrete sleepers. , 2018, , . | | 0 |
| 10 | Comparison of structural design methods for railway composites and plastic sleepers and bearers. Australian Journal of Structural Engineering, 2017, 18, 160-177. | 1.1 | 38 |
| 11 | Composites for Timber-Replacement Bearers in Railway Switches and Crossings. Infrastructures, 2017, 2, 13. | 2.8 | 40 |
| 12 | Fatigue Life Assessment Method for Prestressed Concrete Sleepers. Frontiers in Built Environment, 2017, 3, . | 2.3 | 36 |
| 13 | DYNAMIC AMPLIFICATION FACTORS FOR RAILWAY TURNOUT BEARERS IN SWITCHES AND CROSSINGS. , 2017, , . | | 0 |