

Nir S Gov

List of Publications by Year in descending order

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Version: 2024-02-01

157
papers

7,691
citations

53794

45
h-index

66911

78
g-index

172
all docs

172
docs citations

172
times ranked

6987
citing authors

#	ARTICLE	IF	CITATIONS
1	Ants resort to majority concession to reach democratic consensus in the presence of a persistent minority. <i>Current Biology</i> , 2022, 32, 645-653.e8.	3.9	3
2	20S proteasomes secreted by the malaria parasite promote its growth. <i>Nature Communications</i> , 2021, 12, 1172.	12.8	45
3	Chemokine-biased robust self-organizing polarization of migrating cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
4	Modelling cellular spreading and emergence of motility in the presence of curved membrane proteins and active cytoskeleton forces. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	20
5	Local actin dynamics couple speed and persistence in a cellular Potts model of cell migration. <i>Biophysical Journal</i> , 2021, 120, 2609-2622.	0.5	28
6	Sequential Decision-Making in Ants and Implications to the Evidence Accumulation Decision Model. <i>Frontiers in Applied Mathematics and Statistics</i> , 2021, 7, .	1.3	7
7	Are cell jamming and unjamming essential in tissue development?. <i>Cells and Development</i> , 2021, 168, 203727.	1.5	30
8	Spatiotemporal dynamics of animal contests arise from effective forces between contestants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	3
9	The geometry of decision-making in individuals and collectives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
10	Tissue topography steers migrating <i>Drosophila</i> border cells. <i>Science</i> , 2020, 370, 987-990.	12.6	49
11	Pair formation in insect swarms driven by adaptive long-range interactions. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200367.	3.4	2
12	Active Trap Model. <i>Physical Review Letters</i> , 2020, 124, 118002.	7.8	43
13	Excitable solitons: Annihilation, crossover, and nucleation of pulses in mass-conserving activator-inhibitor media. <i>Physical Review E</i> , 2020, 101, 022213.	2.1	6
14	Cell-Substrate Patterns Driven by Curvature-Sensitive Actin Polymerization: Waves and Podosomes. <i>Cells</i> , 2020, 9, 782.	4.1	6
15	Why a Large-Scale Mode Can Be Essential for Understanding Intracellular Actin Waves. <i>Cells</i> , 2020, 9, 1533.	4.1	9
16	Active diffusion in oocytes nonspecifically centers large objects during prophase I and meiosis I. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	33
17	Dynamics and escape of active particles in a harmonic trap. <i>Physical Review Research</i> , 2020, 2, .	3.6	29
18	Similarities between insect swarms and isothermal globular clusters. <i>Physical Review Research</i> , 2020, 2, .	3.6	6

