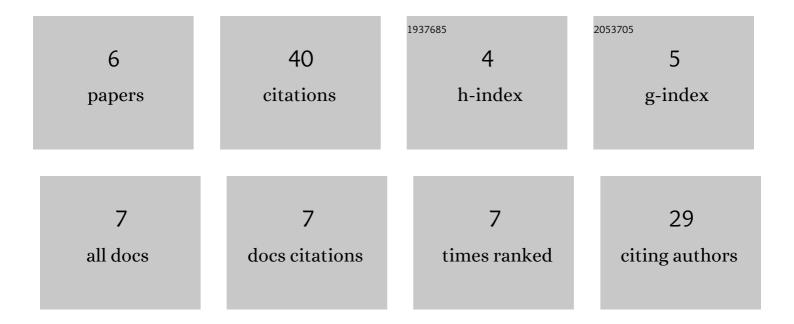
Sylvain CharlÃ"s

List of Publications by Year in descending order

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

Version: 2024-02-01



| # | Article | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | 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 |
| 2 | First evidence and characterization of strain-induced crystallization heterogeneity in natural rubber under homogeneous strain states. Polymer, 2022, 255, 125120. | 3.8 | 5 |
| 3 | Full-Field Analysis of Strain-Induced Crystallization in Natural Rubber. Conference Proceedings of the Society for Experimental Mechanics, 2021, , 9-12. | 0.5 | Ο |
| 4 | Thermomechanical Behaviour and Interface of Overmoulded Soft Thermoplastic Vulcanizate Elastomers. Materials, 2021, 14, 5704. | 2.9 | 2 |
| 5 | Inverse identification of constitutive parameters from heat source fields: A local approach applied to hyperelasticity. Strain, 2020, 56, e12334. | 2.4 | 13 |
| 6 | 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 |