

Wei Lu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4718043/wei-lu-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Nanoelectronics from the bottom up. <i>Nature Materials</i> , 2007 , 6, 841-50	27	1290
153	Comprehensive physical model of dynamic resistive switching in an oxide memristor. <i>ACS Nano</i> , 2014 , 8, 2369-76	16.7	301
152	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
151	Nanowire Transistor Performance Limits and Applications. <i>IEEE Transactions on Electron Devices</i> , 2008 , 55, 2859-2876	2.9	250
150	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
149	Resistance switching in polycrystalline BiFeO ₃ thin films. <i>Applied Physics Letters</i> , 2010 , 97, 042101	3.4	129
148	MoS Memristors Exhibiting Variable Switching Characteristics toward Biorealistic Synaptic Emulation. <i>ACS Nano</i> , 2018 , 12, 9240-9252	16.7	119
147	Dynamics of nanoscale pattern formation of an epitaxial monolayer. <i>Journal of the Mechanics and Physics of Solids</i> , 2001 , 49, 1937-1950	5	105
146	MoS ₂ transistors fabricated via plasma-assisted nanoprinting of few-layer MoS ₂ flakes into large-area arrays. <i>ACS Nano</i> , 2013 , 7, 5870-81	16.7	104
145	Near-static dielectric polarization of individual carbon nanotubes. <i>Nano Letters</i> , 2007 , 7, 2729-33	11.5	101
144	Numerical Simulation of the Effect of the Dissolution of LiMn ₂ O ₄ Particles on Li-Ion Battery Performance. <i>Electrochemical and Solid-State Letters</i> , 2011 , 14, A14		98
143	Branched SnO ₂ nanowires on metallic nanowire backbones for ethanol sensors application. <i>Applied Physics Letters</i> , 2008 , 92, 102101	3.4	90
142	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
141	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
140	Ambipolar inverters using SnO thin-film transistors with balanced electron and hole mobilities. <i>Applied Physics Letters</i> , 2012 , 100, 263502	3.4	72
139	Two-terminal resistive switches (memristors) for memory and logic applications 2011 ,		68
138	A Native Stochastic Computing Architecture Enabled by Memristors. <i>IEEE Nanotechnology Magazine</i> , 2014 , 13, 283-293	2.6	67

137	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
136	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
135	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
134	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
133	Symmetry breaking in self-assembled monolayers on solid surfaces: Anisotropic surface stress. <i>Physical Review B</i> , 2002 , 65,	3.3	54
132	A scanning probe microscopy based assay for single-walled carbon nanotube metallicity. <i>Nano Letters</i> , 2009 , 9, 1668-72	11.5	49
131	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
130	Application of artificial neural networks in design of lithium-ion batteries. <i>Journal of Power Sources</i> , 2018 , 395, 128-136	8.9	46
129	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
128	Three-dimensional model of electrostatically induced pattern formation in thin polymer films. <i>Physical Review B</i> , 2006 , 73,	3.3	43
127	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
126	Patterning Nanoscale Structures by Surface Chemistry. <i>Nano Letters</i> , 2004 , 4, 313-316	11.5	39
125	Symmetry breaking in self-assembled monolayers on solid surfaces. II. Anisotropic substrate elasticity. <i>Physical Review B</i> , 2002 , 65,	3.3	39
124	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
123	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
122	Slip and wear at a corner with Coulomb friction and an interfacial strength. <i>Wear</i> , 2015 , 338-339, 242-251	3.5	34
121	A mesophase transition in a binary monolayer on a solid surface. <i>Acta Materialia</i> , 2002 , 50, 2297-2308	8.4	34
120	Memristive devices for stochastic computing 2014 ,		32

119	Multiparametric Biomechanical and Biochemical Phenotypic Profiling of Single Cancer Cells Using an Elasticity Microcytometer. <i>Small</i> , 2016 , 12, 2300-11	11	31
118	Abnormal Multiple Charge Memory States in Exfoliated Few-Layer WSe Transistors. <i>ACS Nano</i> , 2017 , 11, 1091-1102	16.7	30
117	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
116	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
115	Engineering nanophase self-assembly with elastic field. <i>Acta Materialia</i> , 2005 , 53, 3689-3694	8.4	29
114	Integrating Machine Learning with Human Knowledge. <i>IScience</i> , 2020 , 23, 101656	6.1	29
113	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
112	Self-organized nanostructures in multi-phase epilayers. <i>Nanotechnology</i> , 2004 , 15, 667-674	3.4	28
111	Neuromorphic Computing Using Memristor Crossbar Networks: A Focus on Bio-Inspired Approaches. <i>IEEE Nanotechnology Magazine</i> , 2018 , 12, 6-18	1.7	27
110	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
109	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
108	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
107	Patterning multilayers of molecules via self-organization. <i>Physical Review Letters</i> , 2005 , 94, 146103	7.4	25
106	Simulation of wear evolution using fictitious eigenstrains. <i>Tribology International</i> , 2015 , 82, 191-194	4.9	24
105	Self-Assembly for Semiconductor Industry. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2007 , 20, 421-431	2.6	24
104	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
103	Orientation of core-shell nanoparticles in an electric field. <i>Applied Physics Letters</i> , 2007 , 91, 053113	3.4	21
102	Machine learning toward advanced energy storage devices and systems. <i>IScience</i> , 2021 , 24, 101936	6.1	21

