

Victor A Eremeyev

List of Publications by Year in descending order

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Version: 2025-02-01

210
papers

5,388
citations

73894

38
h-index

91511

65
g-index

222
all docs

222
docs citations

222
times ranked

1818
citing authors

#	ARTICLE	IF	CITATIONS
1	A historical overview on static and dynamic analyses of sandwich or partially composite beams and plates. <i>Mathematics and Mechanics of Solids</i> , 2025, 30, 1608-1643.	1.7	0
2	Can we really solve an arch stability problem?. <i>International Journal of Engineering Science</i> , 2024, 194, 103968.	5.5	2
3	On rotary inertia of microstructured beams and variations thereof. <i>Mechanics Research Communications</i> , 2024, 135, 104239.	2.1	7
4	M-integral for finite anti-plane shear of a nonlinear elastic matrix with rigid inclusions. <i>International Journal of Engineering Science</i> , 2024, 196, 104009.	5.5	0
5	Surface finite viscoelasticity and surface anti-plane waves. <i>International Journal of Engineering Science</i> , 2024, 196, 104029.	5.5	7
6	On nonlinear rheology of masonries and granular media. <i>International Journal of Engineering Science</i> , 2024, 198, 104053.	5.5	0
7	Experimental and theoretical study on high-temperature creep of VT6 titanium alloy under multi-axial loading conditions. <i>Journal of Thermal Stresses</i> , 2024, 47, 727-742.	2.5	0
8	Post-buckling behaviour of corrugated-edge shells: Numerical insights. <i>Structures</i> , 2024, 65, 106758.	3.8	2
9	Effects of interfacial sliding on anti-plane waves in an elastic plate imperfectly attached to an elastic half-space. <i>International Journal of Engineering Science</i> , 2024, 205, 104158.	5.5	3
10	Ellipticity and Hyperbolicity Within Nonlinear Strain Gradient Elasticity: 1D Case. <i>Advanced Structured Materials</i> , 2024, , 109-116.	0.0	0
11	Minimal surfaces and conservation laws for bidimensional structures. <i>Mathematics and Mechanics of Solids</i> , 2023, 28, 380-393.	1.7	2
12	Electrodynamics from the viewpoint of modern continuum theory – A review. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2023, 103, .	2.3	6
13	On well-posedness of the first boundary-value problem within linear isotropic Toupin-Mindlin strain gradient elasticity and constraints for elastic moduli. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2023, 103, .	2.3	6
14	Anti-plane shear waves in an elastic strip rigidly attached to an elastic half-space. <i>International Journal of Engineering Science</i> , 2023, 184, 103809.	5.5	14
15	Experimental study and numerical simulation of the dynamic penetration into dry clay. <i>Continuum Mechanics and Thermodynamics</i> , 2023, 35, 457-469.	2.0	0
16	Strong Ellipticity and Infinitesimal Stability within Nth-Order Gradient Elasticity. <i>Mathematics</i> , 2023, 11, 1024.	2.3	7
17	Identification of Dynamic Behavior Models of Concrete B22.5. <i>Materials</i> , 2023, 16, 2259.	2.9	1
18	Ellipticity of gradient poroelasticity. <i>International Journal of Engineering Science</i> , 2023, 190, 103885.	5.5	3

