

Michel Destrade

List of Publications by Year in descending order

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156
papers

5,222
citations

94269

37
h-index

110170

64
g-index

161
all docs

161
docs citations

161
times ranked

3331
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the anisotropic mechanical properties of excised human skin. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 5, 139-148.	1.5	529
2	Mechanical characterization of brain tissue in compression at dynamic strain rates. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 10, 23-38.	1.5	257
3	Mechanical characterization of brain tissue in tension at dynamic strain rates. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 33, 43-54.	1.5	187
4	A robust anisotropic hyperelastic formulation for the modelling of soft tissue. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 39, 48-60.	1.5	162
5	Automated Estimation of Collagen Fibre Dispersion in the Dermis and its Contribution to the Anisotropic Behaviour of Skin. Annals of Biomedical Engineering, 2012, 40, 1666-1678.	1.3	159
6	Mechanical characterization of brain tissue in simple shear at dynamic strain rates. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 28, 71-85.	1.5	151
7	Initial stresses in elastic solids: Constitutive laws and acoustoelasticity. Wave Motion, 2011, 48, 552-567.	1.0	129
8	Methodical fitting for mathematical models of rubber-like materials. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160811.	1.0	95
9	On the third- and fourth-order constants of incompressible isotropic elasticity. Journal of the Acoustical Society of America, 2010, 128, 3334-3343.	0.5	86
10	Bending instabilities of soft biological tissues. International Journal of Solids and Structures, 2009, 46, 4322-4330.	1.3	84
11	Simple shear is not so simple. International Journal of Non-Linear Mechanics, 2012, 47, 210-214.	1.4	83
12	Bleustein-Gulyaev waves in some functionally graded materials. European Journal of Mechanics, A/Solids, 2006, 25, 695-706.	2.1	78
13	Catastrophic Thinning of Dielectric Elastomers. Physical Review Letters, 2017, 118, 078001.	2.9	73
14	Extreme softness of brain matter in simple shear. International Journal of Non-Linear Mechanics, 2015, 75, 54-58.	1.4	72
15	Measuring knife stab penetration into skin simulant using a novel biaxial tension device. Forensic Science International, 2008, 177, 52-65.	1.3	70
16	Instabilities in elastomers and in soft tissues. Quarterly Journal of Mechanics and Applied Mathematics, 2006, 59, 615-630.	0.5	69
17	Nonlinear Euler buckling. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2008, 464, 3003-3019.	1.0	67
18	Gent models for the inflation of spherical balloons. International Journal of Non-Linear Mechanics, 2015, 68, 52-58.	1.4	63

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19	The explicit secular equation for surface acoustic waves in monoclinic elastic crystals. <i>Journal of the Acoustical Society of America</i> , 2001, 109, 1398-1402.	0.5	62
20	Incremental Magnetoelastic Deformations, with Application to Surface Instability. <i>Journal of Elasticity</i> , 2008, 90, 19-42.	0.9	59
21	Third- and fourth-order constants of incompressible soft solids and the acousto-elastic effect. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 2759-2763.	0.5	58
22	Wrinkles in soft dielectric plates. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 119, 298-318.	2.3	58
23	At least three invariants are necessary to model the mechanical response of incompressible, transversely isotropic materials. <i>Computational Mechanics</i> , 2013, 52, 959-969.	2.2	55
24	Measuring the linear and nonlinear elastic properties of brain tissue with shear waves and inverse analysis. <i>Biomechanics and Modeling in Mechanobiology</i> , 2015, 14, 1119-1128.	1.4	55
25	Third- and fourth-order elasticities of biological soft tissues. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 2103-2106.	0.5	49
26	Morphology of residually stressed tubular tissues: Beyond the elastic multiplicative decomposition. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 90, 242-253.	2.3	47
27	Finite amplitude elastic waves propagating in compressible solids. <i>Physical Review E</i> , 2005, 72, 016620.	0.8	46
28	Onset of Nonlinearity in the Elastic Bending of Blocks. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2010, 77, .	1.1	46
29	Large acoustoelastic effect. <i>Wave Motion</i> , 2012, 49, 364-374.	1.0	46
30	Surface acoustic waves in rotating orthorhombic crystals. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2004, 460, 653-665.	1.0	45
31	On anisotropic elasticity and questions concerning its Finite Element implementation. <i>Computational Mechanics</i> , 2013, 52, 1185-1197.	2.2	45
32	Surface waves in orthotropic incompressible materials. <i>Journal of the Acoustical Society of America</i> , 2001, 110, 837-840.	0.5	43
33	Actively controllable topological phase transition in phononic beam systems. <i>International Journal of Mechanical Sciences</i> , 2020, 180, 105668.	3.6	42
34	The incompressible limit in linear anisotropic elasticity, with applications to surface waves and elastostatics. <i>Journal of the Mechanics and Physics of Solids</i> , 2002, 50, 1453-1468.	2.3	40
35	Guided waves in pre-stressed hyperelastic plates and tubes: Application to the ultrasound elastography of thin-walled soft materials. <i>Journal of the Mechanics and Physics of Solids</i> , 2017, 102, 67-79.	2.3	40
36	Modified multiplicative decomposition model for tissue growth: Beyond the initial stress-free state. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 118, 133-151.	2.3	40

