

Vinura Jayaneththi

List of Publications by Year in descending order

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8
papers

79
citations

1684188
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1588992
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8
all docs

8
docs citations

8
times ranked

124
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Nonlinear displacement control of magnetic material actuators. Smart Materials and Structures, 2020, 29, 035010. | 3.5 | 1 |
| 2 | Wireless manipulation using magnetic polymer composites. Smart Materials and Structures, 2020, 29, 035035. | 3.5 | 1 |
| 3 | Controlled transdermal drug delivery using a wireless magnetic microneedle patch: Preclinical device development. Sensors and Actuators B: Chemical, 2019, 297, 126708. | 7.8 | 38 |
| 4 | Coupled magneto-mechanical modeling of non-linear ferromagnetic diaphragm systems. International Journal of Mechanical Sciences, 2019, 155, 360-369. | 6.7 | 16 |
| 5 | Design-based modeling of magnetically actuated soft diaphragm materials. Smart Materials and Structures, 2018, 27, 045012. | 3.5 | 8 |
| 6 | Neuromuscular characterisation in Cerebral Palsy using hybrid Hill-type models on isometric contractions. Computers in Biology and Medicine, 2018, 103, 269-276. | 7.0 | 6 |
| 7 | Robotic assessment of neuromuscular characteristics using musculoskeletal models: A pilot study. Computers in Biology and Medicine, 2017, 86, 82-89. | 7.0 | 8 |
| 8 | Modelling and Experimental Analysis of a Magnetic Material Actuator: Towards Wireless Implantable Devices. Proceedings (mdpi), 2017, 1, . | 0.2 | 1 |