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19	On the structural behaviour of existing RC bridges subjected to corrosion effects: Numerical insight. <i>Engineering Failure Analysis</i> , 2023, 152, 107500.	5.1	15
20	On a 3D material modelling of smart nanocomposite structures. <i>International Journal of Engineering Science</i> , 2023, 193, 103966.	5.5	17
21	On weak solutions of the boundary value problem within linear dilatational strain gradient elasticity for polyhedral Lipschitz domains. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 433-445.	1.7	11
22	On the deformation and frequency analyses of SARS-CoV-2 at nanoscale. <i>International Journal of Engineering Science</i> , 2022, 170, 103604.	5.5	39
23	A non-linear direct peridynamics plate theory. <i>Composite Structures</i> , 2022, 279, 114728.	6.4	24
24	Flexomagnetism in Functionally Graded Nanostructures. <i>Advanced Structured Materials</i> , 2022, , 321-335.	0.0	3
25	Nonlocalized thermal behavior of rotating micromachined beams under dynamic and thermodynamic loads. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2022, 102, .	2.3	9
26	Extended micropolar approach within the framework of 3M theories and variations thereof. <i>Continuum Mechanics and Thermodynamics</i> , 2022, 34, 533-554.	2.0	10
27	On solvability of initial boundary-value problems of micropolar elastic shells with rigid inclusions. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 1800-1812.	1.7	2
28	Laplace domain BEM for anisotropic transient elastodynamics. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 2034-2045.	1.7	0
29	A model of damaged media used for describing the process of non-stationary creep and long-term strength of polycrystalline structural alloys. <i>Continuum Mechanics and Thermodynamics</i> , 2022, , .	2.0	1
30	On a flexomagnetic behavior of composite structures. <i>International Journal of Engineering Science</i> , 2022, 175, 103671.	5.5	27
31	On dynamic modeling of piezomagnetic/flexomagnetic microstructures based on Lord's Shulman thermoelastic model. <i>Archive of Applied Mechanics</i> , 2022, 93, 181-196.	2.1	28
32	Nonlinear free and forced vibrations of a dielectric elastomer-based microcantilever for atomic force microscopy. <i>Continuum Mechanics and Thermodynamics</i> , 2022, 36, 1013-1030.	2.0	5
33	Generalized continua with applications. <i>Continuum Mechanics and Thermodynamics</i> , 2022, , .	2.0	0
34	Nonlinear strain gradient and micromorphic one-dimensional elastic continua: Comparison through strong ellipticity conditions. <i>Mechanics Research Communications</i> , 2022, 124, 103909.	2.1	12
35	Anti-plane waves in an elastic thin strip with surface energy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	2.8	7
36	The effect of shear deformations' rotary inertia on the vibrating response of multi-physic composite beam-like actuators. <i>Composite Structures</i> , 2022, 297, 115951.	6.4	7

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37	Continuum models for pantographic blocks with second gradient energies which are incomplete. <i>Mechanics Research Communications</i> , 2022, 125, 103988.	2.1	16
38	To Francesco dell'Isola. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 1871-1875.	1.7	0
39	Advances in Micro- and Nanomechanics. <i>Nanomaterials</i> , 2022, 12, 4433.	4.2	0
40	Ellipticity in couple-stress elasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2022, 74, .	1.3	10
41	Mechanical simulation of artificial gravity in torus-shaped and cylindrical spacecraft. <i>Acta Astronautica</i> , 2021, 179, 330-344.	3.5	17
42	On the influence of a surface roughness on propagation of anti-plane short-length localized waves in a medium with surface coating. <i>International Journal of Engineering Science</i> , 2021, 158, 103428.	5.5	23
43	A variational approach of homogenization of piezoelectric composites towards piezoelectric and flexoelectric effective media. <i>International Journal of Engineering Science</i> , 2021, 158, 103410.	5.5	50
44	Surface and interfacial anti-plane waves in micropolar solids with surface energy. <i>Mathematics and Mechanics of Solids</i> , 2021, 26, 708-721.	1.7	9
45	On thermal stability of piezo-flexomagnetic microbeams considering different temperature distributions. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 33, 1281-1297.	2.0	28
46	Bending analysis of functionally graded nanoplates based on a higher-order shear deformation theory using dynamic relaxation method. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 35, 1103-1122.	2.0	16
47	On nonlinear dilatational strain gradient elasticity. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 33, 1429-1463.	2.0	28
48	Computational analysis of an infinite magneto-thermoelastic solid periodically dispersed with varying heat flow based on non-local Moore-Gibson-Thompson approach. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 34, 1067-1085.	2.0	62
49	Experimental and Numerical Investigation of Tensile and Flexural Behavior of Nanoclay Wood-Plastic Composite. <i>Materials</i> , 2021, 14, 2773.	2.9	6
50	Local material symmetry group for first- and second-order strain gradient fluids. <i>Mathematics and Mechanics of Solids</i> , 2021, 26, 1173-1190.	1.7	9
51	Investigation of Wood Flour Size, Aspect Ratios, and Injection Molding Temperature on Mechanical Properties of Wood Flour/Polyethylene Composites. <i>Materials</i> , 2021, 14, 3406.	2.9	16
52	Flexomagneticity in buckled shear deformable hard-magnetic soft structures. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 34, 1-16.	2.0	12
53	Foreword. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 33, 873-875.	2.0	0
54	Thermal buckling of functionally graded piezomagnetic micro- and nanobeams presenting the flexomagnetic effect. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 34, 1051-1066.	2.0	43

