Jizhou Song

List of Publications by Year
in descending order

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157	14,078	57758	19749
papers	citations	44 h-index	117 g-index

166	166	166	13552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stretchable and Foldable Silicon Integrated Circuits. Science, 2008, 320, 507-511.	12.6	1,474
2	A hemispherical electronic eye camera based on compressible silicon optoelectronics. Nature, 2008, 454, 748-753.	27.8	1,211
3	Injectable, Cellular-Scale Optoelectronics with Applications for Wireless Optogenetics. Science, 2013, 340, 211-216.	12.6	1,010
4	Ultrathin conformal devices for precise and continuous thermal characterization of humanÂskin. Nature Materials, 2013, 12, 938-944.	27.5	1,002
5	Materials for multifunctional balloon catheters with capabilities in cardiac electrophysiological mapping and ablation therapy. Nature Materials, 2011, 10, 316-323.	27.5	670
6	Finite deformation mechanics in buckled thin films on compliant supports. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15607-15612.	7.1	626
7	Materials and noncoplanar mesh designs for integrated circuits with linear elastic responses to extreme mechanical deformations. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18675-18680.	7.1	625
8	Stretchable, Curvilinear Electronics Based on Inorganic Materials. Advanced Materials, 2010, 22, 2108-2124.	21.0	525
9	Ultrathin Silicon Circuits With Strainâ€Isolation Layers and Mesh Layouts for Highâ€Performance Electronics on Fabric, Vinyl, Leather, and Paper. Advanced Materials, 2009, 21, 3703-3707.	21.0	375
10	Programming a crystalline shape memory polymer network with thermo- and photo-reversible bonds toward a single-component soft robot. Science Advances, 2018, 4, eaao3865.	10.3	360
11	Biaxially Stretchable â€œWavyâ€•Silicon Nanomembranes. Nano Letters, 2007, 7, 1655-1663.	9.1	356
12	Ultrafast Digital Printing toward 4D Shape Changing Materials. Advanced Materials, 2017, 29, 1605390.	21.0	348
13	Soft Ultrathin Electronics Innervated Adaptive Fully Soft Robots. Advanced Materials, 2018, 30, e1706695.	21.0	301
14	Buckling of a stiff thin film on a compliant substrate in large deformation. International Journal of Solids and Structures, 2008, 45, 3107-3121.	2.7	234
15	Unusual strategies for using indium gallium nitride grown on silicon (111) for solid-state lighting. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10072-10077.	7.1	228
16	Transfer printing techniques for flexible and stretchable inorganic electronics. Npj Flexible Electronics, 2018, 2, .	10.7	206
17	Highâ€Efficiency, Microscale GaN Lightâ€Emitting Diodes and Their Thermal Properties on Unusual Substrates. Small, 2012, 8, 1643-1649.	10.0	187
18	Using nanoscale thermocapillary flows to create arrays of purely semiconducting single-walled carbon nanotubes. Nature Nanotechnology, 2013, 8, 347-355.	31.5	167

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19	Optimized Structural Designs for Stretchable Silicon Integrated Circuits. Small, 2009, 5, 2841-2847.	10.0	153
20	Mechanics of noncoplanar mesh design for stretchable electronic circuits. Journal of Applied Physics, 2009, 105, .	2.5	143
21	An analytical study of two-dimensional buckling of thin films on compliant substrates. Journal of Applied Physics, 2008, 103, .	2.5	133
22	Postbuckling analysis and its application to stretchable electronics. Journal of the Mechanics and Physics of Solids, 2012, 60, 487-508.	4.8	119
23	Mechanics and thermal management of stretchable inorganic electronics. National Science Review, 2016, 3, 128-143.	9.5	112
24	Mechanics of stretchable inorganic electronic materials. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2009, 27, 1107-1125.	2.1	105
25	Rapidly tunable and highly reversible bio-inspired dry adhesion for transfer printing in air and a vacuum. Soft Matter, 2019, 15, 30-37.	2.7	101
26	Micromechanics and Advanced Designs for Curved Photodetector Arrays in Hemispherical Electronicâ€Eye Cameras. Small, 2010, 6, 851-856.	10.0	94
27	Flexible and Stretchable 3ï‰ Sensors for Thermal Characterization of Human Skin. Advanced Functional Materials, 2017, 27, 1701282.	14.9	90
28	Experimental demonstration of a dissipative multi-resonator metamaterial for broadband elastic wave attenuation. Journal of Sound and Vibration, 2019, 438, 1-12.	3.9	90
29	Universal SMP gripper with massive and selective capabilities for multiscaled, arbitrarily shaped objects. Science Advances, 2020, 6, eaay5120.	10.3	90
30	Programmable and scalable transfer printing with high reliability and efficiency for flexible inorganic electronics. Science Advances, 2020, 6, eabb2393.	10.3	88
31	Can a single-wall carbon nanotube be modeled as a thin shell?. Journal of the Mechanics and Physics of Solids, 2008, 56, 2213-2224.	4.8	87
32	Mechanics of stretchable electronics. Current Opinion in Solid State and Materials Science, 2015, 19, 160-170.	11.5	87
33	An analytical mechanics model for the island-bridge structure of stretchable electronics. Soft Matter, 2013, 9, 8476.	2.7	82
34	Laser-driven programmable non-contact transfer printing of objects onto arbitrary receivers via an active elastomeric microstructured stamp. National Science Review, 2020, 7, 296-304.	9.5	81
35	Mechanics of curvilinear electronics. Soft Matter, 2010, 6, 5757.	2.7	74
36	Local versus global buckling of thin films on elastomeric substrates. Applied Physics Letters, 2008, 93, .	3.3	73

