

Paolo Bisegna

List of Publications by Year in descending order

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143
papers

2,591
citations

186265

28
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276875

41
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152
all docs

152
docs citations

152
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell microfluidic impedance cytometry: from raw signals to cell phenotypes using data analytics. <i>Lab on A Chip</i> , 2021, 21, 22-54.	6.0	109
2	An Exact Three-Dimensional Solution for Simply Supported Rectangular Piezoelectric Plates. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1996, 63, 628-638.	2.2	97
3	Variational bounds for the overall properties of piezoelectric composites. <i>Journal of the Mechanics and Physics of Solids</i> , 1996, 44, 583-602.	4.8	73
4	An impedance-based flow microcytometer for single cell morphology discrimination. <i>Lab on A Chip</i> , 2014, 14, 2548.	6.0	68
5	High accuracy particle analysis using sheathless microfluidic impedance cytometry. <i>Lab on A Chip</i> , 2016, 16, 2467-2473.	6.0	67
6	Coplanar electrode microfluidic chip enabling accurate sheathless impedance cytometry. <i>Lab on A Chip</i> , 2017, 17, 1158-1166.	6.0	65
7	The unilateral frictionless contact of a piezoelectric body with a rigid support. <i>Mathematical and Computer Modelling</i> , 1998, 28, 19-28.	2.0	64
8	A neural network approach for real-time particle/cell characterization in microfluidic impedance cytometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3835-3845.	3.7	62
9	Frequency split and vibration localization in imperfect rings. <i>Journal of Sound and Vibration</i> , 2007, 306, 691-711.	3.9	59
10	High-throughput label-free characterization of viable, necrotic and apoptotic human lymphoma cells in a coplanar-electrode microfluidic impedance chip. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111887.	10.1	51
11	Mitigating positional dependence in coplanar electrode Coulter-type microfluidic devices. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 580-586.	7.8	50
12	A novel wiring scheme for standard chips enabling high-accuracy impedance cytometry. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 580-589.	7.8	48
13	Diffusion of the Second Messengers in the Cytoplasm Acts as a Variability Suppressor of the Single Photon Response in Vertebrate Phototransduction. <i>Biophysical Journal</i> , 2008, 94, 3363-3383.	0.5	47
14	On methods for bounding the overall properties of periodic piezoelectric fibrous composites. <i>Journal of the Mechanics and Physics of Solids</i> , 1997, 45, 1329-1356.	4.8	43
15	Closed-form formulas for the optimal pole-based design of tuned mass dampers. <i>Journal of Sound and Vibration</i> , 2012, 331, 2291-2314.	3.9	43
16	EVOLUTION AND MEMORY EFFECTS IN THE HOMOGENIZATION LIMIT FOR ELECTRICAL CONDUCTION IN BIOLOGICAL TISSUES. <i>Mathematical Models and Methods in Applied Sciences</i> , 2004, 14, 1261-1295.	3.3	39
17	Optimized electric networks for vibration damping of piezoactuated beams. <i>Journal of Sound and Vibration</i> , 2006, 289, 908-937.	3.9	39
18	Bounds on the overall properties of composites with debonded frictionless interfaces. <i>Mechanics of Materials</i> , 1998, 28, 23-32.	3.2	38

