

Alexander Hasse

List of Publications by Year in descending order

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13
papers

103
citations

1684188

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1372567

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#	ARTICLE	IF	CITATIONS
1	Benchmarking Newer Multiaxial Fatigue Strength Criteria on Data Sets of Various Sizes. <i>Metals</i> , 2022, 12, 289.	2.3	4
2	Probabilistic Method to Estimate the Scatter of the Fatigue Strength of Shafts in the HCF Region. <i>Procedia Structural Integrity</i> , 2022, 37, 746-754.	0.8	1
3	Synthesis of compliant mechanisms with selective compliance – An advanced procedure. <i>Mechanism and Machine Theory</i> , 2021, 157, 104184.	4.5	15
4	Vibration reduction by stiffness modulation – A theoretical study. <i>Journal of Sound and Vibration</i> , 2021, 501, 116040.	3.9	2
5	An Artificial Intelligence-Assisted Design Method for Topology Optimization without Pre-Optimized Training Data. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9041.	2.5	10
6	Poisson Induced Bending Actuator for Soft Robotic Systems. <i>Soft Robotics</i> , 2020, 7, 155-167.	8.0	15
7	Durability of hypotrochoidal shaft-hub connections under rotating bending with static torsion. <i>Procedia Structural Integrity</i> , 2019, 17, 90-97.	0.8	1
8	Different Failure Mechanisms in Keyed Shaft-Hub Connections under Dynamic Torque Load. <i>Procedia Structural Integrity</i> , 2019, 17, 162-169.	0.8	1
9	The survival probability of shafts and shaft-hub connections. <i>Engineering Failure Analysis</i> , 2019, 103, 195-202.	4.0	4
10	Flexure pitch bearing concept for individual pitch control of wind turbines. <i>Wind Energy</i> , 2018, 21, 129-138.	4.2	5
11	Model and Parameter Study of a Shape-Adaptable Beam for Vibration Control. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2018, 18, e201800465.	0.2	1
12	Design of compliant mechanisms with selective compliance. <i>Smart Materials and Structures</i> , 2009, 18, 115016.	3.5	43
13	Analysis and Optimization-Based Synthesis of Compliant Mechanisms. <i>Advances in Science and Technology</i> , 0, , .	0.2	1