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37	Bimodular rubber buckles early in bending. <i>Mechanics of Materials</i> , 2010, 42, 469-476.	1.7	39
38	Rayleigh waves in symmetry planes of crystals: explicit secular equations and some explicit wave speeds. <i>Mechanics of Materials</i> , 2003, 35, 931-939.	1.7	38
39	Inhomogeneous deformation of brain tissue during tension tests. <i>Computational Materials Science</i> , 2012, 64, 295-300.	1.4	38
40	On stress-dependent elastic moduli and wave speeds. <i>IMA Journal of Applied Mathematics</i> , 2013, 78, 965-997.	0.8	38
41	Dominant negative Poynting effect in simple shearing of soft tissues. <i>Journal of Engineering Mathematics</i> , 2015, 95, 87-98.	0.6	38
42	Acoustic waves at the interface of a pre-stressed incompressible elastic solid and a viscous fluid. <i>International Journal of Non-Linear Mechanics</i> , 2007, 42, 310-320.	1.4	37
43	Influence of preservation temperature on the measured mechanical properties of brain tissue. <i>Journal of Biomechanics</i> , 2013, 46, 1276-1281.	0.9	37
44	Seismic Rayleigh waves on an exponentially graded, orthotropic half-space. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2007, 463, 495-502.	1.0	36
45	Surface waves in a deformed isotropic hyperelastic material subject to an isotropic internal constraint. <i>Wave Motion</i> , 2004, 40, 347-357.	1.0	35
46	Surface Instability of Sheared Soft Tissues. <i>Journal of Biomechanical Engineering</i> , 2008, 130, 061007.	0.6	35
47	Deficiencies in numerical models of anisotropic nonlinearly elastic materials. <i>Biomechanics and Modeling in Mechanobiology</i> , 2013, 12, 781-791.	1.4	35
48	Solitary and compactlike shear waves in the bulk of solids. <i>Physical Review E</i> , 2006, 73, 065604.	0.8	34
49	A combined experimental and numerical study of stab-penetration forces. <i>Forensic Science International</i> , 2013, 233, 7-13.	1.3	34
50	On residual stresses and homeostasis: an elastic theory of functional adaptation in living matter. <i>Scientific Reports</i> , 2016, 6, 24390.	1.6	33
51	Poynting effect of brain matter in torsion. <i>Soft Matter</i> , 2019, 15, 5147-5153.	1.2	32
52	Nonlinear transverse waves in deformed dispersive solids. <i>Wave Motion</i> , 2008, 45, 325-336.	1.0	30
53	Finite-amplitude inhomogeneous waves in Mooney-Rivlin viscoelastic solids. <i>Wave Motion</i> , 2004, 40, 251-262.	1.0	29
54	Weierstrass's criterion and compact solitary waves. <i>Physical Review E</i> , 2007, 75, 047601.	0.8	29

