

# Wei Lu

## List of Publications by Year in descending order

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162  
papers

6,894  
citations

87723

38  
h-index

64668

79  
g-index

165  
all docs

165  
docs citations

165  
times ranked

9443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoelectronics from the bottom up. Nature Materials, 2007, 6, 841-850.	13.3	1,419
2	Comprehensive Physical Model of Dynamic Resistive Switching in an Oxide Memristor. ACS Nano, 2014, 8, 2369-2376.	7.3	388
3	Synaptic behaviors and modeling of a metal oxide memristive device. Applied Physics A: Materials Science and Processing, 2011, 102, 857-863.	1.1	355
4	Nanowire Transistor Performance Limits and Applications. IEEE Transactions on Electron Devices, 2008, 55, 2859-2876.	1.6	306
5	A Comprehensive Capacity Fade Model and Analysis for Li-Ion Batteries. Journal of the Electrochemical Society, 2013, 160, A1701-A1710.	1.3	194
6	MoS <sub>2</sub> Memristors Exhibiting Variable Switching Characteristics toward Biorealistic Synaptic Emulation. ACS Nano, 2018, 12, 9240-9252.	7.3	191
7	Resistance switching in polycrystalline BiFeO <sub>3</sub> thin films. Applied Physics Letters, 2010, 97, .	1.5	139
8	Dynamics of nanoscale pattern formation of an epitaxial monolayer. Journal of the Mechanics and Physics of Solids, 2001, 49, 1937-1950.	2.3	117
9	Lithium Plating Mechanism, Detection, and Mitigation in Lithium-Ion Batteries. Progress in Energy and Combustion Science, 2021, 87, 100953.	15.8	117
10	Near-Static Dielectric Polarization of Individual Carbon Nanotubes. Nano Letters, 2007, 7, 2729-2733.	4.5	116
11	A thermal-electrochemical model that gives spatial-dependent growth of solid electrolyte interphase in a Li-ion battery. Journal of Power Sources, 2014, 268, 482-490.	4.0	115
12	Effects of Fluoroethylene Carbonate (FEC) on Anode and Cathode Interfaces at Elevated Temperatures. Journal of the Electrochemical Society, 2015, 162, A1683-A1692.	1.3	115
13	MoS <sub>2</sub> Transistors Fabricated via Plasma-Assisted Nanoprinting of Few-Layer MoS <sub>2</sub> Flakes into Large-Area Arrays. ACS Nano, 2013, 7, 5870-5881.	7.3	114
14	Numerical Simulation of the Effect of the Dissolution of LiMn <sub>2</sub> O <sub>4</sub> Particles on Li-Ion Battery Performance. Electrochemical and Solid-State Letters, 2011, 14, A14.	2.2	106
15	Branched SnO <sub>2</sub> nanowires on metallic nanowire backbones for ethanol sensors application. Applied Physics Letters, 2008, 92, .	1.5	103
16	A Model of Concurrent Lithium Dendrite Growth, SEI Growth, SEI Penetration and Regrowth. Journal of the Electrochemical Society, 2017, 164, A1826-A1833.	1.3	95
17	Integrating Machine Learning with Human Knowledge. IScience, 2020, 23, 101656.	1.9	95
18	Ambipolar inverters using SnO thin-film transistors with balanced electron and hole mobilities. Applied Physics Letters, 2012, 100, .	1.5	90

