

# Matthew Christie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/240444/publications.pdf>

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6  
papers

56  
citations

1937685  
4  
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1872680  
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g-index

6  
all docs

6  
docs citations

6  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative variable stiffness and variable damping magnetorheological actuation system for robotic arm positioning. <i>Journal of Intelligent Material Systems and Structures</i> , 2023, 34, 123-137.	2.5	8
2	Real-time adaptive leg-stiffness for roll compensation via magnetorheological control in a legged robot. <i>Smart Materials and Structures</i> , 2022, 31, 045003.	3.5	6
3	A magnetorheological fluid based planetary gear transmission for mechanical power-flow control. <i>Smart Materials and Structures</i> , 2021, 30, 045013.	3.5	3
4	Hybrid Dynamic Traffic Model for Freeway Flow Analysis Using a Switched Reduced-Order Unknown-Input State Observer. <i>Sensors</i> , 2020, 20, 1609.	3.8	4
5	A controllable mechanical motion rectifier-based semi-active magnetorheological inerter for vibration control. <i>Smart Materials and Structures</i> , 2020, 29, 114005.	3.5	13
6	A torsional MRE joint for a C-shaped robotic leg. <i>Smart Materials and Structures</i> , 2017, 26, 015002.	3.5	22