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55	Asymptotic results for bifurcations in pure bending of rubber blocks. Quarterly Journal of Mechanics and Applied Mathematics, 2008, 61, 395-414.	0.5	29
56	Initial stress symmetry and its applications in elasticity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20150448.	1.0	29
57	Influence of Initial Residual Stress on Growth and Pattern Creation for a Layered Aorta. Scientific Reports, 2019, 9, 8232.	1.6	29
58	Prescribing patterns in growing tubular soft matter by initial residual stress. Soft Matter, 2019, 15, 8468-8474.	1.2	29
59	Finite bending and pattern evolution of the associated instability for a dielectric elastomer slab. International Journal of Solids and Structures, 2019, 158, 191-209.	1.3	29
60	Temperature effects on brain tissue in compression. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 14, 113-118.	1.5	28
61	Torsion instability of soft solid cylinders. IMA Journal of Applied Mathematics, 2014, 79, 804-819.	0.8	28
62	Determination of friction coefficient in unconfined compression of brain tissue. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 14, 163-171.	1.5	27
63	Strain energy function for isotropic non-linear elastic incompressible solids with linear finite strain response in shear and torsion. Extreme Mechanics Letters, 2016, 9, 204-206.	2.0	27
64	Surface waves in a stretched and sheared incompressible elastic material. International Journal of Non-Linear Mechanics, 2005, 40, 241-253.	1.4	26
65	Slight compressibility and sensitivity to changes in Poisson's ratio. International Journal for Numerical Methods in Engineering, 2012, 90, 403-411.	1.5	26
66	Tuning the pull-in instability of soft dielectric elastomers through loading protocols. International Journal of Non-Linear Mechanics, 2019, 113, 62-66.	1.4	26
67	On deforming a sector of a circular cylindrical tube into an intact tube: Existence, uniqueness, and stability. International Journal of Engineering Science, 2010, 48, 1212-1224.	2.7	25
68	Non-invasive evaluation of skin tension lines with elastic waves. Skin Research and Technology, 2017, 23, 326-335.	0.8	24
69	Proton Resonance Frequency Shift Thermometry: A Review of Modern Clinical Practices. Journal of Magnetic Resonance Imaging, 2022, 55, 389-403.	1.9	24
70	Uniform transmural strain in pre-stressed arteries occurs at physiological pressure. Journal of Theoretical Biology, 2012, 303, 93-97.	0.8	23
71	Some results on finite amplitude elastic waves propagating in rotating media. Acta Mechanica, 2004, 173, 19-31.	1.1	22
72	Compact travelling waves in viscoelastic solids. Europhysics Letters, 2009, 87, 48001.	0.7	22

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73	Small amplitude waves and stability for a pre-stressed viscoelastic solid. Zeitschrift Fur Angewandte Mathematik Und Physik, 2009, 60, 511-528.	0.7	22
74	Nonlinear Correction to the Euler Buckling Formula for Compressed Cylinders with Guided-Guided End Conditions. Journal of Elasticity, 2011, 102, 191-200.	0.9	22
75	Proper formulation of viscous dissipation for nonlinear waves in solids. Journal of the Acoustical Society of America, 2013, 133, 1255-1259.	0.5	22
76	Electrostatically tunable axisymmetric vibrations of soft electro-active tubes. Journal of Sound and Vibration, 2020, 483, 115467.	2.1	21
77	On the ABAQUS FEA Model of Finite Viscoelasticity. Rubber Chemistry and Technology, 2009, 82, 184-193.	0.6	20
78	Mechanical Properties of Excised Human Skin. IFMBE Proceedings, 2010, , 1000-1003.	0.2	20
79	Elastic Cherenkov effects in transversely isotropic soft materials-I: Theoretical analysis, simulations and inverse method. Journal of the Mechanics and Physics of Solids, 2016, 96, 388-410.	2.3	19
80	Nonlinear response and axisymmetric wave propagation in functionally graded soft electro-active tubes. International Journal of Mechanical Sciences, 2020, 187, 106006.	3.6	19
81	Rayleigh Waves in Anisotropic Crystals Rotating About the Normal to a Symmetry Plane. Journal of Applied Mechanics, Transactions ASME, 2004, 71, 516-520.	1.1	18
82	Non-principal surface waves in deformed incompressible materials. International Journal of Engineering Science, 2005, 43, 1092-1106.	2.7	18
83	The speed of interfacial waves polarized in a symmetry plane. International Journal of Engineering Science, 2006, 44, 26-36.	2.7	18
84	The stress field in a pulled cork and some subtle points in the semi-inverse method of nonlinear elasticity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2007, 463, 2945-2959.	1.0	18
85	Straightening wrinkles. Journal of the Mechanics and Physics of Solids, 2014, 65, 1-11.	2.3	18
86	Pattern evolution in bending dielectric-elastomeric bilayers. Journal of the Mechanics and Physics of Solids, 2020, 136, 103670.	2.3	18
87	Acousto-elasticity of transversely isotropic incompressible soft tissues: characterization of skeletal striated muscle. Physics in Medicine and Biology, 2021, 66, 145009.	1.6	18
88	Scalar evolution equations for shear waves in incompressible solids: a simple derivation of the Z, ZK, KZK and KP equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 1823-1834.	1.0	17
89	Wrinkles and creases in the bending, unbending and eversion of soft sectors. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170827.	1.0	17
90	Mechanics of human brain organoids. Physical Review E, 2020, 101, 022403.	0.8	17