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19	A Native Stochastic Computing Architecture Enabled by Memristors. IEEE Nanotechnology Magazine, 2014, 13, 283-293.	1.1	85
20	Degradation of the solid electrolyte interphase induced by the deposition of manganese ions. Journal of Power Sources, 2015, 284, 416-427.	4.0	80
21	Machine learning toward advanced energy storage devices and systems. IScience, 2021, 24, 101936.	1.9	79
22	Two-terminal resistive switches (memristors) for memory and logic applications. , 2011, , .		77
23	Application of artificial neural networks in design of lithium-ion batteries. Journal of Power Sources, 2018, 395, 128-136.	4.0	76
24	A battery model that fully couples mechanics and electrochemistry at both particle and electrode levels by incorporation of particle interaction. Journal of Power Sources, 2017, 360, 360-372.	4.0	73
25	Direct measurements of interfacial adhesion in 2D materials and van der Waals heterostructures in ambient air. Nature Communications, 2020, 11, 5607.	5.8	72
26	Highly Ordered Ga Nanodroplets on a GaAs Surface Formed by a Focused Ion Beam. Physical Review Letters, 2008, 100, 076103.	2.9	70
27	Effect of plastic deformation on the evolution of wear and local stress fields in fretting. International Journal of Solids and Structures, 2016, 82, 1-8.	1.3	68
28	Symmetry breaking in self-assembled monolayers on solid surfaces: Anisotropic surface stress. Physical Review B, 2002, 65, .	1.1	62
29	A Scanning Probe Microscopy Based Assay for Single-Walled Carbon Nanotube Metallicity. Nano Letters, 2009, 9, 1668-1672.	4.5	55
30	A consistently coupled multiscale mechanicalâ€“electrochemical battery model with particle interaction and its validation. Journal of the Mechanics and Physics of Solids, 2019, 125, 89-111.	2.3	54
31	Three-dimensional model of electrostatically induced pattern formation in thin polymer films. Physical Review B, 2006, 73, .	1.1	52
32	Debonding at the interface between active particles and PVDF binder in Li-ion batteries. Extreme Mechanics Letters, 2016, 6, 37-44.	2.0	51
33	Uniform Carbon Coating on Silicon Nanoparticles by Dynamic CVD Process for Electrochemical Lithium Storage. Industrial & Engineering Chemistry Research, 2014, 53, 12697-12704.	1.8	49
34	Molecular Dynamics Simulations of the Traction-Separation Response at the Interface between PVDF Binder and Graphite in the Electrode of Li-Ion Batteries. Journal of the Electrochemical Society, 2014, 161, A1218-A1223.	1.3	49
35	Nanoimprint-Assisted Shear Exfoliation (NASE) for Producing Multilayer MoS <sub>2</sub> Structures as Field-Effect Transistor Channel Arrays. ACS Nano, 2015, 9, 8773-8785.	7.3	48
36	Patterning Nanoscale Structures by Surface Chemistry. Nano Letters, 2004, 4, 313-316.	4.5	47

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37	Symmetry breaking in self-assembled monolayers on solid surfaces. II. Anisotropic substrate elasticity. <i>Physical Review B</i> , 2002, 65, .	1.1	43
38	Self-directed online machine learning for topology optimization. <i>Nature Communications</i> , 2022, 13, 388.	5.8	43
39	Abnormal Multiple Charge Memory States in Exfoliated Few-Layer $WSe_2$ Transistors. <i>ACS Nano</i> , 2017, 11, 1091-1102.	7.3	42
40	Neuromorphic Computing Using Memristor Crossbar Networks: A Focus on Bio-Inspired Approaches. <i>IEEE Nanotechnology Magazine</i> , 2018, 12, 6-18.	0.9	42
41	Memristive devices for stochastic computing. , 2014, , .		41
42	Slip and wear at a corner with Coulomb friction and an interfacial strength. <i>Wear</i> , 2015, 338-339, 242-251.	1.5	41
43	The effect of coupled wear and creep during grid-to-rod fretting. <i>Nuclear Engineering and Design</i> , 2017, 318, 163-173.	0.8	38
44	Biophysical significance of the inner mitochondrial membrane structure on the electrochemical potential of mitochondria. <i>Physical Review E</i> , 2013, 88, 062723.	0.8	36
45	Multiparametric Biomechanical and Biochemical Phenotypic Profiling of Single Cancer Cells Using an Elasticity Microcytometer. <i>Small</i> , 2016, 12, 2300-2311.	5.2	36
46	A mesophase transition in a binary monolayer on a solid surface. <i>Acta Materialia</i> , 2002, 50, 2297-2308.	3.8	35
47	Creep flow, diffusion, and electromigration in small scale interconnects. <i>Journal of the Mechanics and Physics of Solids</i> , 2006, 54, 2554-2568.	2.3	34
48	Mechanical Modeling of Particles with Active Core-Shell Structures for Lithium-Ion Battery Electrodes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19022-19030.	1.5	34
49	Engineering nanophase self-assembly with elastic field. <i>Acta Materialia</i> , 2005, 53, 3689-3694.	3.8	33
50	A Comprehensive Experimental and Modeling Study on Dissolution in Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1340-A1354.	1.3	33
51	Self-organized nanostructures in multi-phase epilayers. <i>Nanotechnology</i> , 2004, 15, 667-674.	1.3	31
52	Patterning Multilayers of Molecules via Self-Organization. <i>Physical Review Letters</i> , 2005, 94, 146103.	2.9	31
53	Electronic and Bonding Properties of $LiMn_2O_4$ Spinel with Different Surface Orientations and Doping Elements and Their Effects on Manganese Dissolution. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1359-A1368.	1.3	31
54	Self-Assembly for Semiconductor Industry. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2007, 20, 421-431.	1.4	30

