Alexander Hasse

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5620018/publications.pdf

Version: 2024-02-01

13	103	1684188 5	1372567 10
papers	citations	h-index	g-index

13	13	13	83
all docs	docs citations	times ranked	citing authors

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