

# Luca Bonaiti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7615744/publications.pdf>

Version: 2024-02-01

10  
papers

93  
citations

1684188

5  
h-index

1720034

7  
g-index

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10  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Gear root bending strength: statistical treatment of Single Tooth Bending Fatigue tests results. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2022, 86, 251-258.	1.6	5
2	Effects of machine-tool parameters on geometry and contact pattern for face hobbled hypoid gears. <i>Meccanica</i> , 2022, 57, 1429-1442.	2.0	6
3	Gear Tooth Root Bending Strength Estimation under the Assumption of Fatigue Limit Existence. <i>Material Design and Processing Communications</i> , 2022, 2022, 1-13.	0.9	0
4	Bending Fatigue Behavior of 17-4 PH Gears Produced by Additive Manufacturing. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3019.	2.5	13
5	Gear Root Bending Strength: A Comparison Between Single Tooth Bending Fatigue Tests and Meshing Gears. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2021, 143, .	2.9	20
6	RELIABLE GEAR DESIGN: TRANSLATION OF THE RESULTS OF SINGLE TOOTH BENDING FATIGUE TESTS THROUGH THE COMBINATION OF NUMERICAL SIMULATIONS AND FATIGUE CRITERIA. <i>WIT Transactions on Engineering Sciences</i> , 2021, , .	0.0	10
7	Early Crack Propagation in Single Tooth Bending Fatigue: Combination of Finite Element Analysis and Critical-Planes Fatigue Criteria. <i>Metals</i> , 2021, 11, 1871.	2.3	13
8	Bending fatigue behaviour of 17-4 PH gears produced via selective laser melting. <i>Procedia Structural Integrity</i> , 2019, 24, 764-774.	0.8	26
9	Mode III threshold under Rolling Contact Fatigue and development of a test gearbox for planet gears. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 0, , 1.	1.6	0
10	Tooth contact analysis of a non-involute rack and pinion system for off-shore application. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 0, , 095440622210865.	2.1	0