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55	Pattern formation in a polymer thin film induced by an in-plane electric field. <i>Applied Physics Letters</i> , 2004, 85, 1161-1163.	1.5	28
56	Simulation of wear evolution using fictitious eigenstrains. <i>Tribology International</i> , 2015, 82, 191-194.	3.0	28
57	Mechanical-Electrochemical Modeling of Agglomerate Particles in Lithium-Ion Battery Electrodes. <i>Journal of the Electrochemical Society</i> , 2016, 163, A3131-A3139.	1.3	27
58	Pattern recognition with memristor networks. , 2014, , .		25
59	Orientation of core-shell nanoparticles in an electric field. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	24
60	Effects of gap size and excitation frequency on the vibrational behavior and wear rate of fuel rods. <i>Nuclear Engineering and Design</i> , 2016, 308, 261-268.	0.8	23
61	Surface stress concentration factor via Fourier representation and its application for machined surfaces. <i>International Journal of Solids and Structures</i> , 2017, 113-114, 108-117.	1.3	23
62	Preventing Dendrite Growth by a Soft Piezoelectric Material. , 2019, 1, 498-505.		23
63	Latch-up based bidirectional npn selector for bipolar resistance-change memory. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	21
64	Rubbing-Induced Site-Selective Growth of MoS <sub>2</sub> Device Patterns. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43774-43784.	4.0	21
65	Mechanism and effect of thermal degradation on electrolyte ionic diffusivity in Li-ion batteries: A molecular dynamics study. <i>Electrochimica Acta</i> , 2019, 323, 134791.	2.6	21
66	A Local Semi-Implicit Level-Set Method for Interface Motion. <i>Journal of Scientific Computing</i> , 2008, 35, 330-349.	1.1	20
67	A mechanism-based framework for the numerical analysis of creep in zircaloy-4. <i>Journal of Nuclear Materials</i> , 2013, 433, 188-198.	1.3	20
68	A Comprehensive Study of Manganese Deposition and Side Reactions in Li-Ion Battery Electrodes. <i>Journal of the Electrochemical Society</i> , 2017, 164, A2812-A2822.	1.3	20
69	Material structure and chemical bond effect on the electrochemical performance of black phosphorus-graphite composite anodes. <i>Electrochimica Acta</i> , 2019, 309, 264-273.	2.6	20
70	Monolayer Pattern Evolution via Substrate Strain-Mediated Spinodal Decomposition. <i>Physical Review Letters</i> , 2004, 93, 166104.	2.9	19
71	Self-assembly of organic-inorganic nanocomposites with nacre-like hierarchical structures. <i>Soft Matter</i> , 2011, 7, 4828.	1.2	19
72	Physical Model and Machine Learning Enabled Electrolyte Channel Design for Fast Charging. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110519.	1.3	19

