

Miloslav Kepka Jr

List of Publications by Year in descending order

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17
papers

96
citations

1478505

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1474206

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18
all docs

18
docs citations

18
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved extrapolation method for the fatigue damage of bus structural steel under service loading. Journal of Mechanical Science and Technology, 2021, 35, 4437-4442.	1.5	0
2	Accelerated fatigue testing on special tracks as new part of methodology for bus/trolleybus development. Engineering Failure Analysis, 2020, 118, 104786.	4.0	4
3	The experimental investigation of behaviour of expanded polystyrene (EPS). IOP Conference Series: Materials Science and Engineering, 2020, 723, 012014.	0.6	7
4	VIBRATION FATIGUE - FEM ANALYSIS VS. REAL TESTING. MM Science Journal, 2020, 2020, 4128-4131.	0.4	0
5	Statistical approaches on the design of fatigue stress spectra for bus structures. SN Applied Sciences, 2019, 1, 1.	2.9	4
6	Influence of critical plane definition on fatigue lifetime estimation under variable amplitude nonproportional multiaxial loading.. Procedia Structural Integrity, 2019, 18, 663-670.	0.8	0
7	Fatigue life of a bus structure in normal operation and in accelerated testing on special tracks. Procedia Structural Integrity, 2019, 17, 44-50.	0.8	9
8	Mechanical Properties of 18Ni-300 maraging steel manufactured by LPBF. Procedia Structural Integrity, 2019, 17, 843-849.	0.8	17
9	Practical notes for assessing the fatigue life of bodyworks of buses and trolleybuses. Procedia Structural Integrity, 2019, 19, 595-603.	0.8	1
10	The Crack Analysis of Fatigue Tested Steel Construction. Manufacturing Technology, 2019, 19, 559-562.	1.4	3
11	Parametric calculations of fatigue life of critical part of trolleybus rear axle. Procedia Engineering, 2018, 213, 227-238.	1.2	7
12	Design, service and testing grounds stress spectra and their using to fatigue life assessment of bus bodyworks. MATEC Web of Conferences, 2018, 165, 17007.	0.2	7
13	Fatigue Tests – Important Part of Development of New Vehicles. MATEC Web of Conferences, 2018, 165, 22023.	0.2	2
14	Deterministic and probabilistic fatigue life calculations of a damaged welded joint in the construction of the trolleybus rear axle. Engineering Failure Analysis, 2018, 93, 257-267.	4.0	21
15	Calculations of fatigue life of a welded joint in the construction of the trolleybus rear axle. Procedia Structural Integrity, 2017, 5, 1409-1416.	0.8	2
16	Possibility of fatigue damage detection by non-destructive measurement of the surface hardness. Procedia Structural Integrity, 2017, 7, 262-267.	0.8	5
17	Structure service life assessment under combined loading using probability approach. Frattura Ed Integrita Strutturale, 2016, 10, 82-91.	0.9	5