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19	Evaluation of higher-order theories of piezoelectric plates in bending and in stretching. <i>International Journal of Solids and Structures</i> , 2001, 38, 8805-8830.	2.7	37
20	Mathematical Model of the Spatio-Temporal Dynamics of Second Messengers in Visual Transduction. <i>Biophysical Journal</i> , 2003, 85, 1358-1376.	0.5	36
21	On a hierarchy of models for electrical conduction in biological tissues. <i>Mathematical Methods in the Applied Sciences</i> , 2006, 29, 767-787.	2.3	36
22	A Consistent Theory of Thin Piezoelectric Plates. <i>Journal of Intelligent Material Systems and Structures</i> , 1996, 7, 372-389.	2.5	34
23	EIT-Inspired Microfluidic Cytometer for Single-Cell Dielectric Spectroscopy. <i>Journal of Microelectromechanical Systems</i> , 2010, 19, 1029-1040.	2.5	33
24	Deciphering impedance cytometry signals with neural networks. <i>Lab on A Chip</i> , 2022, 22, 1714-1722.	6.0	32
25	Identification of key factors that reduce the variability of the single photon response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7804-7807.	7.1	31
26	High-throughput electrical position detection of single flowing particles/cells with non-spherical shape. <i>Lab on A Chip</i> , 2019, 19, 1818-1827.	6.0	31
27	Thrust line analysis revisited and applied to optimization of masonry arches. <i>International Journal of Mechanical Sciences</i> , 2020, 179, 105690.	6.7	29
28	Modeling the Role of Incisures in Vertebrate Phototransduction. <i>Biophysical Journal</i> , 2006, 91, 1192-1212.	0.5	28
29	A Simple and Robust Event-Detection Algorithm for Single-Cell Impedance Cytometry. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 415-422.	4.2	27
30	Dynamics of mouse rod phototransduction and its sensitivity to variation of key parameters. <i>IET Systems Biology</i> , 2010, 4, 12-32.	1.5	26
31	Mindlin-Type Finite Elements for Piezoelectric Sandwich Plates. <i>Journal of Intelligent Material Systems and Structures</i> , 2000, 11, 14-25.	2.5	24
32	Polar decomposition based corotational framework for triangular shell elements with distributed loads. <i>International Journal for Numerical Methods in Engineering</i> , 2013, 95, 499-528.	2.8	24
33	Kinetics of Rhodopsin Deactivation and Its Role in Regulating Recovery and Reproducibility of Rod Photoresponse. <i>PLoS Computational Biology</i> , 2010, 6, e1001031.	3.2	23
34	Advanced composites based on relaxor-ferroelectric single crystals: from electromechanical coupling to energy-harvesting applications. <i>CrystEngComm</i> , 2016, 18, 5986-6001.	2.6	23
35	A unifying computational approach for the lower-bound limit analysis of systems of masonry arches and buttresses. <i>Engineering Structures</i> , 2020, 221, 110999.	5.3	23
36	Finite element approximation of piezoelectric plates. <i>International Journal for Numerical Methods in Engineering</i> , 2001, 50, 1469-1499.	2.8	22

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37	Orientation Effects in $1\hat{\text{A}}^3$ Composites Based on $0.93\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ 0.07PbTiO_3 Single Crystals. <i>Ferroelectrics</i> , 2008, 376, 140-152.	0.6	22
38	Analysis of the Piezoelectric Performance of Modern $0\hat{\text{A}}^3$ -Type Composites Based on Relaxor-Ferroelectric Single Crystals. <i>Ferroelectrics</i> , 2011, 413, 176-191.	0.6	22
39	Electrical measurement of cross-sectional position of particles flowing through a microchannel. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	22
40	A mixed finite element for the nonlinear analysis of in-plane loaded masonry walls. <i>International Journal for Numerical Methods in Engineering</i> , 2019, 120, 1227-1248.	2.8	22
41	A potential theory for monotone multivalued operators. <i>Quarterly of Applied Mathematics</i> , 1993, 51, 613-631.	0.7	21
42	The Saint-Venant Problem for Monoclinic Piezoelectric Cylinders. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 1998, 78, 147-165.	1.6	21
43	A layer-wise Reissner-Mindlin-type model for the vibration analysis and suppression of piezoactuated plates. <i>Computers and Structures</i> , 2001, 79, 2309-2319.	4.4	21
44	A Rational Deduction of Plate Theories from the Three-Dimensional Linear Elasticity. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 1997, 77, 349-366.	1.6	20
45	Modeling, Simulation, and Performance Evaluation of a Novel Microfluidic Impedance Cytometer for Morphology-Based Cell Discrimination. <i>Journal of Microelectromechanical Systems</i> , 2014, 23, 785-794.	2.5	20
46	A variational-based fixed-point algorithm for the limit analysis of dry-masonry block structures with non-associative Coulomb friction. <i>International Journal of Mechanical Sciences</i> , 2019, 161-162, 105078.	6.7	20
47	A Bayesian Approach for Coincidence Resolution in Microfluidic Impedance Cytometry. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 340-349.	4.2	20
48	A finite difference method for the static limit analysis of masonry domes under seismic loads. <i>Meccanica</i> , 2022, 57, 121-141.	2.0	20
49	Estimation of the time since death: Sudden increase of ambient temperature. <i>Forensic Science International</i> , 2008, 176, 196-199.	2.2	19
50	Piezo-Active Composites. <i>Springer Series in Materials Science</i> , 2018, , .	0.6	19
51	A new computational framework for the minimum thrust analysis of axisymmetric masonry domes. <i>Engineering Structures</i> , 2021, 234, 111962.	5.3	19
52	A novel high-performance mixed membrane finite element for the analysis of inelastic structures. <i>Computers and Structures</i> , 2017, 182, 337-353.	4.4	18
53	Simulation and performance analysis of a novel high-accuracy sheathless microfluidic impedance cytometer with coplanar electrode layout. <i>Medical Engineering and Physics</i> , 2017, 48, 81-89.	1.7	18
54	Electro-Optical Classification of Pollen Grains via Microfluidics and Machine Learning. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 921-931.	4.2	18