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73	Nonlinear DC response in high-density polyethylene/graphite nanosheets composites. <i>Journal of Materials Science</i> , 2006, 41, 1785-1790.	1.7	18
74	Highly ambient-stable few-layer black phosphorene by pulsed laser exfoliation and HEMM. <i>Chemical Communications</i> , 2019, 55, 2601-2604.	2.2	18
75	A Facile 3D Binding Approach for High Si Loading Anodes. <i>Electrochimica Acta</i> , 2016, 212, 141-146.	2.6	17
76	Surface and Thermal Effects on the Pull-In Behavior of Doubly-Clamped Graphene Nanoribbons Under Electrostatic and Casimir Loads. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2013, 80, .	1.1	16
77	Fatigue notch factors prediction of rough specimen by the theory of critical distance. <i>International Journal of Fatigue</i> , 2017, 104, 195-205.	2.8	16
78	Radio-Frequency Operation of Transparent Nanowire Thin-Film Transistors. <i>IEEE Electron Device Letters</i> , 2009, 30, 730-732.	2.2	15
79	Nanoelectronics from the bottom up. , 2009, , 137-146.		15
80	Time-dependency of the threshold voltage in memristive devices. , 2011, , .		15
81	A battery model that enables consideration of realistic anisotropic environment surrounding an active material particle and its application. <i>Journal of Power Sources</i> , 2017, 357, 220-229.	4.0	15
82	Time-dependence of piezo-resistive behavior for polyethylene/foiliated graphite nanocomposites. <i>Polymer International</i> , 2005, 54, 1689.	1.6	14
83	Interface instability and nanostructure patterning. <i>Computational Materials Science</i> , 2006, 38, 418-425.	1.4	14
84	Layer-by-Layer Insight into Electrostatic Charge Distribution of Few-Layer Graphene. <i>Scientific Reports</i> , 2017, 7, 42821.	1.6	14
85	Scaling behavior of nanoimprint and nanoprinting lithography for producing nanostructures of molybdenum disulfide. <i>Microsystems and Nanoengineering</i> , 2017, 3, 17053.	3.4	14
86	Structural degradation of graphite anode induced by dissolved manganese ions in lithium-ion batteries. <i>Journal of Power Sources</i> , 2022, 528, 231223.	4.0	14
87	Dynamic in Situ Characterization of Organic Monolayer Formation via a Novel Substrate-Mediated Mechanism. <i>Langmuir</i> , 2004, 20, 1258-1268.	1.6	13
88	Length-Dependent Dielectric Polarization in Metallic Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2009, 113, 10337-10340.	1.5	12
89	Piezoelectric Mechanism and a Compliant Film to Effectively Suppress Dendrite Growth. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 51448-51458.	4.0	12
90	A Framework for Optimization on Battery Cycle Life. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3380-A3388.	1.3	11

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91	Cracking of Cr-coated accident-tolerant fuel during normal operation and under power-ramping conditions. Nuclear Engineering and Design, 2019, 353, 110275.	0.8	11
92	An approach of adaptive effective cycles to couple fretting wear and creep in finite-element modeling. International Journal of Solids and Structures, 2018, 139-140, 302-311.	1.3	10
93	Modeling and implementation of oxide memristors for neuromorphic applications. , 2012, , .		9
94	Effect of Graphene Layers on Static Pull-in Behavior of Bilayer Graphene/Substrate Electrostatic Microactuators. Journal of Microelectromechanical Systems, 2013, 22, 553-559.	1.7	9
95	CASL Structural Mechanics Modeling of Grid-to-Rod Fretting (GTRF). Jom, 2016, 68, 2922-2929.	0.9	9
96	Influence of linear work hardening on the elasticâ€“plastic behavior of a functionally graded thick-walled tube. Acta Mechanica, 2016, 227, 2305-2321.	1.1	9
97	Physics-encoded deep learning in identifying battery parameters without direct knowledge of ground truth. Applied Energy, 2022, 321, 119390.	5.1	9
98	A level set approach to model directed nanocrack patterns. Computational Materials Science, 2007, 39, 849-856.	1.4	8
99	Self-assembly of functionally gradient nanoparticle structures. Applied Physics Letters, 2008, 93, 243109.	1.5	8
100	Instability of electrowetting on a dielectric substrate. Journal of Applied Physics, 2011, 109, 034309.	1.1	8
101	The effects of substrate size and temperature on the deposition of Cu clusters on a Si substrate. Journal of Applied Physics, 2012, 112, 024903.	1.1	8
102	Mechanism for dynamic regulation of iNOS expression after UVBâ€“radiation. Molecular Carcinogenesis, 2013, 52, 627-633.	1.3	8
103	Cracking and spalling of the oxide layer developed in high-burnup Zircaloy-4 cladding under normal operating conditions in a PWR. Journal of Nuclear Materials, 2018, 512, 46-55.	1.3	8
104	Modeling electrode-level crack and quantifying its effect on battery performance and impedance. Electrochimica Acta, 2020, 363, 137197.	2.6	8
105	Top-Down Ultrasonication-Assisted Exfoliation for Prebonded Phosphoreneâ€“Graphene Heterostructures Enabling Fast Lithiation/Delithiation. ACS Applied Materials & Interfaces, 2021, 13, 25946-25959.	4.0	8
106	Effect of electric field on exfoliation of nanoplates. Applied Physics Letters, 2006, 89, 223118.	1.5	7
107	Design nanocrack patterns in heterogeneous films. Nanotechnology, 2006, 17, 5185-5191.	1.3	6
108	3-D Vertical Dual-Layer Oxide Memristive Devices. IEEE Transactions on Electron Devices, 2014, 61, 2581-2583.	1.6	6