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55	Flexomagnetic response of buckled piezomagnetic composite nanoplates. <i>Composite Structures</i> , 2021, 267, 113932.	6.4	37
56	Effect of surface on the flexomagnetic response of ferroic composite nanostructures; nonlinear bending analysis. <i>Composite Structures</i> , 2021, 271, 114179.	6.4	29
57	On the generalized model of shell structures with functional cross-sections. <i>Composite Structures</i> , 2021, 272, 114192.	6.4	22
58	Strong ellipticity conditions and infinitesimal stability within nonlinear strain gradient elasticity. <i>Mechanics Research Communications</i> , 2021, 117, 103782.	2.1	23
59	On weak solutions of boundary value problems within the surface elasticity of N th order. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021, 101, .	2.3	5
60	The Influence of Specimen Geometry and Loading Conditions on the Mechanical Properties of Porous Brittle Media. <i>Materials</i> , 2021, 14, 7144.	2.9	0
61	Nonlinear Free and Forced Vibrations of a Hyperelastic Micro/Nanobeam Considering Strain Stiffening Effect. <i>Nanomaterials</i> , 2021, 11, 3066.	4.2	17
62	Cavity-expansion approximation for projectile impact and penetration into sand. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 34, 395-421.	2.0	3
63	On stress singularity near the tip of a crack with surface stresses. <i>International Journal of Engineering Science</i> , 2020, 146, 103183.	5.5	64
64	Post-critical buckling of truncated conical carbon nanotubes considering surface effects embedding in a nonlinear Winkler substrate using the Rayleigh-Ritz method. <i>Materials Research Express</i> , 2020, 7, 025005.	2.1	33
65	Torsional stability capacity of a nano-composite shell based on a nonlocal strain gradient shell model under a three-dimensional magnetic field. <i>International Journal of Engineering Science</i> , 2020, 148, 103210.	5.5	117
66	Transverse surface waves on a cylindrical surface with coating. <i>International Journal of Engineering Science</i> , 2020, 147, 103188.	5.5	47
67	Strongly anisotropic surface elasticity and antiplane surface waves. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190100.	2.8	24
68	Enriched buckling for beam-lattice metamaterials. <i>Mechanics Research Communications</i> , 2020, 103, 103458.	2.1	57
69	On Dynamic Extension of a Local Material Symmetry Group for Micropolar Media. <i>Symmetry</i> , 2020, 12, 1632.	2.2	10
70	Buckling analysis of a non-concentric double-walled carbon nanotube. <i>Acta Mechanica</i> , 2020, 231, 5007-5020.	2.4	33
71	On instabilities and post-buckling of piezomagnetic and flexomagnetic nanostructures. <i>International Journal of Engineering Science</i> , 2020, 157, 103395.	5.5	81
72	On the well posedness of static boundary value problem within the linear dilatational strain gradient elasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2020, 71, .	1.3	34

