

Wei Lu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154
papers

5,317
citations

34
h-index

70
g-index

165
ext. papers

6,123
ext. citations

5.8
avg. IF

6.26
L-index

#	Paper	IF	Citations
154	Self-directed online machine learning for topology optimization.. <i>Nature Communications</i> , 2022 , 13, 388	17.4	2
153	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	5	1
152	Theory of Coupled Electrochemistry and Piezoelectricity in a Porous Medium.. <i>Physical Review Letters</i> , 2022 , 128, 068301	7.4	0
151	Structural degradation of graphite anode induced by dissolved manganese ions in lithium-ion batteries. <i>Journal of Power Sources</i> , 2022 , 528, 231223	8.9	2
150	Sparse data machine learning for battery health estimation and optimal design incorporating material characteristics. <i>Applied Energy</i> , 2021 , 118165	10.7	
149	Top-Down Ultrasonication-Assisted Exfoliation for Prebonded Phosphorene-Graphene Heterostructures Enabling Fast Lithiation/Delithiation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 25946-25959	9.5	3
148	Machine learning toward advanced energy storage devices and systems. <i>IScience</i> , 2021 , 24, 101936	6.1	21
147	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	3.9	0
146	Lithium Plating Mechanism, Detection, and Mitigation in Lithium-Ion Batteries. <i>Progress in Energy and Combustion Science</i> , 2021 , 87, 100953	33.6	17
145	Direct measurements of interfacial adhesion in 2D materials and van der Waals heterostructures in ambient air. <i>Nature Communications</i> , 2020 , 11, 5607	17.4	26
144	Piezoelectric Mechanism and a Compliant Film to Effectively Suppress Dendrite Growth. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 51448-51458	9.5	3
143	Cyclic stress-assisted surface diffusion and stress concentration of machined surface topography. <i>Engineering Fracture Mechanics</i> , 2020 , 234, 107087	4.2	1
142	Generation of perversions in fibers with intrinsic curvature. <i>Journal of the Mechanics and Physics of Solids</i> , 2020 , 139, 103932	5	3
141	Physical Model and Machine Learning Enabled Electrolyte Channel Design for Fast Charging. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 110519	3.9	9
140	Effect of power history on pellet-cladding interaction. <i>Nuclear Engineering and Design</i> , 2020 , 358, 110439.8		1
139	Modeling electrode-level crack and quantifying its effect on battery performance and impedance. <i>Electrochimica Acta</i> , 2020 , 363, 137197	6.7	0
138	Integrating Machine Learning with Human Knowledge. <i>IScience</i> , 2020 , 23, 101656	6.1	29

137	Influence of the Turing instability on the motion of domain boundaries. <i>Physical Review E</i> , 2020 , 102, 012802	2.4	
136	Highly ambient-stable few-layer black phosphorene by pulsed laser exfoliation and HEMM. <i>Chemical Communications</i> , 2019 , 55, 2601-2604	5.8	16
135	Mechanistic model for stresses in the oxide layer formed on zirconium alloys. <i>Journal of Thermal Stresses</i> , 2019 , 42, 1071-1082	2.2	
134	A Comprehensive Experimental and Modeling Study on Dissolution in Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A1340-A1354	3.9	17
133	Material structure and chemical bond effect on the electrochemical performance of black phosphorus-graphite composite anodes. <i>Electrochimica Acta</i> , 2019 , 309, 264-273	6.7	11
132	A Comprehensive Study of Black Phosphorus-Graphite Composite Anodes and HEMM Synthesis Conditions for Improved Cycle Stability. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2673-A2682	3.9	4
131	In-situ observations of abrasion mechanisms of nonwoven fabric. <i>Wear</i> , 2019 , 432-433, 202945	3.5	1
130	Cracking of Cr-coated accident-tolerant fuel during normal operation and under power-ramping conditions. <i>Nuclear Engineering and Design</i> , 2019 , 353, 110275	1.8	9
129	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	6.7	13
128	Preventing Dendrite Growth by a Soft Piezoelectric Material 2019 , 1, 498-505		11
127	A consistently coupled multiscale mechanical-electrochemical battery model with particle interaction and its validation. <i>Journal of the Mechanics and Physics of Solids</i> , 2019 , 125, 89-111	5	30
126	Use of wavelet analysis for an objective evaluation of the formation of pills in nonwoven fabrics. <i>Journal of Industrial Textiles</i> , 2019 , 49, 663-675	1.6	3
125	An approach of adaptive effective cycles to couple fretting wear and creep in finite-element modeling. <i>International Journal of Solids and Structures</i> , 2018 , 139-140, 302-311	3.1	7
124	Nanoscale Probing of Interaction in Atomically Thin Layered Materials. <i>ACS Central Science</i> , 2018 , 4, 288-297	2.7	2
123	Neuromorphic Computing Using Memristor Crossbar Networks: A Focus on Bio-Inspired Approaches. <i>IEEE Nanotechnology Magazine</i> , 2018 , 12, 6-18	1.7	27
122	Rubbing-Induced Site-Selective Growth of MoS ₂ Device Patterns. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43774-43784	9.5	10
121	Cracking and spalling of the oxide layer developed in high-burnup Zircaloy-4 cladding under normal operating conditions in a PWR. <i>Journal of Nuclear Materials</i> , 2018 , 512, 46-55	3.3	4
120	A Framework for Optimization on Battery Cycle Life. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A3380-A3388	3.9	3

