Declan Carolan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5539367/publications.pdf

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13	279	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A simplified approach to modelling temperature rises in battery cells and modules. Applied Thermal Engineering, 2022, 210, 118357.	6.0	1
2	Synergistic toughening and electrical functionalization of an epoxy using <scp>MWCNTs</scp> and silaneâ€•/plasmaâ€activated basalt fibers. Journal of Applied Polymer Science, 2021, 138, .	2.6	8
3	Effect of rapid manufacturing on the performance of carbon fibre epoxy polymers. Journal of Materials Science, 2021, 56, 6188-6203.	3.7	5
4	Fracture and fatigue behaviour of carbon fibre composites with nanoparticle-sized fibres. Composite Structures, 2019, 217, 143-149.	5.8	33
5	Toughening epoxy syntactic foams with milled carbon fibres: Mechanical properties and toughening mechanisms. Materials and Design, 2019, 169, 107654.	7.0	38
6	Mechanical and fracture properties of epoxy adhesives modified with graphene nanoplatelets and rubber particles. International Journal of Adhesion and Adhesives, 2018, 81, 21-29.	2.9	54
7	Curing rate effects on the toughness of epoxy polymers. Polymer, 2018, 159, 116-123.	3.8	19
8	Experimental and numerical analysis of conductive ternary polymer blend composites. Journal of Applied Polymer Science, 2017, 134, .	2.6	5
9	Quantifying Alumina Nanoparticle Dispersion in Hybrid Carbon Fiber Composites Using Photoluminescent Spectroscopy. Applied Spectroscopy, 2017, 71, 258-266.	2.2	8
10	Carbon nanotubes and coreâ€“shell rubber nanoparticles modified structural epoxy adhesives. Journal of Materials Science, 2017, 52, 4493-4508.	3.7	37
11	Mechanical and fracture performance of carbon fibre reinforced composites with nanoparticle modified matrices. Procedia Structural Integrity, 2016, 2, 96-103.	0.8	17
12	Simultaneously tough and conductive rubberâ€“grapheneâ€“epoxy nanocomposites. Journal of Materials Science, 2016, 51, 8631-8644.	3.7	21
13	A Raman spectroscopy investigation into the influence of thermal treatments on the residual stress of polycrystalline diamond. International Journal of Refractory Metals and Hard Materials, 2015, 52, 114-122.	3.8	33