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73	On the non-linear dynamics of torus-shaped and cylindrical shell structures. <i>International Journal of Engineering Science</i> , 2020, 156, 103371.	5.5	97
74	On Nonlinear Bending Study of a Piezo-Flexomagnetic Nanobeam Based on an Analytical-Numerical Solution. <i>Nanomaterials</i> , 2020, 10, 1762.	4.2	40
75	Effect of Axial Porosities on Flexomagnetic Response of In-Plane Compressed Piezomagnetic Nanobeams. <i>Symmetry</i> , 2020, 12, 1935.	2.2	42
76	On Effective Bending Stiffness of a Laminate Nanoplate Considering Steigmann's Ogden Surface Elasticity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7402.	2.6	10
77	On the Dynamics of a Visco-Piezo-Flexoelectric Nanobeam. <i>Symmetry</i> , 2020, 12, 643.	2.2	57
78	On rotational instability within the nonlinear six-parameter shell theory. <i>International Journal of Solids and Structures</i> , 2020, 196-197, 179-189.	2.9	26
79	A new hyperbolic-polynomial higher-order elasticity theory for mechanics of thick FGM beams with imperfection in the material composition. <i>Composite Structures</i> , 2020, 249, 112486.	6.4	63
80	Experimental analysis of wear resistance of compacts of fine-dispersed iron powder and tungsten monocarbide nanopowder produced by impulse pressing. <i>Wear</i> , 2020, 456-457, 203358.	3.6	4
81	On the effective properties of foams in the framework of the couple stress theory. <i>Continuum Mechanics and Thermodynamics</i> , 2020, 32, 1779-1801.	2.0	25
82	Flexoelectricity and apparent piezoelectricity of a pantographic micro-bar. <i>International Journal of Engineering Science</i> , 2020, 149, 103213.	5.5	61
83	Characterization of the Functionally Graded Shear Modulus of a Half-Space. <i>Mathematics</i> , 2020, 8, 640.	2.3	15
84	Nonlinear resultant theory of shells accounting for thermodiffusion. <i>Continuum Mechanics and Thermodynamics</i> , 2020, 33, 893-909.	2.0	8
85	Free Vibration of Flexomagnetic Nanostructured Tubes Based on Stress-driven Nonlocal Elasticity. <i>Advanced Structured Materials</i> , 2020, , 215-226.	0.0	16
86	Elastic Shells, <i>Material Symmetry Group</i> . , 2020, , 816-822.		0
87	On Surface Kinetic Constitutive Relations. <i>Advanced Structured Materials</i> , 2020, , 145-152.	0.0	0
88	Size Effect in Nanomaterials. , 2020, , 2290-2291.		2
89	Anti-plane Surface Waves in Materials with Surface Energy. , 2020, , 107-110.		0
90	Aero, Eron Lyuttovich. , 2020, , 33-35.		1

