

Ruilin You

List of Publications by Year in descending order

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13
papers

194
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Composites for Timber-Replacement Bearers in Railway Switches and Crossings. Infrastructures, 2017, 2, 13.	2.8	40
2	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
3	Fatigue Life Assessment Method for Prestressed Concrete Sleepers. Frontiers in Built Environment, 2017, 3, .	2.3	36
4	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
5	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
6	Evaluation of remaining fatigue life of concrete sleeper based on field loading conditions. Engineering Failure Analysis, 2019, 105, 70-86.	4.0	15
7	Time-dependent behaviours of railway prestressed concrete sleepers in a track system. Engineering Failure Analysis, 2021, 127, 105500.	4.0	8
8	Comparative Investigations into Environment-Friendly Production Methods for Railway Prestressed Concrete Sleepers and Bearers. Sustainability, 2022, 14, 1059.	3.2	3
9	Crack Propagation Assessment of Time-Dependent Concrete Degradation of Prestressed Concrete Sleepers. Sustainability, 2022, 14, 3217.	3.2	2
10	Mechanisms and Evolution of Cracks in Prestressed Concrete Sleepers Exposed to Time-Dependent Actions. Applied Sciences (Switzerland), 2022, 12, 5511.	2.5	2
11	Diagnostics and management methods for concrete sleepers. , 2022, , 271-294.		1
12	DYNAMIC AMPLIFICATION FACTORS FOR RAILWAY TURNOUT BEARERS IN SWITCHES AND CROSSINGS. , 2017, , .		0
13	Effects of vertical and through holes on cyclic behaviour of railway concrete sleepers. , 2018, , .		0