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List of Publications by Year in descending order

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15
papers

172
citations

1478505

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1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective spur gear pair optimization focused on volume and efficiency. Mechanism and Machine Theory, 2018, 125, 185-195.	4.5	54
2	Analytical approach for low and high cycle bending fatigue life prediction of carburized gear steel specimens. Engineering Failure Analysis, 2020, 108, 104328.	4.0	32
3	Effect of friction in a single-tooth fatigue test. International Journal of Fatigue, 2018, 114, 148-158.	5.7	30
4	Numerical model for bending fatigue life estimation of carburized spur gears with consideration of the adjacent tooth effect. International Journal of Fatigue, 2021, 153, 106515.	5.7	14
5	Computational model for bending fatigue prediction of surface hardened spur gears based on the multilayer method. International Journal of Fatigue, 2022, 161, 106892.	5.7	10
6	Experimental and Numerical Investigation of Collapse and Burst Pressures for a Valve Housing. Strain, 2011, 47, e519.	2.4	8
7	A new method for description of the pitting process on worm wheels propagation. Wear, 2015, 332-333, 1145-1150.	3.1	5
8	The influence of thermal treatment on the low-cycle fatigue behaviour of Cu-Ni-Mo sintered steel. Mechanics of Materials, 2019, 129, 57-62.	3.2	5
9	Comparison of SIF solutions obtained by XFEM and conventional FEM for cracks in complex geometries like valve body. Procedia Structural Integrity, 2018, 13, 2109-2113.	0.8	4
10	Effect of Rotational Speed on Thin-Rim Gear Bending Fatigue Crack Initiation Life. Key Engineering Materials, 0, 488-489, 456-459.	0.4	3
11	Contribution to the research on wood pellet characteristics from Turopolje area. Sumarski List, 2018, 142, 149-158.	0.3	2
12	Effect of friction on nominal stress results in a single tooth bending fatigue test. IOP Conference Series: Materials Science and Engineering, 2019, 659, 012004.	0.6	2
13	Numerical simulation of initiation and crack growth on cast valve body. Engineering Failure Analysis, 2020, 117, 104793.	4.0	2
14	Gear Geometry Inspection Based on 3D Optical Scanning: Worm Wheel Case Study. , 2021, , .		1
15	Influence of the Wall Thickness on the Allowable and Failure Pressures of Two- and Tree-Way Globe Valve Bodies. Key Engineering Materials, 0, 488-489, 646-649.	0.4	0