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91	Comparison of anti-plane surface waves in strain-gradient materials and materials with surface stresses. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 2526-2535.	1.7	55
92	On the correspondence between two- and three-dimensional Eshelby tensors. <i>Continuum Mechanics and Thermodynamics</i> , 2019, 31, 1615-1625.	2.0	9
93	Anti-plane surface waves in media with surface structure: Discrete vs. continuum model. <i>International Journal of Engineering Science</i> , 2019, 143, 33-38.	5.5	44
94	Nonlinear planar modeling of massive taut strings travelled by a force-driven point-mass. <i>Nonlinear Dynamics</i> , 2019, 97, 2201-2218.	5.3	12
95	Harmonic Vibrations of Nanosized Magnetoelectric Bodies with Coupled Surface and Interphase Effects: Mathematical Models and Finite Element Approaches. <i>Springer Proceedings in Physics</i> , 2019, , 345-363.	0.0	0
96	On existence and uniqueness of weak solutions for linear pantographic beam lattices models. <i>Continuum Mechanics and Thermodynamics</i> , 2019, 31, 1843-1861.	2.0	36
97	Wave transmission across surface interfaces in lattice structures. <i>International Journal of Engineering Science</i> , 2019, 145, 103173.	5.5	28
98	Generalized continua with applications: Euromech Solid Mechanics Conference 2018. <i>Continuum Mechanics and Thermodynamics</i> , 2019, 31, 1571-1572.	2.0	1
99	Two- and three-dimensional elastic networks with rigid junctions: modeling within the theory of micropolar shells and solids. <i>Acta Mechanica</i> , 2019, 230, 3875-3887.	2.4	30
100	Assessment of dynamic characteristics of thin cylindrical sandwich panels with magnetorheological core. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 2748-2769.	2.3	24
101	Simulation of the Surface Structure of Ferroelectric Thin Films. <i>Advanced Structured Materials</i> , 2019, , 33-58.	0.0	0
102	On Nonlinear Dynamic Theory of Thin Plates with Surface Stresses. <i>Advanced Structured Materials</i> , 2019, , 19-26.	0.0	6
103	On the Equations of the Surface Elasticity Model Based on the Theory of Polymeric Brushes. <i>Advanced Structured Materials</i> , 2019, , 153-161.	0.0	2
104	On Anti-Plane Surface Waves Considering Highly Anisotropic Surface Elasticity Constitutive Relations. <i>Advanced Structured Materials</i> , 2019, , 1-9.	0.0	3
105	On Kinetic Nature of Hysteresis Phenomena in Stress-Induced Phase Transformations. <i>Advanced Structured Materials</i> , 2019, , 223-229.	0.0	4
106	On Dynamic Boundary Conditions Within the Linear Steigmann-Ogden Model of Surface Elasticity and Strain Gradient Elasticity. <i>Advanced Structured Materials</i> , 2019, , 195-207.	0.0	10
107	Adaptation of the arbitrary Lagrange-Euler approach to fluid-solid interaction on an example of high velocity flow over thin platelet. <i>Continuum Mechanics and Thermodynamics</i> , 2019, 33, 2301-2314.	2.0	10
108	A continual model of a damaged medium used for analyzing fatigue life of polycrystalline structural alloys under thermal-mechanical loading. <i>Continuum Mechanics and Thermodynamics</i> , 2019, 32, 229-245.	2.0	15

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109	On the Characterization of the Nonlinear Reduced Micromorphic Continuum with the Local Material Symmetry Group. <i>Advanced Structured Materials</i> , 2019, , 43-54.	0.0	4
110	A Comparison of Boundary Element Method and Finite Element Method Dynamic Solutions for Poroelastic Column. <i>Advanced Structured Materials</i> , 2019, , 121-134.	0.0	2
111	ON ANTIPLANE DEFORMATIONS OF AN ELASTIC MATERIAL WITH RIGID FIBERS CONSIDERING SURFACE ENERGY AND NONPERFECT CONTACT. <i>Nanoscience and Technology</i> , 2019, 10, 79-87.	0.6	0
112	On Non-holonomic Boundary Conditions within the Nonlinear Cosserat Continuum. <i>Advanced Structured Materials</i> , 2019, , 93-104.	0.0	2
113	Size Effect in Nanomaterials. , 2019, , 1-3.		0
114	Surface Elasticity Models: Comparison Through the Condition of the Anti-plane Surface Wave Propagation. <i>Advanced Structured Materials</i> , 2019, , 113-124.	0.0	2
115	Antiplane Surface Wave Propagation Within the Stress Gradient Surface Elasticity. <i>Mathematics of Planet Earth</i> , 2019, , 29-37.	0.0	1
116	Singular Surface Curves in the Resultant Thermodynamics of Shells. <i>Advanced Structured Materials</i> , 2019, , 367-381.	0.0	0
117	Anti-plane Surface Waves in Materials with Surface Energy. , 2019, , 1-4.		0
118	Some Introductory and Historical Remarks on Mechanics of Microstructured Materials. <i>Advanced Structured Materials</i> , 2018, , 1-20.	0.0	7
119	Virtual spring damper method for nonholonomic robotic swarm self-organization and leader following. <i>Continuum Mechanics and Thermodynamics</i> , 2018, 30, 1091-1102.	2.0	30
120	Aero, Eron Lyuttovich. , 2018, , 1-3.		0
121	A Note on Reduced Strain Gradient Elasticity. <i>Advanced Structured Materials</i> , 2018, , 301-310.	0.0	19
122	Acceleration waves in the nonlinear micromorphic continuum. <i>Mechanics Research Communications</i> , 2018, 93, 70-74.	2.1	17
123	Bending of a Three-Layered Plate with Surface Stresses. <i>Advanced Structured Materials</i> , 2018, , 1-10.	0.0	3
124	On the peculiarities of anti-plane surface waves propagation for media with microstructured coating. <i>MATEC Web of Conferences</i> , 2018, 226, 03020.	0.3	1
125	On the material symmetry group for micromorphic media with applications to granular materials. <i>Mechanics Research Communications</i> , 2018, 94, 8-12.	2.1	32
126	Pantographic metamaterials: an example of mathematically driven design and of its technological challenges. <i>Continuum Mechanics and Thermodynamics</i> , 2018, 31, 851-884.	2.0	294