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19	One-dimensional cell motility patterns. <i>Physical Review Research</i> , 2020, 2, .	3.6	40
20	Cell confinement reveals a branched-actin independent circuit for neutrophil polarity. <i>PLoS Biology</i> , 2019, 17, e3000457.	5.6	54
21	Cellular Blebs and Membrane Invaginations Are Coupled through Membrane Tension Buffering. <i>Biophysical Journal</i> , 2019, 117, 1485-1495.	0.5	11
22	Theoretical study of vesicle shapes driven by coupling curved proteins and active cytoskeletal forces. <i>Soft Matter</i> , 2019, 15, 5319-5330.	2.7	51
23	Signatures of motor susceptibility to forces in the dynamics of a tracer particle in an active gel. <i>Physical Review E</i> , 2019, 99, 022419.	2.1	16
24	Cell cluster migration: Connecting experiments with physical models. <i>Seminars in Cell and Developmental Biology</i> , 2019, 93, 77-86.	5.0	9
25	Guided by curvature: shaping cells by coupling curved membrane proteins and cytoskeletal forces. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170115.	4.0	74
26	Spatial Fluctuations at Vertices of Epithelial Layers: Quantification of Regulation by Rho Pathway. <i>Biophysical Journal</i> , 2018, 114, 939-946.	0.5	17
27	Theory of Epithelial Cell Shape Transitions Induced by Mechanoactive Chemical Gradients. <i>Biophysical Journal</i> , 2018, 114, 968-977.	0.5	28
28	Collective conflict resolution in groups on the move. <i>Physical Review E</i> , 2018, 97, 032304.	2.1	17
29	Bi-stability in cooperative transport by ants in the presence of obstacles. <i>PLoS Computational Biology</i> , 2018, 14, e1006068.	3.2	15
30	Living Matter: Mesoscopic Active Materials. <i>Advanced Materials</i> , 2018, 30, e1707028.	21.0	46
31	Frustration-induced phases in migrating cell clusters. <i>Science Advances</i> , 2018, 4, eaar8483.	10.3	32
32	The physics of cooperative transport in groups of ants. <i>Nature Physics</i> , 2018, 14, 683-693.	16.7	113
33	A random first-order transition theory for an active glass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7688-7693.	7.1	63
34	Active Mechanics Reveal Molecular-Scale Force Kinetics in Living Oocytes. <i>Biophysical Journal</i> , 2018, 114, 1667-1679.	0.5	67
35	Tuning of Differential Lipid Order Between Submicrometric Domains and Surrounding Membrane Upon Erythrocyte Reshaping. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2563-2582.	1.6	22
36	Exclusion and Hierarchy of Time Scales Lead to Spatial Segregation of Molecular Motors in Cellular Protrusions. <i>Physical Review Letters</i> , 2017, 118, 018102.	7.8	11

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37	Modeling collective cell migration in geometric confinement. <i>Physical Biology</i> , 2017, 14, 035001.	1.8	26
38	Cytoskeletal connectivity may guide erythrocyte membrane ex- and invagination – A discussion point how biophysical principles might be exploited by a parasite invading erythrocytes. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 65, 78-80.	1.4	3
39	Nonequilibrium mode-coupling theory for dense active systems of self-propelled particles. <i>Soft Matter</i> , 2017, 13, 7609-7616.	2.7	44
40	Generalized Archimedes' principle in active fluids. <i>Physical Review E</i> , 2017, 96, 032606.	2.1	19
41	Stable swarming using adaptive long-range interactions. <i>Physical Review E</i> , 2017, 95, 042405.	2.1	10
42	Forces in inhomogeneous open active-particle systems. <i>Physical Review E</i> , 2017, 96, 052409.	2.1	11
43	Fronts and waves of actin polymerization in a bistability-based mechanism of circular dorsal ruffles. <i>Nature Communications</i> , 2017, 8, 15863.	12.8	38
44	Geometrical Determinants of Neuronal Actin Waves. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 86.	3.7	11
45	Nonequilibrium dissipation in living oocytes. <i>Europhysics Letters</i> , 2016, 116, 30008.	2.0	51
46	Emergent oscillations assist obstacle negotiation during ant cooperative transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14615-14620.	7.1	21
47	Long-range acoustic interactions in insect swarms: an adaptive gravity model. <i>New Journal of Physics</i> , 2016, 18, 073042.	2.9	52
48	Modeling and analysis of collective cell migration in an in vivo three-dimensional environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2134-41.	7.1	63
49	Deterministic patterns in cell motility. <i>Nature Physics</i> , 2016, 12, 1146-1152.	16.7	40
50	Repulsive cues combined with physical barriers and cell-cell adhesion determine progenitor cell positioning during organogenesis. <i>Nature Communications</i> , 2016, 7, 11288.	12.8	38
51	Reaction-diffusion-advection approach to spatially localized treadmilling aggregates of molecular motors. <i>Physica D: Nonlinear Phenomena</i> , 2016, 318-319, 84-90.	2.8	4
52	Equilibrium physics breakdown reveals the active nature of red blood cell flickering. <i>Nature Physics</i> , 2016, 12, 513-519.	16.7	231
53	F-actin mechanics control spindle centring in the mouse zygote. <i>Nature Communications</i> , 2016, 7, 10253.	12.8	75
54	Modeling the dynamics of a tracer particle in an elastic active gel. <i>Physical Review E</i> , 2015, 92, 012716.	2.1	46