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37	Soft Elastomers with Programmable Stiffness as Strain-Isolating Substrates for Stretchable Electronics. ACS Applied Materials & Interfaces, 2019, 11, 14340-14346.	8.0	72
38	A cohesive law for interfaces between multi-wall carbon nanotubes and polymers due to the van der Waals interactions. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 3261-3267.	6.6	70
39	Elastic Energy Storage Enabled Magnetically Actuated, Octopusâ€Inspired Smart Adhesive. Advanced Functional Materials, 2021, 31, 2009217.	14.9	68
40	Thermo-mechanical modeling of laser-driven non-contact transfer printing: two-dimensional analysis. Soft Matter, 2012, 8, 7122.	2.7	64
41	Functional Soft Composites As Thermal Protecting Substrates for Wearable Electronics. Advanced Functional Materials, 2019, 29, 1905470.	14.9	63
42	Lightâ€Coded Digital Crystallinity Patterns Toward Bioinspired 4D Transformation of Shapeâ€Memory Polymers. Advanced Functional Materials, 2020, 30, 2000522.	14.9	55
43	A multifunctional electronic skin based on patterned metal films for tactile sensing with a broad linear response range. Science Advances, 2021, 7, eabl8313.	10.3	55
44	Surface effects on the postbuckling of nanowires. Journal Physics D: Applied Physics, 2011, 44, 425304.	2.8	47
45	Microwave purification of large-area horizontally aligned arrays of single-walled carbon nanotubes. Nature Communications, 2014, 5, 5332.	12.8	43
46	POSTBUCKLING OF PIEZOELECTRIC NANOBEAMS WITH SURFACE EFFECTS. International Journal of Applied Mechanics, 2012, 04, 1250018.	2.2	41
47	Rapid digital light 3D printing enabled by a soft and deformable hydrogel separation interface. Nature Communications, 2021, 12, 6070.	12.8	41
48	Deformation and bifurcation analysis of boron-nitride nanotubes. International Journal of Mechanical Sciences, 2006, 48, 1197-1207.	6.7	40
49	Thermal Tuning of Band Structures in a One-Dimensional Phononic Crystal. Journal of Applied Mechanics, Transactions ASME, 2014, 81, .	2.2	40
50	Complementary metal oxide silicon integrated circuits incorporating monolithically integrated stretchable wavy interconnects. Applied Physics Letters, 2008, 93, 044102.	3.3	39
51	Laser-Induced Nanoscale Thermocapillary Flow for Purification of Aligned Arrays of Single-Walled Carbon Nanotubes. ACS Nano, 2014, 8, 12641-12649.	14.6	39
52	Axisymmetric thermo-mechanical analysis of laser-driven non-contact transfer printing. International Journal of Fracture, 2012, 176, 189-194.	2.2	37
53	The effect of indenter angle on the microindentation hardness. Acta Materialia, 2007, 55, 6127-6132.	7.9	36
54	Surface effects on the wrinkling of piezoelectric films on compliant substrates. Journal of Applied Physics, 2011, 110, .	2.5	35