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127	Nonlinear finite element modeling of vibration control of plane rod-type structural members with integrated piezoelectric patches. <i>Continuum Mechanics and Thermodynamics</i> , 2018, 31, 147-188.	2.0	41
128	On Computational Evaluation of Stress Concentration Using Micropolar Elasticity. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 199-205.	0.0	1
129	Elastic Shells, <i>Material Symmetry Group.</i> , 2018, , 1-7.		0
130	On Nonlocal Surface Elasticity and Propagation of Surface Anti-Plane Waves. <i>Advanced Structured Materials</i> , 2017, , 153-162.	0.0	7
131	On the Elastic Plates and Shells with Residual Surface Stresses. <i>Procedia IUTAM</i> , 2017, 21, 25-32.	1.1	13
132	On the Models of Three-Layered Plates and Shells with Thin Soft Core. <i>Advanced Structured Materials</i> , 2017, , 159-171.	0.0	0
133	Acceleration Waves in Media with Microstructure. <i>Advanced Structured Materials</i> , 2017, , 123-132.	0.0	0
134	Mathematical Models and Finite Element Approaches for Nanosized Piezoelectric Bodies with Uncoupled and Coupled Surface Effects. <i>Advanced Structured Materials</i> , 2017, , 1-18.	0.0	8
135	Analytical and Computer Methods to Evaluate Mechanical Properties of the Metamaterials Based on Various Models of Polymeric Chains. <i>Advanced Structured Materials</i> , 2017, , 35-69.	0.0	2
136	On strength analysis of highly porous materials within the framework of the micropolar elasticity. <i>Procedia Structural Integrity</i> , 2017, 5, 446-451.	1.0	4
137	A layer-wise theory of shallow shells with thin soft core for laminated glass and photovoltaic applications. <i>Composite Structures</i> , 2017, 178, 434-446.	6.4	35
138	Thin-Walled Structural Elements: Classification, Classical and Advanced Theories, New Applications. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , 2017, , 1-62.	0.0	14
139	Basics of Mechanics of Micropolar Shells. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , 2017, , 63-111.	0.0	23
140	Linear Pantographic Sheets: Existence and Uniqueness of Weak Solutions. <i>Journal of Elasticity</i> , 2017, 132, 175-196.	1.3	118
141	On Finite Element Computations of Contact Problems in Micropolar Elasticity. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-9.	2.0	12
142	On Equilibrium of a Second-Gradient Fluid Near Edges and Corner Points. <i>Advanced Structured Materials</i> , 2016, , 547-556.	0.0	8
143	On Strain Rate Tensors and Constitutive Equations of Inelastic Micropolar Materials. <i>Advanced Structured Materials</i> , 2016, , 1-13.	0.0	0
144	A revisit of the paradox of discontinuous trajectory for a mass particle moving on a taut string. <i>Nonlinear Dynamics</i> , 2016, 86, 2245-2260.	5.3	21

