

# Bhaben Kalita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1610682/publications.pdf>

Version: 2024-02-01

8  
papers

199  
citations

1684188  
5  
h-index

1588992  
8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Active Lower Limb Robotic-Based Orthosis and Exoskeleton Devices: A Systematic Review. <i>International Journal of Social Robotics</i> , 2021, 13, 775-793.	4.6	101
2	Nonlinear dynamics of a parametrically excited pneumatic artificial muscle (PAM) actuator with simultaneous resonance condition. <i>Mechanism and Machine Theory</i> , 2019, 135, 281-297.	4.5	29
3	Development of Robot-Based Upper Limb Devices for Rehabilitation Purposes: a Systematic Review. <i>Augmented Human Research</i> , 2021, 6, 1.	4.7	25
4	Dynamic analysis of pneumatic artificial muscle (PAM) actuator for rehabilitation with principal parametric resonance condition. <i>Nonlinear Dynamics</i> , 2019, 97, 2271-2289.	5.2	21
5	Nonlinear dynamic response of pneumatic artificial muscle: A theoretical and experimental study. <i>International Journal of Non-Linear Mechanics</i> , 2020, 125, 103544.	2.6	13
6	Numerical Investigation of Nonlinear Dynamics of a Pneumatic Artificial Muscle With Hard Excitation. <i>Journal of Computational and Nonlinear Dynamics</i> , 2020, 15, .	1.2	4
7	Dynamic analysis of a parametrically excited golden Muga silk embedded pneumatic artificial muscle. <i>MATEC Web of Conferences</i> , 2018, 211, 02008.	0.2	3
8	Instability regions of pneumatic artificial muscle actuator subject to direct and parametric excitations. <i>Archive of Applied Mechanics</i> , 2022, 92, 2019-2039.	2.2	3