119	MoS Memristors Exhibiting Variable Switching Characteristics toward Biorealistic Synaptic Emulation. <i>ACS Nano</i> , 2018 , 12, 9240-9252	16.7	119
118	Application of artificial neural networks in design of lithium-ion batteries. <i>Journal of Power Sources</i> , 2018 , 395, 128-136	8.9	46
117	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	3.1	13
116	Abnormal Multiple Charge Memory States in Exfoliated Few-Layer WSe Transistors. <i>ACS Nano</i> , 2017 , 11, 1091-1102	16.7	30
115	Layer-by-Layer Insight into Electrostatic Charge Distribution of Few-Layer Graphene. <i>Scientific Reports</i> , 2017 , 7, 42821	4.9	8
114	The effect of coupled wear and creep during grid-to-rod fretting. <i>Nuclear Engineering and Design</i> , 2017 , 318, 163-173	1.8	28
113	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	8.9	13
112	A battery model that fully couples mechanics and electrochemistry at both particle and electrode levels by incorporation of particle interaction. <i>Journal of Power Sources</i> , 2017 , 360, 360-372	8.9	48
111	Scaling behavior of nanoimprint and nanoprinting lithography for producing nanostructures of molybdenum disulfide. <i>Microsystems and Nanoengineering</i> , 2017 , 3, 17053	7.7	10
110	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	3.9	14
109	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	3.8	20
108	Fatigue notch factors prediction of rough specimen by the theory of critical distance. <i>International Journal of Fatigue</i> , 2017 , 104, 195-205	5	12
107	A Model of Concurrent Lithium Dendrite Growth, SEI Growth, SEI Penetration and Regrowth. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A1826-A1833	3.9	56
106	CASL Structural Mechanics Modeling of Grid-to-Rod Fretting (GTRF). <i>Jom</i> , 2016 , 68, 2922-2929	2.1	6
105	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	1.8	16
104	A Facile 3D Binding Approach for High Si Loading Anodes. <i>Electrochimica Acta</i> , 2016 , 212, 141-146	6.7	12
103	Influence of linear work hardening on the elastic-plastic behavior of a functionally graded thick-walled tube. <i>Acta Mechanica</i> , 2016 , 227, 2305-2321	2.1	8
102	Multiparametric Biomechanical and Biochemical Phenotypic Profiling of Single Cancer Cells Using an Elasticity Microcytometer. <i>Small</i> , 2016 , 12, 2300-11	11	31