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55	High Fidelity Tape Transfer Printing Based On Chemically Induced Adhesive Strength Modulation. Scientific Reports, 2015, 5, 16133.	3.3	34
56	Continuum modeling of boron nitride nanotubes. Nanotechnology, 2008, 19, 445705.	2.6	33
57	Thermal tuning of the interfacial adhesive layer on the band gaps in a one-dimensional phononic crystal. Composite Structures, 2017, 172, 311-318.	5.8	33
58	Fatigue Life Prediction of Serpentine Interconnects on Soft Elastomers for Stretchable Electronics. Journal of Applied Mechanics, Transactions ASME, 2020, 87, .	2.2	33
59	Thermal Controlled Tunable Adhesive for Deterministic Assembly by Transfer Printing. Advanced Functional Materials, 2021, 31, 2010297.	14.9	32
60	Edge effects in buckled thin films on elastomeric substrates. Applied Physics Letters, 2007, 91, 133113.	3.3	31
61	A Removable Insertion Shuttle for Ultraflexible Neural Probe Implantation with Stable Chronic Brain Electrophysiological Recording. Advanced Materials Interfaces, 2020, 7, 1901775.	3.7	31
62	Stretchable, Multifunctional Epidermal Sensor Patch for Surface Electromyography and Strain Measurements. Advanced Intelligent Systems, 2021, 3, 2100031.	6.1	30
63	A Biomimetic Drosera Capensis with Adaptive Decisionâ€Predation Behavior Based on Multifunctional Sensing and Fast Actuating Capability. Advanced Functional Materials, 2022, 32, 2110296.	14.9	30
64	Stoneâ€“Wales transformation: Precursor of fracture in carbon nanotubes. International Journal of Mechanical Sciences, 2006, 48, 1464-1470.	6.7	29
65	A thermal analysis of the operation of microscale, inorganic light-emitting diodes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 3215-3223.	2.1	29
66	Effect of Confining Pressure on Stress Intensity Factors for Cracked Brazilian Disk. International Journal of Applied Mechanics, 2015, 07, 1550051.	2.2	28
67	Thermomechanical Analysis of Epidermal Electronic Devices Integrated With Human Skin. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	2.2	28
68	Stoneâ€“Wales transformation in boron nitride nanotubes. Scripta Materialia, 2007, 57, 571-574.	5.2	27
69	A Simply Analytic Study of Buckled Thin Films on Compliant Substrates. Journal of Applied Mechanics, Transactions ASME, 2014, 81, .	2.2	27
70	Surface wrinkling of an elastic graded layer. Soft Matter, 2018, 14, 8717-8723.	2.7	27
71	Biaxially Stretchable Ultrathin Si Enabled by Serpentine Structures on Prestrained Elastomers. Advanced Materials Technologies, 2019, 4, 1800489.	5.8	27
72	Experimental and Theoretical Study on Mechanical Properties of Porous PDMS. Journal of Applied Mechanics, Transactions ASME, 2018, 85, .	2.2	26

