

# Miloslav Kepka Jr

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8650848/publications.pdf>

Version: 2024-02-01

17  
papers

96  
citations

1478505

6  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

64  
citing authors

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