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55	Pearling instability of membrane tubes driven by curved proteins and actin polymerization. <i>Physical Biology</i> , 2015, 12, 066022.	1.8	20
56	Self-organization of waves and pulse trains by molecular motors in cellular protrusions. <i>Scientific Reports</i> , 2015, 5, 13521.	3.3	20
57	Activity-driven fluctuations in living cells. <i>Europhysics Letters</i> , 2015, 110, 48005.	2.0	103
58	Dynamics of Actin Waves on Patterned Substrates: A Quantitative Analysis of Circular Dorsal Ruffles. <i>PLoS ONE</i> , 2015, 10, e0115857.	2.5	32
59	A Biophysical Model for the Staircase Geometry of Stereocilia. <i>PLoS ONE</i> , 2015, 10, e0127926.	2.5	6
60	Physics of active jamming during collective cellular motion in a monolayer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15314-15319.	7.1	334
61	Collective Cell Motility Promotes Chemotactic Prowess and Resistance to Chemorepulsion. <i>Current Biology</i> , 2015, 25, 242-250.	3.9	126
62	A narrow window of cortical tension guides asymmetric spindle positioning in the mouse oocyte. <i>Nature Communications</i> , 2015, 6, 6027.	12.8	66
63	Ant groups optimally amplify the effect of transiently informed individuals. <i>Nature Communications</i> , 2015, 6, 7729.	12.8	115
64	Three-ring circus without a ringmaster: Self-organization of supracellular actin ring patterns during epithelial morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8521-8522.	7.1	0
65	Direct Cytoskeleton Forces Cause Membrane Softening in Red Blood Cells. <i>Biophysical Journal</i> , 2015, 108, 2794-2806.	0.5	67
66	Modeling the finger instability in an expanding cell monolayer. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 1218-1227.	1.3	55
67	Actin Flows Mediate a Universal Coupling between Cell Speed and Cell Persistence. <i>Cell</i> , 2015, 161, 374-386.	28.9	369
68	Active diffusion positions the nucleus in mouse oocytes. <i>Nature Cell Biology</i> , 2015, 17, 470-479.	10.3	139
69	Gap geometry dictates epithelial closure efficiency. <i>Nature Communications</i> , 2015, 6, 7683.	12.8	118
70	Regulation of epithelial cell organization by tuning cell-substrate adhesion. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 1228-1241.	1.3	52
71	Propagating Waves of Directionality and Coordination Orchestrate Collective Cell Migration. <i>PLoS Computational Biology</i> , 2014, 10, e1003747.	3.2	43
72	Electrifying movement. <i>Nature Materials</i> , 2014, 13, 331-332.	27.5	5

