

Yaojung Shiao

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

150
citations

1684188

5
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

120
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Development of a multi-pole magnetorheological brake. Smart Materials and Structures, 2013, 22, 065008. | 3.5 | 67 |
| 2 | Optimal design of a new multipole bilayer magnetorheological brake. Smart Materials and Structures, 2016, 25, 115015. | 3.5 | 33 |
| 3 | Effects of Interactive Video Game-Based Exercise on Balance in Diabetic Patients with Peripheral Neuropathy: An Open-Level, Crossover Pilot Study. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-9. | 1.2 | 16 |
| 4 | Performance estimation of an engine with magnetorheological variable valve train. Advances in Mechanical Engineering, 2019, 11, 168781401984779. | 1.6 | 8 |
| 5 | High torque density magnetorheological brake with multipole dual disc construction. Smart Materials and Structures, 2022, 31, 045022. | 3.5 | 7 |
| 6 | Novel Spring-Buffered Variable Valve Train for an Engine Using Magneto-Rheological Fluid Technology. Frontiers in Materials, 2019, 6, . | 2.4 | 5 |
| 7 | Investigation of Hysteresis Effect in Torque Performance for a Magnetorheological Brake in Adaptive Knee Orthosis. Actuators, 2021, 10, 271. | 2.3 | 5 |
| 8 | PERFORMANCE INVESTIGATION OF AN SI ENGINE WITH VARIABLE VALVE TIMING AND LIFT BASED ON A MAGNETO-RHEOLOGICAL VALVE. Transactions of the Canadian Society for Mechanical Engineering, 2016, 40, 749-760. | 0.8 | 4 |
| 9 | Mode Strategy for Engine Efficiency Enhancement by Using a Magneto-Rheological Variable Valve Train. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, . | 2.3 | 3 |
| 10 | A neural-network-based adaptive tracking controller design for a class of nonlinear systems. , 0, , . | | 1 |
| 11 | Real-Time Exercise Mode Identification with an Inertial Measurement Unit for Smart Dumbbells. Applied Sciences (Switzerland), 2021, 11, 11521. | 2.5 | 1 |
| 12 | PROPOSING A VALVE TRAIN SYSTEM FOR CYLINDER DEACTIVATION IN SI ENGINES. Transactions of the Canadian Society for Mechanical Engineering, 2017, 41, 543-553. | 0.8 | 0 |
| 13 | PROPOSING A VALVE TRAIN SYSTEM FOR CYLINDER DEACTIVATION IN SI ENGINES. Transactions of the Canadian Society for Mechanical Engineering, 2017, 41, 543-553. | 0.8 | 0 |