101	Pattern recognition with memristor networks 2014 ,		20
100	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
99	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
98	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
97	Latch-up based bidirectional npn selector for bipolar resistance-change memory. <i>Applied Physics Letters</i> , 2013 , 103, 033505	3.4	19
96	Nonlinear DC response in high-density polyethylene/graphite nanosheets composites. <i>Journal of Materials Science</i> , 2006 , 41, 1785-1790	4.3	18
95	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
94	Self-assembly of organic-organic nanocomposites with nacre-like hierarchical structures. <i>Soft Matter</i> , 2011 , 7, 4828	3.6	17
93	A Local Semi-Implicit Level-Set Method for Interface Motion. <i>Journal of Scientific Computing</i> , 2008 , 35, 330-349	2.3	17
92	Lithium Plating Mechanism, Detection, and Mitigation in Lithium-Ion Batteries. <i>Progress in Energy and Combustion Science</i> , 2021 , 87, 100953	33.6	17
91	Highly ambient-stable few-layer black phosphorene by pulsed laser exfoliation and HEMM. <i>Chemical Communications</i> , 2019 , 55, 2601-2604	5.8	16
90	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
89	Radio-Frequency Operation of Transparent Nanowire Thin-Film Transistors. <i>IEEE Electron Device Letters</i> , 2009 , 30, 730-732	4.4	15
88	Monolayer pattern evolution via substrate strain-mediated spinodal decomposition. <i>Physical Review Letters</i> , 2004 , 93, 166104	7.4	15
87	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
86	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
85	Interface instability and nanostructure patterning. <i>Computational Materials Science</i> , 2006 , 38, 418-425	3.2	14
84	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

83	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
82	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
81	Time-dependency of the threshold voltage in memristive devices 2011 ,		13
80	Time-dependence of piezo-resistive behavior for polyethylene/foiled graphite nanocomposites. <i>Polymer International</i> , 2005 , 54, 1689	3.3	13
79	A Facile 3D Binding Approach for High Si Loading Anodes. <i>Electrochimica Acta</i> , 2016 , 212, 141-146	6.7	12
78	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
77	Nanoelectronics from the bottom up 2009 , 137-146		12
76	Dynamic in situ characterization of organic monolayer formation via a Novel substrate-mediated mechanism. <i>Langmuir</i> , 2004 , 20, 1258-68	4	12
75	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
74	Preventing Dendrite Growth by a Soft Piezoelectric Material 2019 , 1, 498-505		11
73	Scaling behavior of nanoimprint and nanoprinting lithography for producing nanostructures of molybdenum disulfide. <i>Microsystems and Nanoengineering</i> , 2017 , 3, 17053	7.7	10
72	Rubbing-Induced Site-Selective Growth of MoS Device Patterns. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43774-43784	9.5	10
71	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
70	Length-Dependent Dielectric Polarization in Metallic Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 10337-10340	3.8	9
69	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
68	Layer-by-Layer Insight into Electrostatic Charge Distribution of Few-Layer Graphene. <i>Scientific Reports</i> , 2017 , 7, 42821	4.9	8
67	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
66	Modeling and implementation of oxide memristors for neuromorphic applications 2012 ,		8

65	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
64	Instability of electrowetting on a dielectric substrate. <i>Journal of Applied Physics</i> , 2011 , 109, 034309	2.5	8
63	A level set approach to model directed nanocrack patterns. <i>Computational Materials Science</i> , 2007 , 39, 849-856	3.2	8
62	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
61	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
60	Self-assembly of functionally gradient nanoparticle structures. <i>Applied Physics Letters</i> , 2008 , 93, 243109	3.4	7
59	Effect of electric field on exfoliation of nanoplates. <i>Applied Physics Letters</i> , 2006 , 89, 223118	3.4	7
58	CASL Structural Mechanics Modeling of Grid-to-Rod Fretting (GTRF). <i>Jom</i> , 2016 , 68, 2922-2929	2.1	6
57	Mechanism for dynamic regulation of iNOS expression after UVB-irradiation. <i>Molecular Carcinogenesis</i> , 2013 , 52, 627-33	5	6
56	Design nanocrack patterns in heterogeneous films. <i>Nanotechnology</i> , 2006 , 17, 5185-5191	3.4	6
55	3-D Vertical Dual-Layer Oxide Memristive Devices. <i>IEEE Transactions on Electron Devices</i> , 2014 , 61, 2581-2583	2.5	5
54	Effects of local pH on the formation and regulation of cristae morphologies. <i>Physical Review E</i> , 2014 , 90, 022702	2.4	5
53	Self-organized chains of nanodots induced by an off-normal incident beam. <i>Nanoscale Research Letters</i> , 2011 , 6, 432	5	5
52	Ordering of metallic quantum dots. <i>Applied Physics Letters</i> , 2006 , 89, 073105	3.4	5
51	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
50	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
49	Growth and modelling of spherical crystalline morphologies of molecular materials. <i>Nature Communications</i> , 2014 , 5, 5204	17.4	4
48	Self-assembly of nanoparticles into heterogeneous structures with gradient material properties. <i>Physical Review E</i> , 2011 , 83, 031402	2.4	4