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91	Elastic interface acoustic waves in twinned crystals. <i>International Journal of Solids and Structures</i> , 2003, 40, 7375-7383.	1.3	16
92	Explicit secular equations for piezoacoustic surface waves: Shear-horizontal modes. <i>Journal of the Acoustical Society of America</i> , 2004, 116, 3432-3442.	0.5	16
93	Surface waves and surface stability for a pre-stretched, unconstrained, non-linearly elastic half-space. <i>International Journal of Non-Linear Mechanics</i> , 2009, 44, 545-551.	1.4	16
94	Straightening: existence, uniqueness and stability. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2014, 470, 20130709.	1.0	16
95	Edge wrinkling in elastically supported pre-stressed incompressible isotropic plates. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20160410.	1.0	16
96	Piezolectric love waves on rotated Y-cut mm ² substrates. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006, 53, 2132-2139.	1.7	15
97	On the rectilinear shear of compressible and incompressible elastic slabs. <i>International Journal of Engineering Science</i> , 2010, 48, 1202-1211.	2.7	15
98	On the thermodynamic consistency of Quasi-linear viscoelastic models for soft solids. <i>Mechanics Research Communications</i> , 2021, 111, 103648.	1.0	15
99	Piezoacoustic wave spectra using improved surface impedance matrix: Application to high impedance-contrast layered plates. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 1972-1982.	0.5	14
100	Electrothermal Equivalent Three-Dimensional Finite-Element Model of a Single Neuron. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1373-1381.	2.5	14
101	Fine tuning the electro-mechanical response of dielectric elastomers. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	14
102	Shear instability in skin tissue. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2013, 66, 273-288.	0.5	13
103	Inhomogeneous shear of orthotropic incompressible non-linearly elastic solids: Singular solutions and biomechanical interpretation. <i>International Journal of Engineering Science</i> , 2009, 47, 1170-1181.	2.7	11
104	Explicit secular equation for Scholte waves over a monoclinic crystal. <i>Journal of Sound and Vibration</i> , 2004, 273, 409-414.	2.1	10
105	Large-amplitude love waves. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2008, 61, 353-371.	0.5	10
106	Toward a Predictive Assessment of Stab-Penetration Forces. <i>American Journal of Forensic Medicine and Pathology</i> , 2015, 36, 162-166.	0.4	10
107	Hyperelastic and Viscoelastic Properties of Brain Tissue in Tension. , 2012, , .		9
108	Electro-mechanical response of a 3D nerve bundle model to mechanical loads leading to axonal injury. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e2942.	1.0	9

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109	Multi-sector approximation method for arteries: the residual stresses of circumferential rings with non-trivial openings. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190023.	1.5	9
110	Electro-mechanically guided growth and patterns. <i>Journal of the Mechanics and Physics of Solids</i> , 2020, 143, 104073.	2.3	9
111	An ultrasonic method to measure stress without calibration: The angled shear wave method. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 3963-3970.	0.5	9
112	Finite-amplitude inhomogeneous plane waves in a deformed Mooney-Rivlin material. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2000, 53, 343-361.	0.5	8
113	Wireless communicative stent for follow-up of abdominal aortic aneurysm. , 2006, , .		8
114	Generalization of the Zabolotskaya equation to all incompressible isotropic elastic solids. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190061.	1.0	8
115	Explicit secular equations for piezoacoustic surface waves: Rayleigh modes. <i>Journal of Applied Physics</i> , 2005, 98, 054903.	1.1	7
116	The effect of an exterior electric field on the instability of dielectric plates. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200267.	1.0	7
117	Stability analysis of charge-controlled soft dielectric plates. <i>International Journal of Engineering Science</i> , 2020, 151, 103280.	2.7	7
118	A Wave Near the Edge of a Circular Disk. <i>The Open Acoustics Journal</i> , 2008, 1, 15-18.	0.1	7
119	On interface waves in misoriented pre-stressed incompressible elastic solids. <i>IMA Journal of Applied Mathematics</i> , 2004, 70, 3-14.	0.8	6
120	Creep, Recovery, and Waves in a Nonlinear Fiber-Reinforced Viscoelastic Solid. <i>SIAM Journal on Applied Mathematics</i> , 2007, 68, 80-97.	0.8	6
121	COMPRESSION INSTABILITIES OF TISSUES WITH LOCALIZED STRAIN SOFTENING. <i>International Journal of Applied Mechanics</i> , 2011, 03, 69-83.	1.3	6
122	Wrinkles in the opening angle method. <i>International Journal of Solids and Structures</i> , 2017, 122-123, 189-195.	1.3	6
123	Oblique wrinkles. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160158.	1.6	6
124	Rivlin's legacy in continuum mechanics and applied mathematics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20190090.	1.6	6
125	Wrinkling of soft magneto-active plates. <i>International Journal of Solids and Structures</i> , 2021, 208-209, 13-30.	1.3	6
126	The Generalised Mooney Space for Modelling the Response of Rubber-Like Materials. <i>Journal of Elasticity</i> , 2022, 151, 127-141.	0.9	6

