

Felipe T Tempel Stumpf

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1937685

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1872680

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25
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite strain viscoelasticity: how to consistently couple discretizations in time and space on quadrature-point level for full order $p \geq 2$ and a considerable speed-up. Computational Mechanics, 2013, 52, 463-483.	4.0	10
2	An accurate and efficient constitutive framework for finite strain viscoelasticity applied to anisotropic soft tissues. Mechanics of Materials, 2021, 161, 104007.	3.2	7
3	Lifetime prediction of aramid yarns applied to offshore mooring due to purely hydrolytic degradation. Polymers and Polymer Composites, 2019, 27, 518-524.	1.9	6
4	Lifetime prediction of high-modulus polyethylene yarns subjected to creep using the Larson-Miller methodology. Polymers and Polymer Composites, 2019, 27, 400-406.	1.9	5
5	Constitutive framework of a new hyperelastic model for isotropic rubber-like materials for finite element implementation. Latin American Journal of Solids and Structures, 2021, 18, .	1.0	4
6	PRELIMINARY ASSESSMENT OF THE CHANGE IN THE MECHANICAL BEHAVIOR OF SYNTHETIC YARNS SUBMITTED TO CONSECUTIVE STIFFNESS TESTS. Acta Polytechnica CTU Proceedings, 0, 3, 75-77.	0.3	3
7	Characterization of Constitutive Parameters for Hyperelastic Models Considering the Baker-Ericksen Inequalities. Advanced Structured Materials, 2016, , 375-393.	0.5	2
8	Finite-element simulation of semi-solid metal processing of tool steel encased in carbon steel. Simulation, 2022, 98, 563-574.	1.8	2
9	EVALUATION OF THE FATIGUE RESPONSE OF POLYESTER YARNS AFTER THE APPLICATION OF ABRUPT TENSION LOADS. Acta Polytechnica CTU Proceedings, 2016, 7, 76.	0.3	1
10	Algorithmic Consistency in Computational Inelasticity - a Conceptual Completion. Proceedings in Applied Mathematics and Mechanics, 2013, 13, 129-130.	0.2	0
11	Cavitation erosion in UHMWPE: A three-dimensional FEM study. , 2015, , 235-240.		0