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109	Nanoscale Probing of Interaction in Atomically Thin Layered Materials. ACS Central Science, 2018, 4, 288-297.	5.3	6
110	Nonuniversal transport behavior in heterogeneous high-density polyethylene/graphite nanosheet composites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1846-1852.	2.4	5
111	Ordering of metallic quantum dots. Applied Physics Letters, 2006, 89, 073105.	1.5	5
112	Self-organized chains of nanodots induced by an off-normal incident beam. Nanoscale Research Letters, 2011, 6, 432.	3.1	5
113	Self-assembly of nanoparticles into heterogeneous structures with gradient material properties. Physical Review E, 2011, 83, 031402.	0.8	5
114	Effects of local $H$ on the formation and regulation of cristae morphologies. Physical Review E, 2014, 90, 022702.	0.8	5
115	Growth and modelling of spherical crystalline morphologies of molecular materials. Nature Communications, 2014, 5, 5204.	5.8	5
116	Programmable nanoscale domain patterns in multilayers. Acta Materialia, 2005, 53, 3253-3260.	3.8	4
117	A Comprehensive Study of Black Phosphorus-Graphite Composite Anodes and HEMM Synthesis Conditions for Improved Cycle Stability. Journal of the Electrochemical Society, 2019, 166, A2673-A2682.	1.3	4
118	Generation of perversions in fibers with intrinsic curvature. Journal of the Mechanics and Physics of Solids, 2020, 139, 103932.	2.3	4
119	Surface instability of metal anode in all-solid-state batteries. International Journal of Solids and Structures, 2022, 253, 111790.	1.3	4
120	Dynamics of nanoscale self-assembly of ternary epilayers. Microelectronic Engineering, 2004, 75, 78-84.	1.1	3
121	Surfactant-SWNT Assembly and Static Dielectrics of SWNTs. Materials Research Society Symposia Proceedings, 2007, 1018, 1.	0.1	3
122	Nanowire based electronics: Challenges and prospects. , 2009, , .		3
123	CMOS-integrated memristors for neuromorphic architectures. , 2011, , .		3
124	Memristive analog arithmetic within cellular arrays. , 2012, , .		3
125	Formation of ordered nanodroplet chains on a solid surface by enhanced surface diffusion and shadow effect. Surface Science, 2012, 606, 659-663.	0.8	3
126	Use of wavelet analysis for an objective evaluation of the formation of pills in nonwoven fabrics. Journal of Industrial Textiles, 2019, 49, 663-675.	1.1	3