101	Effect of plastic deformation on the evolution of wear and local stress fields in fretting. <i>International Journal of Solids and Structures</i> , 2016 , 82, 1-8	3.1	59
100	Debonding at the interface between active particles and PVDF binder in Li-ion batteries. <i>Extreme Mechanics Letters</i> , 2016 , 6, 37-44	3.9	36
99	Porosity Defect Remodeling and Tensile Analysis of Cast Steel. <i>Materials</i> , 2016 , 9,	3.5	1
98	Mechanical-Electrochemical Modeling of Agglomerate Particles in Lithium-Ion Battery Electrodes. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A3131-A3139	3.9	20
97	Electronic and Bonding Properties of LiMn ₂ O 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	3.9	27
96	Effects of Fluoroethylene Carbonate (FEC) on Anode and Cathode Interfaces at Elevated Temperatures. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A1683-A1692	3.9	76
95	Slip and wear at a corner with Coulomb friction and an interfacial strength. <i>Wear</i> , 2015 , 338-339, 242-251	3.5	34
94	Degradation of the solid electrolyte interphase induced by the deposition of manganese ions. <i>Journal of Power Sources</i> , 2015 , 284, 416-427	8.9	60
93	Nanoimprint-Assisted Shear Exfoliation (NASE) for Producing Multilayer MoS ₂ Structures as Field-Effect Transistor Channel Arrays. <i>ACS Nano</i> , 2015 , 9, 8773-85	16.7	36
92	Simulation of wear evolution using fictitious eigenstrains. <i>Tribology International</i> , 2015 , 82, 191-194	4.9	24
91	Guest Editorial Solid-state Memristive Devices and Systems. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2015 , 5, 121-122	5.2	
90	3-D Vertical Dual-Layer Oxide Memristive Devices. <i>IEEE Transactions on Electron Devices</i> , 2014 , 61, 2581-2583	5.3	5
89	Pattern recognition with memristor networks 2014 ,		20
88	Uniform Carbon Coating on Silicon Nanoparticles by Dynamic CVD Process for Electrochemical Lithium Storage. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 12697-12704	3.9	40
87	A thermal-electrochemical model that gives spatial-dependent growth of solid electrolyte interphase in a Li-ion battery. <i>Journal of Power Sources</i> , 2014 , 268, 482-490	8.9	86
86	Growth and modelling of spherical crystalline morphologies of molecular materials. <i>Nature Communications</i> , 2014 , 5, 5204	17.4	4
85	Comprehensive physical model of dynamic resistive switching in an oxide memristor. <i>ACS Nano</i> , 2014 , 8, 2369-76	16.7	301
84	Molecular Dynamics Simulations of the Traction-Separation Response at the Interface between PVDF Binder and Graphite in the Electrode of Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A1218-A1223	3.9	43

83	Memristive devices for stochastic computing 2014 ,		32
82	A Native Stochastic Computing Architecture Enabled by Memristors. <i>IEEE Nanotechnology Magazine</i> , 2014 , 13, 283-293	2.6	67
81	Effects of local pH on the formation and regulation of cristae morphologies. <i>Physical Review E</i> , 2014 , 90, 022702	2.4	5
80	Mechanism for dynamic regulation of iNOS expression after UVB-irradiation. <i>Molecular Carcinogenesis</i> , 2013 , 52, 627-33	5	6
79	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,	2.7	14
78	Biophysical significance of the inner mitochondrial membrane structure on the electrochemical potential of mitochondria. <i>Physical Review E</i> , 2013 , 88, 062723	2.4	23
77	A mechanism-based framework for the numerical analysis of creep in zircaloy-4. <i>Journal of Nuclear Materials</i> , 2013 , 433, 188-198	3.3	19
76	Effect of Graphene Layers on Static Pull-in Behavior of Bilayer Graphene/Substrate Electrostatic Microactuators. <i>Journal of Microelectromechanical Systems</i> , 2013 , 22, 553-559	2.5	8
75	MoS2 transistors fabricated via plasma-assisted nanoprinting of few-layer MoS2 flakes into large-area arrays. <i>ACS Nano</i> , 2013 , 7, 5870-81	16.7	104
74	A Comprehensive Capacity Fade Model and Analysis for Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A1701-A1710	3.9	136
73	Latch-up based bidirectional npn selector for bipolar resistance-change memory. <i>Applied Physics Letters</i> , 2013 , 103, 033505	3.4	19
72	Memristive analog arithmetic within cellular arrays 2012 ,		3
71	Formation of ordered nanodroplet chains on a solid surface by enhanced surface diffusion and shadow effect. <i>Surface Science</i> , 2012 , 606, 659-663	1.8	3
70	Modeling and implementation of oxide memristors for neuromorphic applications 2012 ,		8
69	Improvement of RRAM Device Performance Through On-Chip Resistors. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1430, 149		2
68	Ambipolar inverters using SnO thin-film transistors with balanced electron and hole mobilities. <i>Applied Physics Letters</i> , 2012 , 100, 263502	3.4	72
67	Spontaneous propagation of self-assembly in a continuous medium. <i>Physical Review E</i> , 2012 , 85, 041124	2.4	2
66	The effects of substrate size and temperature on the deposition of Cu clusters on a Si substrate. <i>Journal of Applied Physics</i> , 2012 , 112, 024903	2.5	7