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55	Homogenization and concentrated capacity for the heat equation with non-linear variational data in reticular almost disconnected structures and applications to visual transduction. <i>Annali Di Matematica Pura Ed Applicata</i> , 2003, 182, 375-407.	1.0	17
56	A new SMA shell element based on the corotational formulation. <i>Computational Mechanics</i> , 2014, 54, 1315-1329.	4.0	17
57	A Layer-Wise Laminate Theory Rationally Deduced From the Three-Dimensional Elasticity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1997, 64, 538-545.	2.2	16
58	A simple formula for the effective complex conductivity of periodic fibrous composites with interfacial impedance and applications to biological tissues. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 115506.	2.8	16
59	Anisotropic piezoelectric properties of 1D ceramic / polymer composites comprising rods with elliptic cross section. <i>Journal of Electroceramics</i> , 2010, 25, 26-37.	2.0	16
60	Effective longitudinal shear moduli of periodic fibre-reinforced composites with radially-graded fibres. <i>International Journal of Solids and Structures</i> , 2010, 47, 383-397.	2.7	16
61	New aspect-ratio effect in three-component composites for piezoelectric sensor, hydrophone and energy-harvesting applications. <i>Sensors and Actuators A: Physical</i> , 2015, 229, 94-103.	4.1	16
62	A mixed tetrahedral element with nodal rotations for large-displacement analysis of inelastic structures. <i>International Journal for Numerical Methods in Engineering</i> , 2016, 108, 722-749.	2.8	16
63	New orientation effect in piezo-active 1D-type composites. <i>Materials Chemistry and Physics</i> , 2015, 151, 187-195.	4.0	15
64	Homogenization limit for electrical conduction in biological tissues in the radio-frequency range. <i>Comptes Rendus - Mecanique</i> , 2003, 331, 503-508.	2.1	14
65	Existence and uniqueness for an elliptic problem with evolution arising in electrodynamics. <i>Nonlinear Analysis: Real World Applications</i> , 2005, 6, 367-380.	1.7	14
66	State update algorithm for isotropic elastoplasticity by incremental energy minimization. <i>International Journal for Numerical Methods in Engineering</i> , 2016, 105, 163-196.	2.8	14
67	Minimum thrust and minimum thickness of spherical masonry domes: A semi-analytical approach. <i>European Journal of Mechanics, A/Solids</i> , 2021, 87, 104222.	3.7	14
68	Homogenization limit and asymptotic decay for electrical conduction in biological tissues in the high radiofrequency range. <i>Communications on Pure and Applied Analysis</i> , 2010, 9, 1131-1160.	0.8	14
69	An incremental energy minimization state update algorithm for 3D phenomenological internal variable SMA constitutive models based on isotropic flow potentials. <i>International Journal for Numerical Methods in Engineering</i> , 2016, 105, 197-220.	2.8	13
70	Blow-up of solutions of a nonlinear parabolic equation in damage mechanics. <i>European Journal of Applied Mathematics</i> , 1997, 8, 89-123.	2.9	12
71	D-PANA: a convergent block-relaxation solution method for the discretized dual formulation of the Signorini-Coulomb contact problem. <i>Comptes Rendus Mathematique</i> , 2001, 333, 1053-1058.	0.5	12
72	Exponential asymptotic stability for an elliptic equation with memory arising in electrical conduction in biological tissues. <i>European Journal of Applied Mathematics</i> , 2009, 20, 431-459.	2.9	12

