

Richard Beaumont

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Methodology for Developing a Macro Finite Element Model of Lithium-Ion Pouch Cells for Predicting Mechanical Behaviour under Multiple Loading Conditions. <i>Energies</i> , 2021, 14, 1921.	3.1	9
2	Dynamic Mechanical Compression Impulse of Lithium-Ion Pouch Cells. <i>Energies</i> , 2020, 13, 2105.	3.1	8
3	Macro-Modelling of Laser Micro-Joints for Understanding Joint Strength in Electric Vehicle Battery Interconnects. <i>Materials</i> , 2021, 14, 3552.	2.9	7
4	High rate and temperature-dependent tensile characterisation with modelling for gap-bridged remote laser welded (RLW) joint using automotive AA5182 alloy. <i>International Journal of Impact Engineering</i> , 2020, 144, 103672.	5.0	3