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73	Tuning the adhesive geometry of neurons: length and polarity control. <i>Soft Matter</i> , 2014, 10, 2381.	2.7	23
74	Dynamics of Active Semiflexible Polymers. <i>Biophysical Journal</i> , 2014, 107, 1065-1073.	0.5	112
75	Membrane-Wrapping Contributions to Malaria Parasite Invasion of the Human Erythrocyte. <i>Biophysical Journal</i> , 2014, 107, 43-54.	0.5	85
76	Physical Model for the Geometry of Actin-Based Cellular Protrusions. <i>Biophysical Journal</i> , 2014, 107, 576-587.	0.5	27
77	Traffic jams and shocks of molecular motors inside cellular protrusions. <i>Physical Review E</i> , 2014, 89, 052703.	2.1	16
78	A soft cortex is essential for asymmetric spindle positioning in mouse oocytes. <i>Nature Cell Biology</i> , 2013, 15, 958-966.	10.3	145
79	Guidance of collective cell migration by substrate geometry. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 1026.	1.3	241
80	Modelling interacting molecular motors with an internal degree of freedom. <i>New Journal of Physics</i> , 2013, 15, 025009.	2.9	43
81	Patterning of Polar Active Filaments on a Tense Cylindrical Membrane. <i>Physical Review Letters</i> , 2013, 110, 168104.	7.8	11
82	Transport dynamics of molecular motors that switch between an active and inactive state. <i>Physical Review E</i> , 2013, 88, 022714.	2.1	24
83	Linking actin networks and cell membrane via a reaction-diffusion-elastic description of nonlinear filopodia initiation. <i>Physical Review E</i> , 2013, 88, 022718.	2.1	19
84	Sarcomeric Pattern Formation by Actin Cluster Coalescence. <i>PLoS Computational Biology</i> , 2012, 8, e1002544.	3.2	28
85	Cylindrical Cellular Geometry Ensures Fidelity of Division Site Placement in Fission Yeast. <i>Journal of Cell Science</i> , 2012, 125, 3850-7.	2.0	35
86	Keep politics out of academia in Israel. <i>Nature</i> , 2012, 488, 281-281.	27.8	0
87	Competition and compensation. <i>Bioarchitecture</i> , 2012, 2, 171-174.	1.5	12
88	FtsZ rings and helices: physical mechanisms for the dynamic alignment of biopolymers in rod-shaped bacteria. <i>Physical Biology</i> , 2012, 9, 016009.	1.8	14
89	Releasing the brakes while hanging on. <i>Bioarchitecture</i> , 2012, 2, 11-14.	1.5	5
90	On the role of membrane anisotropy and BAR proteins in the stability of tubular membrane structures. <i>Journal of Biomechanics</i> , 2012, 45, 231-238.	2.1	44

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91	Lifetime of Major Histocompatibility Complex Class-I Membrane Clusters Is Controlled by the Actin Cytoskeleton. <i>Biophysical Journal</i> , 2012, 102, 1543-1550.	0.5	33
92	Effective Temperature of Red-Blood-Cell Membrane Fluctuations. <i>Physical Review Letters</i> , 2011, 106, 238103.	7.8	125
93	Timing of Z-ring localization in <i>Escherichia coli</i> . <i>Physical Biology</i> , 2011, 8, 066003.	1.8	26
94	Modeling FtsZ ring formation in the bacterial cell—anisotropic aggregation via mutual interactions of polymer rods. <i>Physical Biology</i> , 2011, 8, 026007.	1.8	16
95	Cooperative dynamics. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 370301.	1.8	0
96	Moving under peer pressure. <i>Nature Materials</i> , 2011, 10, 412-414.	27.5	18
97	Cortactin Releases the Brakes in Actin- Based Motility by Enhancing WASP-VCA Detachment from Arp2/3 Branches. <i>Current Biology</i> , 2011, 21, 2092-2097.	3.9	37
98	Membrane-mediated interactions and the dynamics of dynamin oligomers on membrane tubes. <i>New Journal of Physics</i> , 2011, 13, 065008.	2.9	36
99	Metabolic remodeling of the human red blood cell membrane measured by quantitative phase microscopy. , 2011, , .		1
100	The Eps8/IRSp53/VASP Network Differentially Controls Actin Capping and Bundling in Filopodia Formation. <i>PLoS Computational Biology</i> , 2011, 7, e1002088.	3.2	56
101	Theoretical Model for Cellular Shapes Driven by Protrusive and Adhesive Forces. <i>PLoS Computational Biology</i> , 2011, 7, e1001127.	3.2	50
102	Cytoskeletal Reorganization of Red Blood Cell Shape: Curling of Free Edges and Malaria Merozoites. <i>Behavior Research Methods</i> , 2011, 13, 73-102.	4.0	3
103	Propagating Cell-Membrane Waves Driven by Curved Activators of Actin Polymerization. <i>PLoS ONE</i> , 2011, 6, e18635.	2.5	62
104	Physical Model of the Dynamic Instability in an Expanding Cell Culture. <i>Biophysical Journal</i> , 2010, 98, 361-370.	0.5	84
105	Curling and Local Shape Changes of Red Blood Cell Membranes Driven by Cytoskeletal Reorganization. <i>Biophysical Journal</i> , 2010, 99, 808-816.	0.5	43
106	Variation of the Lateral Mobility of Transmembrane Peptides with Hydrophobic Mismatch. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3559-3566.	2.6	34
107	Metabolic remodeling of the human red blood cell membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1289-1294.	7.1	358
108	Chapter 4 Cytoskeletal Control of Red Blood Cell Shape. <i>Behavior Research Methods</i> , 2009, 10, 95-119.	4.0	28