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73	Mechanical modeling of bend sensors exploited to measure human joint movements. , 2009, , .		12
74	Numerical Investigation of a Novel Wiring Scheme Enabling Simple and Accurate Impedance Cytometry. Micromachines, 2017, 8, 283.	2.9	12
75	Features of electromechanical properties of $\text{1}\mu\text{m}^3$ composites based on PbTiO_3 -type ceramics. Journal Physics D: Applied Physics, 2008, 41, 035406.	2.8	11
76	Stability and memory effects in a homogenized model governing the electrical conduction in biological tissues. Journal of Mechanics of Materials and Structures, 2009, 4, 211-223.	0.6	11
77	Dynamical behavior of disordered rotationally periodic structures: A homogenization approach. Journal of Sound and Vibration, 2011, 330, 2608-2627.	3.9	11
78	A corotational flat triangular element for large strain analysis of thin shells with application to soft biological tissues. Computational Mechanics, 2014, 54, 847-864.	4.0	11
79	Collapse capacity of masonry domes under horizontal loads: A static limit analysis approach. International Journal of Mechanical Sciences, 2021, 212, 106827.	6.7	11
80	An elliptic equation with history. Comptes Rendus Mathematique, 2004, 338, 595-598.	0.3	10
81	Effective longitudinal shear moduli of periodic fibre-reinforced composites with functionally-graded fibre coatings. International Journal of Solids and Structures, 2013, 50, 1154-1163.	2.7	10
82	Features of the Piezoelectric Effect in a Novel PZT-Type Ceramic/Clay Composite. Ferroelectrics, Letters Section, 2014, 41, 82-88.	1.0	10
83	Coupled optimization of tuned-mass energy harvesters accounting for host structure dynamics. Journal of Intelligent Material Systems and Structures, 2014, 25, 1553-1565.	2.5	10
84	A simple electrical approach to monitor dielectrophoretic focusing of particles flowing in a microchannel. Electrophoresis, 2019, 40, 1400-1407.	2.4	10
85	Square Cross Vaults on Spreading Supports. RILEM Bookseries, 2019, , 1045-1053.	0.4	10
86	Electromechanical coupling and its anisotropy in a novel $\text{1}\mu\text{m}^3$ composite based on single-domain $0.58\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.42\text{PbTiO}_3$ crystal. Composites Science and Technology, 2011, 71, 1082-1088.	7.8	9
87	Effect of the matrix subsystem on hydrostatic parameters of a novel $\text{1}\mu\text{m}^3$ -type piezo-composite. Functional Materials Letters, 2015, 08, 1550049.	1.2	9
88	Effective computational modeling of erythrocyte electro-deformation. Meccanica, 2017, 52, 613-631.	2.0	8
89	A corotational triangular facet shell element for geometrically nonlinear analysis of thin piezoactuated structures. Composite Structures, 2017, 172, 267-281.	5.8	8
90	An isogeometric analysis formulation for red blood cell electro-deformation modeling. Computer Methods in Applied Mechanics and Engineering, 2018, 338, 392-411.	6.6	8

