

Pavel Peterka

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

171
citations

1684188

5
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure analysis of hoisting steel wire rope. Engineering Failure Analysis, 2014, 45, 96-105.	4.0	74
2	Possibilities of failure analysis for steel cord conveyor belts using knowledge obtained from non-destructive testing of steel ropes. Engineering Failure Analysis, 2016, 67, 33-45.	4.0	25
3	The influence of corrosion on the life of steel ropes and prediction of their decommissioning. Engineering Failure Analysis, 2017, 74, 119-132.	4.0	24
4	Measurement of tight in steel ropes by a mean of thermovision. Measurement: Journal of the International Measurement Confederation, 2014, 50, 93-98.	5.0	15
5	Failure analysis of the journal bearing pulley of the cargo cable way. Engineering Failure Analysis, 2020, 111, 104329.	4.0	6
6	Prediction of fatigue fractures diffusion on the cableway haul rope. Engineering Failure Analysis, 2016, 59, 185-196.	4.0	5
7	Tractive work of the aerial cableway towing haul rope. Measurement: Journal of the International Measurement Confederation, 2017, 100, 322-328.	5.0	4
8	Friction lining coefficient of the drive friction pulley. Eksploatacja I Niezawodnosc, 2021, 23, 338-345.	2.0	4
9	Methodology of measurement of steel ropes by infrared technology. Engineering Failure Analysis, 2022, 133, 105978.	4.0	4
10	Non-Destructive Testing of Steel Wire Rope Transmission Area to Rope End by Magnetic Flux Leakage. Applied Mechanics and Materials, 2014, 683, 39-44.	0.2	3
11	Experience of the Crane Steel Wire Ropes Non-Destructive Tests. Advances in Science and Technology Research Journal, 2018, 12, 157-163.	0.8	3
12	THE CAUSES OF THE DAMAGE TO THE BEARING ROPE – THE FAILURE ANALYSIS. Advances in Science and Technology Research Journal, 2018, 12, 231-236.	0.8	2
13	Failure analysis of the industrial water piping system leakage. Engineering Failure Analysis, 2021, , 105843.	4.0	1
14	The failure analysis of the drilling rig hoisting steel wire rope. Eksploatacja I Niezawodnosc, 2020, 22, 667-675.	2.0	1
15	A Wire Contact in the Construction of a Steel Rope. Applied Mechanics and Materials, 2014, 683, 3-8.	0.2	0