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127	A Facile Process to Fabricate Phosphorus/Carbon Xerogel Composite as Anode for Sodium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 080529.	1.3	3
128	Theory of Coupled Electrochemistry and Piezoelectricity in a Porous Medium. <i>Physical Review Letters</i> , 2022, 128, 068301.	2.9	3
129	Versatile Metal Oxide Nanowire Devices Achieved via Controlled Doping. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1018, 1.	0.1	2
130	Stability and shape evolution of voids and channels due to surface misfit. <i>International Journal of Solids and Structures</i> , 2008, 45, 3793-3806.	1.3	2
131	Growing large nanostructured superlattices from a continuum medium by sequential activation of self-assembly. <i>Physical Review E</i> , 2011, 83, 041610.	0.8	2
132	Improvement of RRAM Device Performance Through On-Chip Resistors. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1430, 149.	0.1	2
133	Spontaneous propagation of self-assembly in a continuous medium. <i>Physical Review E</i> , 2012, 85, 041124.	0.8	2
134	Effect of power history on pellet-cladding interaction. <i>Nuclear Engineering and Design</i> , 2020, 358, 110439.	0.8	2
135	Cyclic stress-assisted surface diffusion and stress concentration of machined surface topography. <i>Engineering Fracture Mechanics</i> , 2020, 234, 107087.	2.0	2
136	A theory that couples electrochemistry and thin film piezoelectricity with stability analysis for electrodeposition. <i>Journal of the Mechanics and Physics of Solids</i> , 2022, 162, 104827.	2.3	2
137	A generic battery-cycling optimization framework with learned sampling and early stopping strategies. <i>Patterns</i> , 2022, 3, 100531.	3.1	2
138	Evolving Thin Polymer Film Driven by Electrostatic Field. <i>Materials Research Society Symposia Proceedings</i> , 2005, 889, 1.	0.1	1
139	Ag/a-Si:H/c-Si resistive switching nonvolatile memory devices. , 2006, , .		1
140	Control morphology of nanostructures with electric field. <i>Applied Physics Letters</i> , 2009, 95, 073110.	1.5	1
141	Porosity Defect Remodeling and Tensile Analysis of Cast Steel. <i>Materials</i> , 2016, 9, 119.	1.3	1
142	In-situ observations of abrasion mechanisms of nonwoven fabric. <i>Wear</i> , 2019, 432-433, 202945.	1.5	1
143	Mechanistic model for stresses in the oxide layer formed on zirconium alloys. <i>Journal of Thermal Stresses</i> , 2019, 42, 1071-1082.	1.1	1
144	Kinetic Monte Carlo Simulation of Lithium Dendrite Growth in Lithium-ion Battery. , 2021, , .		1

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145	Sparse data machine learning for battery health estimation and optimal design incorporating material characteristics. Applied Energy, 2022, 307, 118165.	5.1	1
146	Guided Formation of Nanostructures in Thin Films. Materials Research Society Symposia Proceedings, 2003, 795, 94.	0.1	0
147	Instability Induced by Near-substrate Electric Field. Materials Research Society Symposia Proceedings, 2004, 821, 13.	0.1	0
148	Self-assembled Patterns in A Polymer Thin Film. Materials Research Society Symposia Proceedings, 2004, 854, U12.4.1.	0.1	0
149	Stability of multi-component epilayers and nanopattern formation. Journal of Nanoparticle Research, 2004, 6, 495-507.	0.8	0
150	Self-organization and Patterning of Multilayers of Molecules. Materials Research Society Symposia Proceedings, 2005, 901, 1.	0.1	0
151	Simulation of Nanostructure Formation in Thin Polymer Films. Materials Research Society Symposia Proceedings, 2005, 890, 1.	0.1	0
152	Void Evolution via Coupled Creep and Electromigration in Confined Small Scale Interconnects. , 2006, , 549.		0
153	Forces that Drive the Self-assembly of Metallic Dots on Semiconductor Substrates. Materials Research Society Symposia Proceedings, 2006, 959, 1.	0.1	0
154	Electric Field Guided Self-Assembly of Molecules. Materials Research Society Symposia Proceedings, 2006, 947, 1.	0.1	0
155	Void Evolution via Coupled Creep, Diffusion and Electromigration in Confined Nano-interconnects. Materials Research Society Symposia Proceedings, 2006, 978, .	0.1	0
156	Si-based two-terminal resistive switching nonvolatile memory. , 2008, , .		0
157	Surface instability, ripple formation, and spontaneous transition to chains of dots by competing kinetics. Computational Materials Science, 2011, 50, 2706-2711.	1.4	0
158	Guest Editorial Solid-state Memristive Devices and Systems. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2015, 5, 121-122.	2.7	0
159	A nanofluidics study on nanoscale gas bubble defects in dispensing-based nanoimprint lithography. , 2017, , .		0
160	Influence of the Turing instability on the motion of domain boundaries. Physical Review E, 2020, 102, 012802.	0.8	0
161	Interface Instability and Morphology Evolution of Thin Films Induced by Electrostatic Interaction. , 2006, , .		0
162	Self-Assembly of Nanostructures. , 2016, , 3606-3618.		0