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73	Buckling of a stiff thin film on a bi-layer compliant substrate of finite thickness. International Journal of Solids and Structures, 2020, 188-189, 133-140.	2.7	26
74	Skin pain sensation of epidermal electronic device/skin system considering non-Fourier heat conduction. Journal of the Mechanics and Physics of Solids, 2020, 138, 103927.	4.8	26
75	An Accurate Thermomechanical Model for Laser-Driven Microtransfer Printing. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	2.2	25
76	Three-dimensional thermal analysis of rectangular micro-scale inorganic light-emitting diodes integrated with human skin. International Journal of Thermal Sciences, 2018, 127, 321-328.	4.9	25
77	Thin Metallic Heat Sink for Interfacial Thermal Management in Biointegrated Optoelectronic Devices. Advanced Materials Technologies, 2018, 3, 1800159.	5.8	25
78	Lateral Buckling of Interconnects in a Noncoplanar Mesh Design for Stretchable Electronics. Journal of Applied Mechanics, Transactions ASME, 2013, 80, .	2.2	24
79	Thermal properties of microscale inorganic light-emitting diodes in a pulsed operation. Journal of Applied Physics, 2013, 113, .	2.5	24
80	Quantitative Thermal Imaging of Single-Walled Carbon Nanotube Devices by Scanning Joule Expansion Microscopy. ACS Nano, 2012, 6, 10267-10275.	14.6	23
81	Mechanics of magnet-controlled transfer printing. Extreme Mechanics Letters, 2019, 27, 76-82.	4.1	21
82	Magnetically Driven Nonâ€Contact Transfer Printing Based on a Biâ€Stable Elastomeric Stamp. Advanced Materials Technologies, 2021, 6, 2100335.	5.8	21
83	Stretchability of encapsulated electronics. Applied Physics Letters, 2011, 99, 061911.	3.3	20
84	Surface effects on in-plane buckling of nanowires on elastomeric substrates. Journal Physics D: Applied Physics, 2013, 46, 125309.	2.8	20
85	Thermal analysis of injectable, cellular-scale optoelectronics with pulsed power. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2013, 469, 20130142.	2.1	20
86	One-Dimensional Thermal Analysis of the Flexible Electronic Devices Integrated with Human Skin. Micromachines, 2016, 7, 210.	2.9	20
87	A thermal actuated switchable dry adhesive with high reversibility for transfer printing. International Journal of Extreme Manufacturing, 2021, 3, 035103.	12.7	20
88	Mechanics of hemispherical electronics. Applied Physics Letters, 2009, 95, 181912.	3.3	19
89	Thermal design of rectangular microscale inorganic light-emitting diodes. Applied Thermal Engineering, 2017, 122, 653-660.	6.0	19
90	A simple analytical thermo-mechanical model for liquid crystal elastomer bilayer structures. AIP Advances, 2018, 8, .	1.3	19

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91	Thermal management of epidermal electronic devices/skin system considering insensible sweating. Scientific Reports, 2018, 8, 14121.	3.3	19
92	Switchable dry adhesive based on shape memory polymer with hemispherical indenters for transfer printing. Theoretical and Applied Mechanics Letters, 2021, 11, 100308.	2.8	18
93	3D thermal analysis of rectangular microscale inorganic light-emitting diodes in a pulsed operation. Journal Physics D: Applied Physics, 2016, 49, 405101.	2.8	17
94	Thermal management of micro-scale inorganic light-emittng diodes on an orthotropic substrate for biointegrated applications. Scientific Reports, 2017, 7, 6638.	3.3	17
95	Soft, stretchable thermal protective substrates for wearable electronics. Npj Flexible Electronics, 2022, 6, .	10.7	16
96	A cohesive law for interfaces in graphene/hexagonal boron nitride heterostructure. Journal of Applied Physics, 2014, 115, .	2.5	15
97	Recent advances on thermal analysis of stretchable electronics. Theoretical and Applied Mechanics Letters, 2016, 6, 32-37.	2.8	15
98	Direct current injection and thermocapillary flow for purification of aligned arrays of single-walled carbon nanotubes. Journal of Applied Physics, 2015, 117, .	2.5	14
99	Destructive electronics from electrochemical-mechanically triggered chemical dissolution. Journal of Micromechanics and Microengineering, 2017, 27, 065010.	2.6	14
100	Multiaxial wavy top-emission organic light-emitting diodes on thermally prestrained elastomeric substrates. Organic Electronics, 2017, 48, 314-322.	2.6	14
101	An Experimental Study on Stretchy and Tough PDMS/Fabric Composites. Journal of Applied Mechanics, Transactions ASME, 2019, 86, .	2.2	14
102	Mechanics Strategies for Implantation of Flexible Neural Probes. Journal of Applied Mechanics, Transactions ASME, 2021, 88, .	2.2	14
103	Surface effects on the wrinkles in a stiff thin film bonded to a compliant substrate. Thin Solid Films, 2012, 520, 2077-2079.	1.8	13
104	Mass transfer for Micro-LED display: Transfer printing techniques. Semiconductors and Semimetals, 2021, 106, 253-280.	0.7	13
105	Thermal analysis of ultrathin, compliant sensors for characterization of the human skin. RSC Advances, 2014, 4, 5694.	3.6	12
106	Transient thermo-mechanical analysis for bimorph soft robot based on thermally responsive liquid crystal elastomers. Applied Mathematics and Mechanics (English Edition), 2019, 40, 943-952.	3.6	12
107	Fast Digital Patterning of Surface Topography toward Three-Dimensional Shape-Changing Structures. ACS Applied Materials & Interfaces, 2019, 11, 48412-48418.	8.0	12
108	Herringbone buckling patterns of anisotropic thin films on elastomeric substrates. Applied Physics Letters, 2010, 96, 051913.	3.3	11