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127	Nonlinear Vibration and Stability of a Dielectric Elastomer Balloon Based on a Strain-Stiffening Model. <i>Journal of Elasticity</i> , 2023, 153, 533-548.	0.9	6
128	Rayleigh Waves and Surface Stability for Bell Materials in Compression; Comparison with Rubber. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2003, 56, 593-604.	0.5	5
129	Counter-intuitive results in acousto-elasticity. <i>Wave Motion</i> , 2013, 50, 1218-1228.	1.0	5
130	Effects of nerve bundle geometry on neurotrauma evaluation. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e3118.	1.0	5
131	Experimental assessment of clinical MRI-induced global SAR distributions in head phantoms. <i>Physica Medica</i> , 2019, 66, 113-118.	0.4	5
132	The Poynting effect. <i>American Journal of Physics</i> , 2020, 88, 1036-1040.	0.3	5
133	Introduction to the special issue on waves in non-linear solid mechanics. <i>International Journal of Non-Linear Mechanics</i> , 2009, 44, 445-449.	1.4	4
134	Ray W Ogden: An Appreciation. <i>Mathematics and Mechanics of Solids</i> , 2015, 20, 621-624.	1.5	4
135	Neurotrauma evaluation in a 3D electro-mechanical model of a nerve bundle. , 2017, , ,		4
136	Head-to-nerve analysis of electromechanical impairments of diffuse axonal injury. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 361-374.	1.4	4
137	Bending control and stability of functionally graded dielectric elastomers. <i>Extreme Mechanics Letters</i> , 2021, 43, 101162.	2.0	4
138	Electro-elastic Lamb waves in dielectric plates. <i>Extreme Mechanics Letters</i> , 2020, 39, 100782.	2.0	4
139	Small-Amplitude Inhomogeneous Plane Waves in a Deformed Mooney-rivlin Material. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2002, 55, 109-126.	0.5	3
140	A high rate tension device for characterizing brain tissue. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2012, 226, 170-176.	0.4	3
141	Plane-polarised finite-amplitude shear waves in deformed incompressible materials. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 1494-1503.	1.5	3
142	Circularly polarized plane waves in a deformed Hadamard material. <i>Wave Motion</i> , 2002, 35, 289-309.	1.0	2
143	Surface waves in deformed Bell materials. <i>International Journal of Non-Linear Mechanics</i> , 2003, 38, 809-814.	1.4	2
144	Stoneley Waves and Interface Stability of Bell Materials in Compression; Comparison with Rubber. <i>Mathematics and Mechanics of Solids</i> , 2005, 10, 227-246.	1.5	2

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145	Incremental Equations for Soft Fibrous Materials. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2015, , 233-267.	0.3	2
146	Electro-mechanical response of a 3D nerve bundle model to mechanical loads leading to axonal injury. , 2017, 2017, 978-981.		2
147	A hyperbolic framework for shear sound beams in nonlinear solids. Communications in Nonlinear Science and Numerical Simulation, 2021, 103, 106036.	1.7	2
148	Finite-Amplitude Inhomogeneous Plane Waves of Exponential Type in Incompressible Elastic Materials. Journal of Elasticity, 1999, 55, 163-166.	0.9	1
149	Inhomogeneous ?longitudinal? plane waves in a deformed elastic material. Journal of Elasticity, 2005, 75, 147-165.	0.9	1
150	Tension Lines of the Skin. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2019, , 265-280.	0.7	1
151	ENDOCOM : Abdominal Aortic Aneurysm test bench for in vitro simulation. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2323-6.	0.5	0
152	Special issue in honor of K.R. Rajagopal. International Journal of Engineering Science, 2010, 48, 943-944.	2.7	0
153	Introduction to special issue on stability under finite deformation. IMA Journal of Applied Mathematics, 2010, 75, 475-478.	0.8	0
154	Effects of nerve bundle geometry on neurotrauma evaluation. , 2017, , .		0
155	Notice of Removal: Guided wave elastography of press-stressed thin-walled soft tissues. , 2017, , .		0
156	Interface Waves in Pre-Stressed Incompressible Solids. , 2007, , 63-102.		0