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145	On the Variational Analysis of Vibrations of Prestressed Six-Parameter Shells. <i>Advanced Structured Materials</i> , 2016, , 3-19.	0.0	7
146	Material symmetry group and constitutive equations of micropolar anisotropic elastic solids. <i>Mathematics and Mechanics of Solids</i> , 2016, 21, 210-221.	1.7	109
147	Special Issue in Honor of Eron L Aero. <i>Mathematics and Mechanics of Solids</i> , 2016, 21, 3-5.	1.7	3
148	Surface/interfacial anti-plane waves in solids with surface energy. <i>Mechanics Research Communications</i> , 2016, 74, 8-13.	2.1	62
149	Identifying traction–separation behavior of self-adhesive polymeric films from in situ digital images under T-peeling. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 91, 40-55.	5.6	27
150	On the Effective Properties of Elastic Materials and Structures at the Micro- and Nano-Scale Considering Various Models of Surface Elasticity. <i>Springer Tracts in Mechanical Engineering</i> , 2016, , 29-41.	0.0	6
151	ON FEM EVALUATION OF STRESS CONCENTRATION IN MICROPOLAR ELASTIC MATERIALS. <i>International Journal of Nanomechanics Science and Technology</i> , 2016, 7, 297-304.	0.8	3
152	On the constitutive equations of viscoelastic micropolar plates and shells of differential type. <i>Mathematics and Mechanics of Complex Systems</i> , 2015, 3, 273-283.	0.7	38
153	On the use of the first order shear deformation plate theory for the analysis of three–layer plates with thin soft core layer. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2015, 95, 1004-1011.	2.3	68
154	The Rayleigh and Courant variational principles in the six-parameter shell theory. <i>Mathematics and Mechanics of Solids</i> , 2015, 20, 806-822.	1.7	32
155	A relationship between effective work of adhesion and peel force for thin hyperelastic films undergoing large deformation. <i>Mechanics Research Communications</i> , 2015, 69, 24-26.	2.1	33
156	On the Direct Approach in the Theory of Second Gradient Plates. <i>Advanced Structured Materials</i> , 2015, , 147-154.	0.0	11
157	On the Theories of Plates and Shells at the Nanoscale. <i>Advanced Structured Materials</i> , 2015, , 25-57.	0.0	4
158	A special issue in honor of Prof. David Steigmann. <i>Continuum Mechanics and Thermodynamics</i> , 2015, 28, 1-3.	2.0	1
159	Mathematical study of boundary-value problems within the framework of Steigmann–Ogden model of surface elasticity. <i>Continuum Mechanics and Thermodynamics</i> , 2015, 28, 407-422.	2.0	66
160	On effective properties of materials at the nano- and microscales considering surface effects. <i>Acta Mechanica</i> , 2015, 227, 29-42.	2.4	160
161	Leonid M. Zubov: A life devoted to nonlinear mechanics. <i>International Journal of Engineering Science</i> , 2014, 80, 1-3.	5.5	2
162	A layer-wise theory for laminated glass and photovoltaic panels. <i>Composite Structures</i> , 2014, 112, 283-291.	6.4	107

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163	Modeling of packaging behavior in closed-cell aluminum foam. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 241-242.	0.5	0
164	On free oscillations of an elastic solids with ordered arrays of nano-sized objects. Continuum Mechanics and Thermodynamics, 2014, 27, 583-607.	2.0	19
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