Zhiping Zeng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9204029/publications.pdf

Version: 2024-02-01

22	115	1683934 5	1372474 10
papers	citations	h-index	g-index

22	22	22	80
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of track line environment on the temperature field of a double-block ballastless track slab. Advances in Mechanical Engineering, 2018, 10, 168781401881232.	0.8	23
2	Synthesis of high rubber styrene-EPDM-acrylonitrile graft copolymer and its toughening effect on SAN. Journal of Applied Polymer Science, 2004, 94, 416-423.	1.3	21
3	Ballast bed resistance characteristics based on discrete-element modeling. Advances in Mechanical Engineering, 2018, 10, 168781401878146.	0.8	19
4	Experimental Investigation on the Vibration Reduction Characteristics of an Optimized Heavy-Haul Railway Low-Vibration Track. Shock and Vibration, 2019, 2019, 1-17.	0.3	8
5	Research on Dynamic Performance of CRTSâ…¢ Type Slab Ballastless Track under Long-Term Service. Materials, 2022, 15, 2033.	1.3	6
6	Numerical Modeling and Simulation on Seismic Performance of High-Speed Railway Bridge System. Noise and Vibration Worldwide, 2011, 42, 15-21.	0.4	5
7	Experimental study on the longitudinal resistance of WJ-8 fasteners subjected to torque and vertical loading in continuously welded rails. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2020, 234, 1071-1080.	1.3	5
8	Experimental Research on Vibration-Damping Effect of Combined Shear Hinge Prefabricated Steel Spring Floating Slab Track. Sensors, 2022, 22, 2567.	2.1	5
9	Research on the Variable-Temperature Cracking Mechanism of CRTS I Type Double-Block Ballastless Track on a Bridge. Materials, 2022, 15, 770.	1.3	4
10	Research on Fatigue Damage Evolution of the Base Plate Structure of China Railway Track System III Type Slab Ballastless Track under Heavy Haul Train Load. Applied Sciences (Switzerland), 2022, 12, 1694.	1.3	4
11	Experimental study on mechanical properties of heavy-haul low-vibration track under train static load. Science Progress, 2020, 103, 003685042092724.	1.0	3
12	Performance Analysis of Prefabricated Steel-Spring Floating-Slab Track and Its Application to Urban Express Rail Transit. Advances in Civil Engineering, 2020, 2020, 1-20.	0.4	2
13	Study on the Mechanical Characteristics of the Sleeper Slab Track on a Long-Span Steel Truss Bridge. Applied Sciences (Switzerland), 2021, 11, 5273.	1.3	2
14	Comparative Research on Vibration Characteristics of Cast-In-Place Steel-Spring-Floating Slab Track under Different Subway Line Conditions. Applied Sciences (Switzerland), 2022, 12, 5079.	1.3	2
15	A study on the dynamic characteristics of the new type of prefabricated slab ballastless track structure for urban rail transit applications. JVC/Journal of Vibration and Control, 2023, 29, 3756-3768.	1.5	2
16	Indoor simulation test research on cumulative longitudinal displacement of rail based on force and displacement sensors data collection. Science Progress, 2021, 104, 003685042110232.	1.0	1
17	Research on the longitudinal mechanical behaviours of subway turnouts of large slope under train braking force. Science Progress, 2021, 104, 003685042110283.	1.0	1
18	Statics performance of heavy-haul railway low-vibration track (LVT) under varying loading condition with the finite element method. Science Progress, 2021, 104, 003685042110363.	1.0	1

#	Article	IF	Citations
19	Research on Mechanical Performance of Improved Low Vibration Track and Its Feasibility Analysis for Heavy-Haul Railway Applications. Applied Sciences (Switzerland), 2021, 11, 10232.	1.3	1
20	Measurements of light energy distribution in pathological lesions using focused photoacoustic imaging. , 2011, , .		0
21	Longitudinal sliding resistance characteristics of the WJ-8 conventional resistance fastner. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2021, 235, 1268-1277.	1.3	0
22	Influence of Foundation Deformation and Vehicle Parameters on the Vertical Safety of High-Speed Trains. Applied Sciences (Switzerland), 2022, 12, 5704.	1.3	0