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109	Analytical investigations on the thermal properties of microscale inorganic light-emitting diodes on an orthotropic substrate. AIP Advances, 2017, 7, 035208.	1.3	11
110	Bandgap Structures of SH-Wave in a One-Dimensional Phononic Crystal with Viscoelastic Interfaces. International Journal of Applied Mechanics, 2017, 09, 1750102.	2.2	11
111	Three-dimensional thermomechanical analysis of epidermal electronic devices on human skin. International Journal of Solids and Structures, 2019, 167, 48-57.	2.7	11
112	Review on stretchable and flexible inorganic electronics. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 014201.	0.5	11
113	3-D dynamic elasticâ€“plastic FEA for rotating disk indirect barâ€“bar tensile impact apparatus: numerical analysis for the generation of mechanically-filtered incident stress pulses. International Journal of Impact Engineering, 2006, 32, 1313-1338.	5.0	10
114	Thermal analysis of epidermal electronic devices integrated with human skin considering the effects of interfacial thermal resistance. AIP Advances, 2018, 8, .	1.3	10
115	Periodic buckling patterns of graphene/hexagonal boron nitride heterostructure. Nanotechnology, 2014, 25, 445401.	2.6	9
116	Crack-Insensitive Wearable Electronics Enabled Through High-Strength Kevlar Fabrics. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 1230-1236.	2.5	9
117	Indentation size effect: a study via the Mechanism-based Strain-Gradient plasticity theory. International Journal of Surface Science and Engineering, 2007, 1, 156.	0.4	8
118	The intrinsic stiffness of single-wall carbon nanotubes. Mechanics Research Communications, 2008, 35, 2-9.	1.8	8
119	A Finite-Deformation Shell Theory for Carbon Nanotubes Based on the Interatomic Potentialâ€”Part I: Basic Theory. Journal of Applied Mechanics, Transactions ASME, 2008, 75, .	2.2	8
120	A Finite-Deformation Shell Theory for Carbon Nanotubes Based on the Interatomic Potentialâ€”Part II: Instability Analysis. Journal of Applied Mechanics, Transactions ASME, 2008, 75, .	2.2	8
121	Fundamental effects in nanoscale thermocapillary flow. Journal of Applied Physics, 2014, 115, 054315.	2.5	8
122	Modeling of thermocapillary flow to purify single-walled carbon nanotubes. RSC Advances, 2014, 4, 42454-42461.	3.6	8
123	Buckling of thin gel strip under swelling. Theoretical and Applied Mechanics Letters, 2017, 7, 134-137.	2.8	8
124	Buckling of a stiff thin film on an elastic graded compliant substrate. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170410.	2.1	8
125	Three-Dimensional Mechanical Modeling of Magnet-Controlled Transfer Printing. International Journal of Applied Mechanics, 2019, 11, 1950042.	2.2	8
126	Thermal analysis for laser selective removal of metallic single-walled carbon nanotubes. Journal of Applied Physics, 2015, 117, 165102.	2.5	6

