

Stein Crispel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/586326/publications.pdf>

Version: 2024-02-01

10
papers

108
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel SPECTA Actuator to Improve Energy Recuperation and Efficiency. <i>Actuators</i> , 2022, 11, 64.	2.3	1
2	A Novel Wolfrom-Based Gearbox for Robotic Actuators. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 1980-1988.	5.8	17
3	Compact Gearboxes for Modern Robotics: A Review. <i>Frontiers in Robotics and AI</i> , 2020, 7, 103.	3.2	49
4	Scaling laws for parallel motor-gearbox arrangements. , 2020, , .		2
5	Scaling laws for robotic transmissions. <i>Mechanism and Machine Theory</i> , 2019, 140, 601-621.	4.5	18
6	Energetic Advantages of Constant Torque Springs in Series Parallel Elastic Actuators. , 2019, , .		1
7	Customizing planetary gear trains for human limb assistance and replication. <i>MATEC Web of Conferences</i> , 2019, 287, 01014.	0.2	4
8	Scaling laws of compliant elements for high energy storage capacity in robotics. <i>Mechanism and Machine Theory</i> , 2019, 139, 482-505.	4.5	6
9	Failure Mode and Effect Analysis (FMEA)-Driven Design of a Planetary Gearbox for Active Wearable Robotics. <i>Biosystems and Biorobotics</i> , 2019, , 460-464.	0.3	5
10	Introducing Compound Planetary Gears (C-PGTs): A Compact Way to Achieve High Gear Ratios for Wearable Robots. <i>Biosystems and Biorobotics</i> , 2019, , 485-489.	0.3	5