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91	Novel lead-free composites with two porosity levels: large piezoelectric anisotropy and high sensitivity. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 395303.	2.8	8
92	<title>Semi-active control of a thin piezoactuated structure</title>. , 2000, , .		7
93	Relaxation procedures for solving Signoriniâ€™Coulomb contact problems. <i>Advances in Engineering Software</i> , 2004, 35, 595-600.	3.8	7
94	Homogenization and concentration of capacity in the rod outer segment with incisures. <i>Applicable Analysis</i> , 2006, 85, 303-331.	1.3	7
95	Optimization of a passive vibration control scheme acting on a bladed rotor using an homogenized model. <i>Structural and Multidisciplinary Optimization</i> , 2009, 39, 625-636.	3.5	7
96	State update algorithm for associative elastic-plastic pressure-insensitive materials by incremental energy minimization. <i>Frattura Ed Integrita Strutturale</i> , 2014, 8, 111-127.	0.9	7
97	Homogenization and concentrated capacity in reticular almost disconnected structures. <i>Comptes Rendus Mathematique</i> , 2002, 335, 329-332.	0.3	6
98	Biomechanics in â€™Sino-Italian Jointâ€™. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2021, 37, 169-172.	3.4	6
99	The compressive response of additively-manufactured hollow truss lattices: an experimental investigation. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 3529-3541.	3.0	6
100	The Saint-Venant problem for general anisotropic piezoelectric cylinders with applications to smart metamaterials design. <i>Applied Mathematical Modelling</i> , 2021, 93, 831-851.	4.2	5
101	Frictional Behaviour of Masonry Interfaces: Experimental Investigation on Two Dry-Jointed Tuff Blocks. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 2032-2047.	0.4	5
102	Fabrication and experimental characterisation of a bistable tensegrity-like unit for lattice metamaterials. <i>Additive Manufacturing</i> , 2022, 57, 102946.	3.0	5
103	Mohr's arbelos. <i>Meccanica</i> , 1995, 30, 417-424.	2.0	4
104	Bounds on the off-diagonal coefficients of the homogenized constitutive tensor of a composite material. <i>Mechanics Research Communications</i> , 1996, 23, 239-245.	1.8	4
105	On the Choice of the Shunt Circuit for Single-mode Vibration Damping of Piezoactuated Structures. , 2005, , 389-400.		4
106	Electromechanical Coupling Factors of Novel Oâ€™3â€™O Composites Based on PMNâ€™xPT Single Crystals. <i>Ferroelectrics</i> , 2011, 422, 40-43.	0.6	4
107	A Continuous Model for the Dynamical Analysis of Mistuned Bladed Rotors. <i>International Journal of Rotating Machinery</i> , 2012, 2012, 1-10.	0.8	4
108	<title>On the use of negative capacitances for vibration damping of piezoactuated structures</title>. , 2005, , .		3