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127	Sensors: Flexible and Stretchable 3ï‰ Sensors for Thermal Characterization of Human Skin (Adv. Funct.) Tj ETQq1 1 0.784314 rgBT /Ov	14.9	6
128	Material and structural instabilities of single-wall carbon nanotubes. Acta Mechanica Sinica/Lixue Xuebao, 2008, 24, 285-288.	3.4	5
129	Study of Plastic Shear Localization via the Flow Theory of Mechanism-Based Strain Gradient Plasticity. Journal of Engineering Mechanics - ASCE, 2009, 135, 132-138.	2.9	4
130	INTERFACIAL SHEAR EFFECT ON HERRINGBONE PATTERN OF THIN FILMS ON COMPLIANT SUBSTRATES. International Journal of Applied Mechanics, 2010, 02, 251-264.	2.2	4
131	Purification of Single-Walled Carbon Nanotubes Based on Thermocapillary Flow. Journal of Applied Mechanics, Transactions ASME, 2015, 82, .	2.2	4
132	Wrinkling of silicon nanoribbons on shape memory polymers. Journal Physics D: Applied Physics, 2019, 52, 265101.	2.8	4
133	Nylon Fabric Enabled Tough and Flaw Insensitive Stretchable Electronics. Advanced Materials Technologies, 2019, 4, 1800466.	5.8	4
134	Recent Advances on Thermal Management of Flexible Inorganic Electronics. Micromachines, 2020, 11, 390.	2.9	4
135	Mechanics of active elastomeric surfaces with tunable adhesion for non-contact pick-up and printing. International Journal of Solids and Structures, 2021, 219-220, 166-176.	2.7	4
136	Thermal Analysis on Active Heat Dissipation Design with Embedded Flow Channels for Flexible Electronic Devices. Micromachines, 2021, 12, 1165.	2.9	4
137	Mechanics-Guided Design of Wearable Network Heaters for Bio-Integrated Applications. Journal of Applied Mechanics, Transactions ASME, 2022, 89, .	2.2	4
138	Transient thermomechanical analysis of epidermal electronic devices on human skin. Mechanics of Materials, 2019, 137, 103097.	3.2	3
139	Stretchable electronic skin patch with strain isolation for the simultaneous measurements of surface electromyography and temperature. Flexible and Printed Electronics, 2022, 7, 035002.	2.7	3
140	Collapse of arbitrary-shaped soft microfluidics. International Journal of Solids and Structures, 2022, 252, 111821.	2.7	3
141	Theory for Stretchable Interconnects. , 2012, , 1-29.		2
142	Thermomechanical Modeling of Scanning Joule Expansion Microscopy Imaging of Single-Walled Carbon Nanotube Devices. Journal of Applied Mechanics, Transactions ASME, 2013, 80, .	2.2	2
143	Composite Materials: Functional Soft Composites As Thermal Protecting Substrates for Wearable Electronics (Adv. Funct. Mater. 45/2019). Advanced Functional Materials, 2019, 29, 1970314.	14.9	2
144	Thermal management for purification of aligned arrays of single-walled carbon nanotubes based on thermocapillary flow by pulsed heating. International Journal of Thermal Sciences, 2019, 138, 480-486.	4.9	2

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145	Thermal management for microscale inorganic light-emitting diodes. Scientia Sinica: Physica, Mechanica Et Astronomica, 2016, 46, 044612.	0.4	2
146	Vibration analysis of fluid-conveying nanotubes embedded in an elastic medium considering surface effects. Theoretical and Applied Mechanics Letters, 2012, 2, 031011.	2.8	1
147	Mechanics designs for stretchable inorganic electronics. Chinese Science Bulletin, 2015, 60, 2079-2090.	0.7	1
148	Quantitative Analyses of Collective Cell Motion on the Patterned Surfaces. Journal of Applied Mechanics, Transactions ASME, 2022, 89, .	2.2	1
149	Implantable Thermal Therapeutic Device with Precise Temperature Control Enabled by Foldable Electronics and Heat-Insulating Pads. Research, 2022, 2022, .	5.7	1
150	Stretchable Silicon Electronics and Their Integration with Rubber, Plastic, Paper, Vinyl, Leather and Fabric Substrates. Materials Research Society Symposia Proceedings, 2009, 1196, 1.	0.1	0
151	Numerical Simulation of Stretchable and Foldable Silicon Integrated Circuits. Advanced Materials Research, 0, 74, 197-200.	0.3	0
152	MECHANICS OF THIN FILM AND STRETCHABLE ELECTRONICS. , 2015, , 95-96.		0
153	Report of IUTAM Symposium on Mechanics of Stretchable Electronics. Journal of Applied Mechanics, Transactions ASME, 2016, 83, .	2.2	0
154	Stretchable Electronics: Biaxially Stretchable Ultrathin Si Enabled by Serpentine Structures on Prestrained Elastomers (Adv. Mater. Technol. 1/2019). Advanced Materials Technologies, 2019, 4, 1970003.	5.8	0
155	Stretchable Electronics: Nylon Fabric Enabled Tough and Flaw Insensitive Stretchable Electronics (Adv. Mater. Technol. 4/2019). Advanced Materials Technologies, 2019, 4, 1970024.	5.8	0
156	Insertion Shuttle: A Removable Insertion Shuttle for Ultraflexible Neural Probe Implantation with Stable Chronic Brain Electrophysiological Recording (Adv. Mater. Interfaces 6/2020). Advanced Materials Interfaces, 2020, 7, 2070031.	3.7	0
157	Flexible Neural Electrode Array Based-in vivo bioelectronic nose. , 2022, , .		0