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109	Membrane-mediated interactions drive the condensation and coalescence of FtsZ rings. <i>Physical Biology</i> , 2009, 6, 046017.	1.8	56
110	The complexity of living: when biology meets theory. <i>Conference on Systems Dynamics of Intracellular Communication. EMBO Reports</i> , 2009, 10, 1279-1279.	4.5	0
111	Physical model for the width distribution of axons. <i>European Physical Journal E</i> , 2009, 29, 337-344.	1.6	9
112	Diffusion in a Fluid Membrane with a Flexible Cortical Cytoskeleton. <i>Biophysical Journal</i> , 2009, 96, 818-830.	0.5	33
113	Calcium-Actin Waves and Oscillations of Cellular Membranes. <i>Biophysical Journal</i> , 2009, 97, 1558-1568.	0.5	30
114	Retroviral Assembly and Budding Occur through an Actin-Driven Mechanism. <i>Biophysical Journal</i> , 2009, 97, 2419-2428.	0.5	87
115	Phases of membrane tubules pulled by molecular motors. <i>Soft Matter</i> , 2009, 5, 2431.	2.7	5
116	Traction forces during collective cell motion. <i>HFSP Journal</i> , 2009, 3, 223-227.	2.5	48
117	Thickness distribution of actin bundles in vitro. <i>European Biophysics Journal</i> , 2008, 37, 447-454.	2.2	45
118	Dynamic compartmentalization of protein tyrosine phosphatase receptor Q at the proximal end of stereocilia: Implication of myosin VI-based transport. <i>Cytoskeleton</i> , 2008, 65, 528-538.	4.4	69
119	Effect of short-range forces on the length distribution of fibrous cytoskeletal proteins. <i>Biopolymers</i> , 2008, 89, 711-721.	2.4	16
120	Physical Model of Contractile Ring Initiation in Dividing Cells. <i>Biophysical Journal</i> , 2008, 94, 1155-1168.	0.5	43
121	Protein Localization by Actin Treadmilling and Molecular Motors Regulates Stereocilia Shape and Treadmilling Rate. <i>Biophysical Journal</i> , 2008, 95, 5706-5718.	0.5	49
122	Packing defects and the width of biopolymer bundles. <i>Physical Review E</i> , 2008, 78, 011916.	2.1	23
123	Exciting cytoskeleton-membrane waves. <i>Physical Review E</i> , 2008, 78, 041911.	2.1	16
124	Less is more: removing membrane attachments stiffens the RBC cytoskeleton. <i>New Journal of Physics</i> , 2007, 9, 429-429.	2.9	20
125	Filament networks attached to membranes: cytoskeletal pressure and local bilayer deformation. <i>New Journal of Physics</i> , 2007, 9, 430-430.	2.9	17
126	Theory of the length distribution of tread-milling actin filaments inside bundles. <i>Europhysics Letters</i> , 2007, 77, 68005.	2.0	9

