

Sylvain CharlÃ's

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2660468/publications.pdf>

Version: 2024-02-01

6
papers

40
citations

1937685

4
h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse identification of constitutive parameters from heat source fields: A local approach applied to hyperelasticity. <i>Strain</i> , 2020, 56, e12334.	2.4	13
2	Comparison between x-ray diffraction and quantitative surface calorimetry based on infrared thermography to evaluate strain-induced crystallinity in natural rubber. <i>Review of Scientific Instruments</i> , 2020, 91, 044902.	1.3	12
3	Thermodynamics of strain-induced crystallization in filled natural rubber under uni- and biaxial loadings, Part I: Complete energetic characterization and crystallinity evaluation. <i>Journal of the Mechanics and Physics of Solids</i> , 2022, 159, 104701.	4.8	8
4	First evidence and characterization of strain-induced crystallization heterogeneity in natural rubber under homogeneous strain states. <i>Polymer</i> , 2022, 255, 125120.	3.8	5
5	Thermomechanical Behaviour and Interface of Overmoulded Soft Thermoplastic Vulcanizate Elastomers. <i>Materials</i> , 2021, 14, 5704.	2.9	2
6	Full-Field Analysis of Strain-Induced Crystallization in Natural Rubber. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2021, , 9-12.	0.5	0