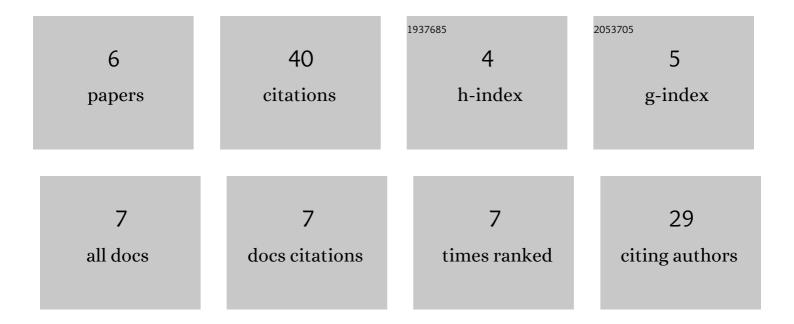
Sylvain CharlÃ"s

List of Publications by Year in descending order

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

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#	Article	IF	CITATIONS
1	Inverse identification of constitutive parameters from heat source fields: A local approach applied to hyperelasticity. Strain, 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. Review of Scientific Instruments, 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. Journal of the Mechanics and Physics of Solids, 2022, 159, 104701.	4.8	8
4	First evidence and characterization of strain-induced crystallization heterogeneity in natural rubber under homogeneous strain states. Polymer, 2022, 255, 125120.	3.8	5
5	Thermomechanical Behaviour and Interface of Overmoulded Soft Thermoplastic Vulcanizate Elastomers. Materials, 2021, 14, 5704.	2.9	2
6	Full-Field Analysis of Strain-Induced Crystallization in Natural Rubber. Conference Proceedings of the Society for Experimental Mechanics, 2021, , 9-12.	0.5	0