

Markus Klassen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

322
citations

1937685

4
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Isogeometric analysis of 2D gradient elasticity. Computational Mechanics, 2011, 47, 325-334.	4.0	117
2	Dynamic analysis of dielectric elastomer actuators. Applied Physics Letters, 2012, 100, 112903.	3.3	117
3	On electromechanical stability analysis of dielectric elastomer actuators. Applied Physics Letters, 2010, 97, .	3.3	75
4	Experimental and numerical investigation of the microstructural influence on the deformation behavior of notched cp-titanium specimens. International Journal of Materials Research, 2013, 104, 535-541.	0.3	5
5	Dynamic analysis of dielectric elastomer actuators. Proceedings in Applied Mathematics and Mechanics, 2011, 11, 935-938.	0.2	4
6	Analysis and Application of the Rational B-Spline Finite Element Method in 2D. Proceedings in Applied Mathematics and Mechanics, 2010, 10, 561-562.	0.2	1
7	Shape optimization of material inclusions in dielectric elastomer composites. Archive of Applied Mechanics, 2019, 89, 1141-1156.	2.2	1
8	Numerical homogenization of the Eshelby tensor at small strains. Mathematics and Mechanics of Solids, 2020, 25, 1504-1514.	2.4	1
9	An isogeometric scaled boundary plate formulation for the analysis of ionic electroactive paper. Acta Mechanica, 2023, 234, 207-219.	2.1	1
10	Numerical modelling and optimization aspects of soft dielectric actuators. Proceedings in Applied Mathematics and Mechanics, 2011, 11, 477-478.	0.2	0
11	Nonlinear dynamics of the dielectric elastomer actuator. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 355-356.	0.2	0
12	Numerical Modeling Aspects of Dielectric Elastomer Actuators. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 409-410.	0.2	0
13	The Influence of Incompressibility on the Microstructure of Dielectric Elastomers. Proceedings in Applied Mathematics and Mechanics, 2013, 13, 221-222.	0.2	0
14	A numerical study of the influence of inclusion geometries in heterogeneous dielectric elastomers. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800247.	0.2	0