65	Time-dependency of the threshold voltage in memristive devices 2011 ,		13
64	Surface instability, ripple formation, and spontaneous transition to chains of dots by competing kinetics. <i>Computational Materials Science</i> , 2011 , 50, 2706-2711	3.2	
63	Two-terminal resistive switches (memristors) for memory and logic applications 2011 ,		68
62	Self-organized chains of nanodots induced by an off-normal incident beam. <i>Nanoscale Research Letters</i> , 2011 , 6, 432	5	5
61	Synaptic behaviors and modeling of a metal oxide memristive device. <i>Applied Physics A: Materials Science and Processing</i> , 2011 , 102, 857-863	2.6	271
60	CMOS-integrated memristors for neuromorphic architectures 2011 ,		2
59	Self-assembly of organic/inorganic nanocomposites with nacre-like hierarchical structures. <i>Soft Matter</i> , 2011 , 7, 4828	3.6	17
58	Growing large nanostructured superlattices from a continuum medium by sequential activation of self-assembly. <i>Physical Review E</i> , 2011 , 83, 041610	2.4	1
57	Instability of electrowetting on a dielectric substrate. <i>Journal of Applied Physics</i> , 2011 , 109, 034309	2.5	8
56	Numerical Simulation of the Effect of the Dissolution of LiMn_2O_4 Particles on Li-Ion Battery Performance. <i>Electrochemical and Solid-State Letters</i> , 2011 , 14, A14		98
55	Self-assembly of nanoparticles into heterogeneous structures with gradient material properties. <i>Physical Review E</i> , 2011 , 83, 031402	2.4	4
54	Resistance switching in polycrystalline BiFeO_3 thin films. <i>Applied Physics Letters</i> , 2010 , 97, 042101	3.4	129
53	Control morphology of nanostructures with electric field. <i>Applied Physics Letters</i> , 2009 , 95, 073110	3.4	
52	Radio-Frequency Operation of Transparent Nanowire Thin-Film Transistors. <i>IEEE Electron Device Letters</i> , 2009 , 30, 730-732	4.4	15
51	A scanning probe microscopy based assay for single-walled carbon nanotube metallicity. <i>Nano Letters</i> , 2009 , 9, 1668-72	11.5	49
50	Nanowire based electronics: Challenges and prospects 2009 ,		2
49	Length-Dependent Dielectric Polarization in Metallic Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 10337-10340	3.8	9
48	Nanoelectronics from the bottom up 2009 , 137-146		12

47	Nanowire Transistor Performance Limits and Applications. <i>IEEE Transactions on Electron Devices</i> , 2008 , 55, 2859-2876	2.9	250
46	Self-assembly of functionally gradient nanoparticle structures. <i>Applied Physics Letters</i> , 2008 , 93, 243109	3.4	7
45	Highly ordered Ga nanodroplets on a GaAs surface formed by a focused ion beam. <i>Physical Review Letters</i> , 2008 , 100, 076103	7.4	67
44	Branched SnO ₂ nanowires on metallic nanowire backbones for ethanol sensors application. <i>Applied Physics Letters</i> , 2008 , 92, 102101	3.4	90
43	A Local Semi-Implicit Level-Set Method for Interface Motion. <i>Journal of Scientific Computing</i> , 2008 , 35, 330-349	2.3	17
42	Stability and shape evolution of voids and channels due to surface misfit. <i>International Journal of Solids and Structures</i> , 2008 , 45, 3793-3806	3.1	2
41	Near-static dielectric polarization of individual carbon nanotubes. <i>Nano Letters</i> , 2007 , 7, 2729-33	11.5	101
40	Nanoelectronics from the bottom up. <i>Nature Materials</i> , 2007 , 6, 841-50	27	1290
39	Versatile Metal Oxide Nanowire Devices Achieved via Controlled Doping. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1018, 1		2
38	Orientation of core-shell nanoparticles in an electric field. <i>Applied Physics Letters</i> , 2007 , 91, 053113	3.4	21
37	Surfactant-SWNT Assembly and Static Dielectrics of SWNTs. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1018, 1		3
36	A level set approach to model directed nanocrack patterns. <i>Computational Materials Science</i> , 2007 , 39, 849-856	3.2	8
35	Self-Assembly for Semiconductor Industry. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2007 , 20, 421-431	2.6	24
34	Void Evolution via Coupled Creep and Electromigration in Confined Small Scale Interconnects 2006 , 549		
33	Design nanocrack patterns in heterogeneous films. <i>Nanotechnology</i> , 2006 , 17, 5185-5191	3.4	6
32	Forces that Drive the Self-assembly of Metallic Dots on Semiconductor Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 959, 1		
31	Ag/a-Si:H/c-Si resistive switching nonvolatile memory devices 2006 ,		1
30	Electric Field Guided Self-Assembly of Molecules. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 947, 1		

