

Wouter Post

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

657
citations

933447
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1281871
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13
all docs

13
docs citations

13
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on the Potential and Limitations of Recyclable Thermosets for Structural Applications. Polymer Reviews, 2020, 60, 359-388.	10.9	206
2	Self-repair of structural and functional composites with intrinsically self-healing polymer matrices: A review. Composites Part A: Applied Science and Manufacturing, 2015, 69, 226-239.	7.6	164
3	Review of current strategies to induce self-healing behaviour in fibre reinforced polymer based composites. Materials Science and Technology, 2014, 30, 1633-1641.	1.6	53
4	The reinforcement and healing of asphalt mastic mixtures by rejuvenator encapsulation in alginate compartmented fibres. Smart Materials and Structures, 2016, 25, 084003.	3.5	50
5	Healing of a glass fibre reinforced composite with a disulphide containing organic-inorganic epoxy matrix. Composites Science and Technology, 2017, 152, 85-93.	7.8	39
6	Effect of the blend ratio on the shape memory and self-healing behaviour of ionomer-polycyclooctene crosslinked polymer blends. European Polymer Journal, 2018, 98, 154-161.	5.4	38
7	Non-destructive monitoring of delamination healing of a CFRP composite with a thermoplastic ionomer interlayer. Composites Part A: Applied Science and Manufacturing, 2017, 101, 243-253.	7.6	35
8	The compartmented alginate fibres optimisation for bitumen rejuvenator encapsulation. Journal of Traffic and Transportation Engineering (English Edition), 2017, 4, 347-359.	4.2	34
9	Healing of Early Stage Fatigue Damage in Ionomer/Fe ₃ O ₄ Nanoparticle Composites. Polymers, 2016, 8, 436.	4.5	17
10	Effect of Mineral Fillers on the Mechanical Properties of Commercially Available Biodegradable Polymers. Polymers, 2021, 13, 394.	4.5	17
11	Self-healing glass fiber reinforced polymer composites based on montmorillonite reinforced compartmented alginate fibers. Polymer Composites, 2019, 40, 471-480.	4.6	2
12	Recyclable Thermoset Polymer Composites Based on Degradable and Dynamic Covalent Chemistry. , 2022, , 366-380.		1
13	Compartmented Alginate Fibres as a Healing Agent (Rejuvenator) Delivery System and Reinforcement for Asphalt Pavemnets. , 2016, , .		1