47	Programmable nanoscale domain patterns in multilayers. <i>Acta Materialia</i> , 2005 , 53, 3253-3260	8.4	4
46	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
45	Piezoelectric Mechanism and a Compliant Film to Effectively Suppress Dendrite Growth. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 51448-51458	9.5	3
44	Generation of perversions in fibers with intrinsic curvature. <i>Journal of the Mechanics and Physics of Solids</i> , 2020 , 139, 103932	5	3
43	Memristive analog arithmetic within cellular arrays 2012 ,		3
42	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
41	Surfactant-SWNT Assembly and Static Dielectrics of SWNTs. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1018, 1		3
40	Dynamics of nanoscale self-assembly of ternary epilayers. <i>Microelectronic Engineering</i> , 2004 , 75, 78-84	2.5	3
39	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
38	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
37	A Framework for Optimization on Battery Cycle Life. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A3380-A3388	3.9	3
36	Nanoscale Probing of Interaction in Atomically Thin Layered Materials. <i>ACS Central Science</i> , 2018 , 4, 288-293		2
35	CMOS-integrated memristors for neuromorphic architectures 2011 ,		2
34	Improvement of RRAM Device Performance Through On-Chip Resistors. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1430, 149		2
33	Spontaneous propagation of self-assembly in a continuous medium. <i>Physical Review E</i> , 2012 , 85, 041124	2.4	2
32	Nanowire based electronics: Challenges and prospects 2009 ,		2
31	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
30	Versatile Metal Oxide Nanowire Devices Achieved via Controlled Doping. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1018, 1		2

29	Self-directed online machine learning for topology optimization.. <i>Nature Communications</i> , 2022 , 13, 388	17.4	2
28	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
27	Cyclic stress-assisted surface diffusion and stress concentration of machined surface topography. <i>Engineering Fracture Mechanics</i> , 2020 , 234, 107087	4.2	1
26	In-situ observations of abrasion mechanisms of nonwoven fabric. <i>Wear</i> , 2019 , 432-433, 202945	3.5	1
25	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
24	Ag/a-Si:H/c-Si resistive switching nonvolatile memory devices 2006 ,		1
23	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
22	Effect of power history on pellet-cladding interaction. <i>Nuclear Engineering and Design</i> , 2020 , 358, 110439	3.8	1
21	Porosity Defect Remodeling and Tensile Analysis of Cast Steel. <i>Materials</i> , 2016 , 9,	3.5	1
20	Evolving Thin Polymer Film Driven by Electrostatic Field. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 889, 1		0
19	Theory of Coupled Electrochemistry and Piezoelectricity in a Porous Medium.. <i>Physical Review Letters</i> , 2022 , 128, 068301	7.4	0
18	Modeling electrode-level crack and quantifying its effect on battery performance and impedance. <i>Electrochimica Acta</i> , 2020 , 363, 137197	6.7	0
17	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
16	Mechanistic model for stresses in the oxide layer formed on zirconium alloys. <i>Journal of Thermal Stresses</i> , 2019 , 42, 1071-1082	2.2	
15	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	
14	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	
13	Control morphology of nanostructures with electric field. <i>Applied Physics Letters</i> , 2009 , 95, 073110	3.4	
12	Void Evolution via Coupled Creep and Electromigration in Confined Small Scale Interconnects 2006 , 549		

- 11 Forces that Drive the Self-assembly of Metallic Dots on Semiconductor Substrates. *Materials Research Society Symposia Proceedings*, **2006**, 959, 1
- 10 Electric Field Guided Self-Assembly of Molecules. *Materials Research Society Symposia Proceedings*, **2006**, 947, 1
- 9 Instability Induced by Near-substrate Electric Field. *Materials Research Society Symposia Proceedings*, **2004**, 821, 13
- 8 Self-assembled Patterns in A Polymer Thin Film. *Materials Research Society Symposia Proceedings*, **2004**, 854, U12.4.1
- 7 Stability of multi-component epilayers and nanopattern formation. *Journal of Nanoparticle Research*, **2004**, 6, 495-507 2.3
- 6 Guided Formation of Nanostructures in Thin Films. *Materials Research Society Symposia Proceedings*, **2003**, 795, 94
- 5 Self-organization and Patterning of Multilayers of Molecules. *Materials Research Society Symposia Proceedings*, **2005**, 901, 1
- 4 Simulation of Nanostructure Formation in Thin Polymer Films. *Materials Research Society Symposia Proceedings*, **2005**, 890, 1
- 3 Sparse data machine learning for battery health estimation and optimal design incorporating material characteristics. *Applied Energy*, **2021**, 118165 10.7
- 2 Nanosession: Neuromorphic Concepts 197-206
- 1 Influence of the Turing instability on the motion of domain boundaries. *Physical Review E*, **2020**, 102, 012802 2.4