29	Three-dimensional model of electrostatically induced pattern formation in thin polymer films. <i>Physical Review B</i> , 2006 , 73,	3-3	43
28	Effect of electric field on exfoliation of nanoplates. <i>Applied Physics Letters</i> , 2006 , 89, 223118	3-4	7
27	Ordering of metallic quantum dots. <i>Applied Physics Letters</i> , 2006 , 89, 073105	3-4	5
26	Interface instability and nanostructure patterning. <i>Computational Materials Science</i> , 2006 , 38, 418-425	3-2	14
25	Nonuniversal transport behavior in heterogeneous high-density polyethylene/graphite nanosheet composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006 , 44, 1846-1852	2-6	5
24	Creep flow, diffusion, and electromigration in small scale interconnects. <i>Journal of the Mechanics and Physics of Solids</i> , 2006 , 54, 2554-2568	5	30
23	Nonlinear DC response in high-density polyethylene/graphite nanosheets composites. <i>Journal of Materials Science</i> , 2006 , 41, 1785-1790	4-3	18
22	Programmable nanoscale domain patterns in multilayers. <i>Acta Materialia</i> , 2005 , 53, 3253-3260	8-4	4
21	Engineering nanophase self-assembly with elastic field. <i>Acta Materialia</i> , 2005 , 53, 3689-3694	8-4	29
20	Time-dependence of piezo-resistive behavior for polyethylene/foiled graphite nanocomposites. <i>Polymer International</i> , 2005 , 54, 1689	3-3	13
19	Self-organization and Patterning of Multilayers of Molecules. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 901, 1		
18	Evolving Thin Polymer Film Driven by Electrostatic Field. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 889, 1		0
17	Simulation of Nanostructure Formation in Thin Polymer Films. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 890, 1		
16	Patterning multilayers of molecules via self-organization. <i>Physical Review Letters</i> , 2005 , 94, 146103	7-4	25
15	Self-organized nanostructures in multi-phase epilayers. <i>Nanotechnology</i> , 2004 , 15, 667-674	3-4	28
14	Monolayer pattern evolution via substrate strain-mediated spinodal decomposition. <i>Physical Review Letters</i> , 2004 , 93, 166104	7-4	15
13	Pattern formation in a polymer thin film induced by an in-plane electric field. <i>Applied Physics Letters</i> , 2004 , 85, 1161-1163	3-4	25
12	Instability Induced by Near-substrate Electric Field. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 821, 13		

- 11 Self-assembled Patterns in A Polymer Thin Film. *Materials Research Society Symposia Proceedings*, **2004**, 854, U12.4.1
- 10 Dynamics of nanoscale self-assembly of ternary epilayers. *Microelectronic Engineering*, **2004**, 75, 78-84 2.5 3
- 9 Stability of multi-component epilayers and nanopattern formation. *Journal of Nanoparticle Research*, **2004**, 6, 495-507 2.3
- 8 Dynamic in situ characterization of organic monolayer formation via a Novel substrate-mediated mechanism. *Langmuir*, **2004**, 20, 1258-68 4 12
- 7 Patterning Nanoscale Structures by Surface Chemistry. *Nano Letters*, **2004**, 4, 313-316 11.5 39
- 6 Guided Formation of Nanostructures in Thin Films. *Materials Research Society Symposia Proceedings*, **2003**, 795, 94
- 5 A mesophase transition in a binary monolayer on a solid surface. *Acta Materialia*, **2002**, 50, 2297-2308 8.4 34
- 4 Symmetry breaking in self-assembled monolayers on solid surfaces. II. Anisotropic substrate elasticity. *Physical Review B*, **2002**, 65, 3.3 39
- 3 Symmetry breaking in self-assembled monolayers on solid surfaces: Anisotropic surface stress. *Physical Review B*, **2002**, 65, 3.3 54
- 2 Dynamics of nanoscale pattern formation of an epitaxial monolayer. *Journal of the Mechanics and Physics of Solids*, **2001**, 49, 1937-1950 5 105
- 1 Nanosession: Neuromorphic Concepts 197-206