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127	Force Balance and Membrane Shedding at the Red-Blood-Cell Surface. <i>Physical Review Letters</i> , 2007, 98, 018102.	7.8	82
128	Fluctuations of coupled fluid and solid membranes with application to red blood cells. <i>Physical Review E</i> , 2007, 76, 051910.	2.1	56
129	Active elastic network: Cytoskeleton of the red blood cell. <i>Physical Review E</i> , 2007, 75, 011921.	2.1	62
130	Membrane Waves Driven by Actin and Myosin. <i>Physical Review Letters</i> , 2007, 98, 168103.	7.8	80
131	Collective cell migration patterns: Follow the leader. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15970-15971.	7.1	59
132	Phase Transitions of the Coupled Membrane-Cytoskeleton Modify Cellular Shape. <i>Biophysical Journal</i> , 2007, 93, 3798-3810.	0.5	104
133	Morphological Transitions during the Formation of Templated Mesoporous Materials: Theoretical Modeling. <i>Langmuir</i> , 2006, 22, 605-614.	3.5	19
134	Dynamics of Membranes Driven by Actin Polymerization. <i>Biophysical Journal</i> , 2006, 90, 454-469.	0.5	154
135	Modeling the Size Distribution of Focal Adhesions. <i>Biophysical Journal</i> , 2006, 91, 2844-2847.	0.5	29
136	Nonequilibrium membrane fluctuations driven by active proteins. <i>Journal of Chemical Physics</i> , 2006, 124, 074903.	3.0	76
137	Lateral mobility of proteins in liquid membranes revisited. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2098-2102.	7.1	342
138	Dynamics and Morphology of Microvilli Driven by Actin Polymerization. <i>Physical Review Letters</i> , 2006, 97, 018101.	7.8	23
139	Diffusion in curved fluid membranes. <i>Physical Review E</i> , 2006, 73, 041918.	2.1	49
140	Physics of cell elasticity, shape and adhesion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 352, 171-201.	2.6	65
141	Red Blood Cell Shape and Fluctuations: Cytoskeleton Confinement and ATP Activity. <i>Journal of Biological Physics</i> , 2005, 31, 453-464.	1.5	22
142	Red Blood Cell Membrane Fluctuations and Shape Controlled by ATP-Induced Cytoskeletal Defects. <i>Biophysical Journal</i> , 2005, 88, 1859-1874.	0.5	271
143	Membrane Undulations Driven by Force Fluctuations of Active Proteins. <i>Physical Review Letters</i> , 2004, 93, 268104.	7.8	126
144	Topological defects and HCP nucleation in BCC helium. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 382-383.	2.7	0

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145	Spin ordering and coherent atomic motion in bcc solid. Physica B: Condensed Matter, 2003, 329-333, 400-401.	2.7	0
146	Inside a quantum solid. Contemporary Physics, 2003, 44, 145-151.	1.8	13
147	Coherent dipolar correlations in the low-temperature phase of geometrically frustrated $\text{SrCr}_8\text{Ga}_4\text{O}_{19}$. Journal of Physics Condensed Matter, 2002, 14, 6931-6940.	1.8	1
148	Vortex-Loops and Phase Nucleation in Superfluid ^4He and ^3He . Journal of Low Temperature Physics, 2002, 126, 621-625.	1.4	3
149	Correlated Atomic Motion and Spin-Ordering in bcc ^3He . Journal of Low Temperature Physics, 2002, 128, 55-85.	1.4	5
150	Vortex-Loops and Solid Nucleation in Superfluid ^4He and ^3He . Journal of Low Temperature Physics, 2002, 129, 25-42.	1.4	6
151	Quantum Nature of Dislocations in Pure bcc Helium. Journal of Low Temperature Physics, 2001, 125, 143-151.	1.4	1
152	The role of point defects in melting of solid He. Physica B: Condensed Matter, 2000, 280, 142-145.	2.7	1
153	Bcc ^4He as a Coherent Quantum Solid: "Super-Solid"? Journal of Low Temperature Physics, 2000, 121, 731-736.	1.4	1
154	bcc ^4He as a coherent quantum solid. Physical Review B, 2000, 62, 910-918.	3.2	6
155	Unusual Doppler effect in superfluid and nonanalyticity of ^4He - ^3He hydrodynamics. Journal of Low Temperature Physics, 1995, 100, 365-379.	1.4	0
156	Extraordinary sensitivity of the internal Doppler effect in a superfluid ^3He admixture. Physical Review B, 1995, 52, 6739-6768.	3.2	1
157	Unusual Doppler shift of fourth sound in a ^3He - ^4He mixture. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 182, 149-152.	2.1	2