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109	Interrelations Between Microstructure and Piezoelectric Sensitivity in Novel $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Composites Based on $0.67\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Single Crystal. <i>Ferroelectrics</i> , 2011, 413, 11-28.	0.6	3
110	Squared figures of merit and electromechanical coupling factors of a novel lead-free $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ composite for sensor and energy-harvesting applications. <i>Sensors and Actuators A: Physical</i> , 2021, 318, 112473.	4.1	3
111	Refined Models for Vibration Analysis and Control of Thick Piezoelectric Laminates. , 0, , .		3
112	On the Fiber-Governed Bimodular Constitutive Models. , 1995, , 113-128.		3
113	Some Mathematical Problems in Visual Transduction. <i>Progress in Nonlinear Differential Equations and Their Application</i> , 2005, , 65-80.	0.9	2
114	Anisotropy Factors and Hydrostatic Parameters of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ -Type Piezo-Active Composites with Auxetic Polymer Matrices. <i>Ferroelectrics</i> , 2012, 432, 92-102.	0.6	2
115	Mixed Tetrahedral Elements for the Analysis of Structures with Material and Geometric Nonlinearities. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2015, 15, 219-220.	0.2	2
116	MODELING AND DESIGN OF PERIODIC LATTICES WITH TENSEGRITY ARCHITECTURE AND HIGHLY NONLINEAR RESPONSE. , 2021, , .		2
117	Limit Analysis of Dry Masonry Block Structures with Non-associative Coulomb Friction: A Novel Computational Approach. <i>Lecture Notes in Applied and Computational Mechanics</i> , 2021, , 83-96.	2.2	2
118	New Effects in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ -Type Composites Based on Relaxor-Ferroelectrics Single Crystals. <i>Springer Proceedings in Physics</i> , 2016, , 179-195.	0.2	2
119	Mindlin-Type Finite Elements for Piezoelectric Sandwich Plates. <i>Journal of Intelligent Material Systems and Structures</i> , 2000, 11, 14-25.	2.5	2
120	Corotational flat triangular elements for the nonlinear analysis of thin shell structures. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2015, 15, 177-178.	0.2	1
121	Special issue on Advances in biomechanics: from foundations to applications. <i>Meccanica</i> , 2017, 52, 487-488.	2.0	1
122	Length measurement and spatial orientation reconstruction of single nanowires. <i>Nanotechnology</i> , 2018, 29, 375704.	2.6	1
123	Limit analysis of dry masonry block assemblages with non-associative frictional joints. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
124	A Mixed Membrane Finite Element for Masonry Structures. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 1167-1178.	0.4	1
125	Orientation Effects and Anisotropy of Properties in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ and Related Composites. <i>Springer Series in Materials Science</i> , 2014, , 43-88.	0.6	1
126	Hill's type a-priori relations among the elastic constants of a fiber-reinforced composite material. <i>Mechanics Research Communications</i> , 1993, 20, 447-457.	1.8	0

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127	Consistent Hashin-Shtrikman Bounds on the Effective Properties of Periodic Composite Materials. Journal of Applied Mechanics, Transactions ASME, 1999, 66, 858-866.	2.2	0
128	Delamination of active layers in piezoelectric laminates. Solid Mechanics and Its Applications, 1999, , 137-150.	0.2	0
129	Analysis of the vibration localization phenomenon in rotationally periodic structures using a homogenized model. , 2007, , .		0
130	Applications of homogenization techniques to the electrical conduction in biological tissues. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 2010013-2010014.	0.2	0
131	Forced Damping Vibration of a Cantilever Beam. , 2008, , .		0
132	Mathematical aspects of Variability and Variability Suppression of the Single Photon Response in Vertebrate Phototransduction. Biophysical Journal, 2009, 96, 200a.	0.5	0
133	The Piezoelectric Medium and Its Electromechanical Properties. Springer Series in Materials Science, 2014, , 1-23.	0.6	0
134	Polarization Fields in the Variational Analysis of the Linear Piezoelectric Problem. Nonconvex Optimization and Its Applications, 2001, , 161-175.	0.1	0
135	Orientation Effects in Single-Domain Single Crystals. Springer Series in Materials Science, 2014, , 25-42.	0.6	0
136	Orientation Effects and Anisotropy of Properties in 0â€³ Composites. Springer Series in Materials Science, 2014, , 127-153.	0.6	0
137	Improving Piezoelectric Sensitivity. Springer Series in Materials Science, 2018, , 163-169.	0.6	0
138	Microgeometry of Composites and Their Piezoelectric Coefficients \vec{g}_{ij}^* . Springer Series in Materials Science, 2018, , 99-133.	0.6	0
139	Piezoelectric Coefficients \vec{h}_{ij}^* : New Opportunities to Improve Sensitivity. Springer Series in Materials Science, 2018, , 153-161.	0.6	0
140	Effective Piezoelectric Coefficients d_{ij}^* : From Microgeometry to Anisotropy. Springer Series in Materials Science, 2018, , 35-97.	0.6	0
141	The Piezoelectric Medium and Piezoelectric Sensitivity. Springer Series in Materials Science, 2018, , 1-34.	0.6	0
142	Piezoelectric Coefficients e_{ij}^* and d_{ij}^* : Combination of Properties at Specific Microgeometry. Springer Series in Materials Science, 2018, , 135-152.	0.6	0
143	Relaxation and Block-Relaxation Procedures for the Dual Formulation of the Signorini-Coulomb Frictional Contact. , 0, , .		0