

Agathe Robisson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3561170/publications.pdf>

Version: 2024-02-01

20
papers

890
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1126
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of reactions and network structures of epoxy thermosets. <i>Progress in Polymer Science</i> , 2016, 62, 126-179.	24.7	261
2	Nanoscale visualization and multiscale mechanical implications of bound rubber interphases in rubber-carbon black nanocomposites. <i>Soft Matter</i> , 2011, 7, 1066-1077.	2.7	154
3	Complex Fluids and Hydraulic Fracturing. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2016, 7, 415-453.	6.8	141
4	Visco-hyperelastic model with internal state variable coupled with discontinuous damage concept under total Lagrangian formulation. <i>International Journal of Plasticity</i> , 2003, 19, 977-1000.	8.8	62
5	Force generated by a swelling elastomer subject to constraint. <i>Journal of Applied Physics</i> , 2010, 107, 103535.	2.5	59
6	Process-microstructure-property relationships in controlled atmosphere plasma spraying of ceramics. <i>Surface and Coatings Technology</i> , 2004, 183, 204-211.	4.8	33
7	Synthesis, mechanical properties and chemical/solvent resistance of crosslinked poly(aryl-ether-ether-ketones) at high temperatures. <i>Polymer</i> , 2010, 51, 1914-1920.	3.8	32
8	Swellable elastomers under constraint. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	24
9	Effect of casting and curing temperature on the interfacial bond strength of epoxy bonded concretes. <i>Construction and Building Materials</i> , 2021, 307, 124328.	7.2	22
10	Kinetics of swelling under constraint. <i>Journal of Applied Physics</i> , 2013, 114, 064901.	2.5	15
11	A simple analogy between carbon black reinforced rubbers and random three-dimensional open-cell solids. <i>Mechanics of Materials</i> , 2010, 42, 974-980.	3.2	14
12	Swellable elastomeric HNBR-MgO composite: Magnesium oxide as a novel swelling and reinforcement filler. <i>Composites Science and Technology</i> , 2014, 99, 52-58.	7.8	14
13	Influence of Defect Orientation on Electrical Insulating Properties of Plasma-Sprayed Alumina Coatings. <i>Journal of Electroceramics</i> , 2005, 15, 65-74.	2.0	13
14	Reactive elastomeric composites: When rubber meets cement. <i>Composites Science and Technology</i> , 2013, 75, 77-83.	7.8	12
15	Stimuli-Responsive Cement-Reinforced Rubber. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6962-6968.	8.0	12
16	Effect of hydrolytic degradation on the mechanical property of a thermoplastic polyether ester elastomer. <i>Polymer Degradation and Stability</i> , 2018, 155, 35-42.	5.8	10
17	Small oscillatory rheology and cementitious particle interactions. <i>Cement and Concrete Research</i> , 2022, 157, 106790.	11.0	8
18	On the inhomogeneous hydration kinetics and stiffness evolution of HNBR-MgO reactive elastomer composites. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	2

#	ARTICLE	IF	CITATIONS
19	Novel reactive elastomer-metal oxide composite: Effect of filler size and content on swelling and reinforcement. , 2014, , .		1
20	Suspensions Sedimenting in a Horizontal Annulus “ A Model for Oilfield Cements in Horizontal Wells. RILEM Bookseries, 2020, , 52-59.	0.4	1