

# Mohd Sabirin Rahmat

## List of Publications by Year in descending order

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12  
papers

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1936888

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#	ARTICLE	IF	CITATIONS
1	A hybrid skyhook active force control for impact mitigation using magneto-rheological elastomer isolator. <i>Smart Materials and Structures</i> , 2021, 30, 025043.	1.8	7
2	Modelling and control of a Magneto-Rheological elastomer for impact reduction. <i>Journal of Mechanical Engineering and Sciences</i> , 2019, 13, 5259-5277.	0.3	7
3	Modelling and characterisation of a magneto-rheological elastomer isolator device under impact loadings using interpolated multiple adaptive neuro fuzzy inference system structure. <i>International Journal of Materials and Structural Integrity</i> , 2019, 13, 215.	0.1	6
4	Modelling and validation of magneto-rheological fluid damper behaviour under impact loading using interpolated multiple adaptive neuro-fuzzy inference system. <i>Multidiscipline Modeling in Materials and Structures</i> , 2020, 16, 1395-1415.	0.6	5
5	Vibration control of gun recoil system with magneto-rheological damper associated with adaptive hybrid skyhook active force control. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	0.8	2
6	Yaw stability control of single-trailer truck using steerable wheel at middle axle: hardware-in-the-loop simulation. <i>International Journal of Dynamics and Control</i> , 2022, 10, 2072-2094.	1.5	2
7	A New Design of High Impact Load Rejection System Based Mechanical Linkages Using the Self-Restitution Mechanism. , 2018, , .		1
8	Design and Characterization of a Controllable Knee Braces with Magneto-Rheological Damper. , 2020, , .		1
9	Investigation on the Effect of the Ferrous Particles Size on the Impact Absorption Capability of Magnetorheological Elastomer. , 2022, , .		1
10	Roll Rejection Control of 3-Axle Semi-Trailer Truck using Steerable-wheel Optimized with Particle Swarm Optimization (PSO). , 2020, , .		0
11	Yaw Control of a 3-Axle Truck Semi-Trailer using Steerable-Wheel Optimized with Gravitational Search Algorithm. , 2020, , .		0
12	Impact Testing of Magnetorheological Elastomer Based Matrix Material and Magnetic Particle. , 2021, , .		0