

Osman GÃœltekÄ°n

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

371
citations

1307366

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1372474

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g-index

12
all docs

12
docs citations

12
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	A phase-field model for fracture of unidirectional fiber-reinforced polymer matrix composites. Computational Mechanics, 2020, 65, 1149-1166.	2.2	36
2	An extended eight-chain model for hyperelastic and finite viscoelastic response of rubberlike materials: Theory, experiments and numerical aspects. Journal of the Mechanics and Physics of Solids, 2020, 145, 104159.	2.3	37
3	A quasi-incompressible and quasi-inextensible finite element analysis of fibrous soft biological tissues. Biomechanics and Modeling in Mechanobiology, 2020, 19, 2357-2373.	1.4	5
4	On the quasi-incompressible finite element analysis of anisotropic hyperelastic materials. Computational Mechanics, 2019, 63, 443-453.	2.2	34
5	Computational modeling of progressive damage and rupture in fibrous biological tissues: application to aortic dissection. Biomechanics and Modeling in Mechanobiology, 2019, 18, 1607-1628.	1.4	36
6	A Brief Review on Computational Modeling of Rupture in Soft Biological Tissues. Computational Methods in Applied Sciences (Springer), 2018, , 113-144.	0.1	6
7	Numerical aspects of anisotropic failure in soft biological tissues favor energy-based criteria: A rate-dependent anisotropic crack phase-field model. Computer Methods in Applied Mechanics and Engineering, 2018, 331, 23-52.	3.4	73
8	Phase-Field Models for the Failure of Anisotropic Continua. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 91-94.	0.2	5
9	An orthotropic viscoelastic model for the passive myocardium: continuum basis and numerical treatment. Computer Methods in Biomechanics and Biomedical Engineering, 2016, 19, 1647-1664.	0.9	59
10	A phase-field approach to model fracture of arterial walls: Theory and finite element analysis. Computer Methods in Applied Mechanics and Engineering, 2016, 312, 542-566.	3.4	80