

Peng-Ye Wang

List of Publications by Year in descending order

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151
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#	ARTICLE	IF	CITATIONS
1	Diffusion Behaviors of Integrins in Single Cells Altered by Epithelial to Mesenchymal Transition (Small 5/2022). Small, 2022, 18, .	5.2	0
2	Investigation of the structural and dynamic basis of kinesin dissociation from microtubule by atomistic molecular dynamics simulations. Chinese Physics B, 2022, 31, 058702.	0.7	2
3	Spatiotemporal three-dimensional transport dynamics of endocytic cargos and their physical regulations in cells. IScience, 2022, 25, 104210.	1.9	10
4	H2A mono-ubiquitination differentiates FACT's functions in nucleosome assembly and disassembly. Nucleic Acids Research, 2022, 50, 833-846.	6.5	14
5	Diffusion Behaviors of Integrins in Single Cells Altered by Epithelial to Mesenchymal Transition. Small, 2022, 18, e2106498.	5.2	9
6	Effects of rebinding rate and asymmetry in unbinding rate on cargo transport by multiple kinesin motors. Communications in Theoretical Physics, 2021, 73, 015603.	1.1	2
7	Curaxin-Induced DNA Topology Alterations Trigger the Distinct Binding Response of CTCF and FACT at the Single-Molecule Level. Biochemistry, 2021, 60, 494-499.	1.2	9
8	DNA polymerase Gp90 activities and regulations on strand displacement DNA synthesis revealed at single-molecule level. FASEB Journal, 2021, 35, e21607.	0.2	1
9	Recognition of the inherently unstable H2A nucleosome by Swc2 is a major determinant for unidirectional H2A.Z exchange. Cell Reports, 2021, 35, 109183.	2.9	10
10	Detection and Characterization of Single Cisplatin Adducts on DNA by Nanopore Sequencing. ACS Omega, 2021, 6, 17027-17034.	1.6	4
11	Studies of Conformational Changes of Tubulin Induced by Interaction with Kinesin Using Atomistic Molecular Dynamics Simulations. International Journal of Molecular Sciences, 2021, 22, 6709.	1.8	15
12	Effect of Kinesin-5 Tail Domain on Motor Dynamics for Antiparallel Microtubule Sliding. International Journal of Molecular Sciences, 2021, 22, 7857.	1.8	4
13	All-atom molecular dynamics simulations reveal how kinesin transits from one-head-bound to two-heads-bound state. Proteins: Structure, Function and Bioinformatics, 2020, 88, 545-557.	1.5	20
14	Quasi-Two-Dimensional Diffusion in Adherent Cells Revealed by Three-Dimensional Single Quantum Dot Tracking. Chinese Physics Letters, 2020, 37, 078701.	1.3	11
15	Histone H2A Ubiquitination Reinforces Mechanical Stability and Asymmetry at the Single-Nucleosome Level. Journal of the American Chemical Society, 2020, 142, 3340-3345.	6.6	19
16	Force dependence of unbinding rate of kinesin motor during its processive movement on microtubule. Biophysical Chemistry, 2019, 253, 106216.	1.5	22
17	Dynamics of cooperative cargo transport by two elastically coupled kinesin motors. European Physical Journal E, 2019, 42, 41.	0.7	6
18	Run length distribution of dimerized kinesin-3 molecular motors: comparison with dimeric kinesin-1. Scientific Reports, 2019, 9, 16973.	1.6	14

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19	Force Dependence of Velocity and Run Length of Kinesin-1, Kinesin-2 and Kinesin-5 Family Molecular Motors. <i>Molecules</i> , 2019, 24, 287.	1.7	18
20	A revised worm-like chain model for elasticity of polypeptide chains. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 297-307.	2.4	5
21	Intracellular transport is accelerated in early apoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12118-12123.	3.3	31
22	Effect of Torsion on Cisplatin-Induced DNA Condensation. <i>Chinese Physics Letters</i> , 2018, 35, 118701.	1.3	2
23	Folding Dynamics of Parallel and Antiparallel G-Triplexes under the Influence of Proximal DNA. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9499-9506.	1.2	16
24	Dissection of structural dynamics of chromatin fibers by single-molecule magnetic tweezers. <i>Biophysics Reports</i> , 2018, 4, 222-232.	0.2	5
25	Interaction between human telomeric G-quadruplexes characterized by single molecule magnetic tweezers. <i>Chinese Physics B</i> , 2018, 27, 068701.	0.7	3
26	Processivity of dimeric kinesin molecular motors. <i>FEBS Open Bio</i> , 2018, 8, 1332-1351.	1.0	25
27	Active transport of cytoophidia in <i>Schizosaccharomyces pombe</i> . <i>FASEB Journal</i> , 2018, 32, 5891-5898.	0.2	22
28	Functions of FACT in Breaking the Nucleosome and Maintaining Its Integrity at the Single-Nucleosome Level. <i>Molecular Cell</i> , 2018, 71, 284-293.e4.	4.5	87
29	Investigating role of conformational changes of microtubule in regulating its binding affinity to kinesin by all-atom molecular dynamics simulation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 1127-1139.	1.5	25
30	A model of processive movement of dimeric kinesin. <i>Journal of Theoretical Biology</i> , 2017, 414, 62-75.	0.8	38
31	Dynamics of bridge helix bending in RNA polymerase II. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 614-629.	1.5	4
32	Effects of monovalent cations on folding kinetics of G-quadruplexes. <i>Bioscience Reports</i> , 2017, 37, .	1.1	32
33	An intermediate state of T7 RNA polymerase provides another pathway of nucleotide selection. <i>Chinese Physics B</i> , 2017, 26, 100203.	0.7	1
34	Involvement of G-triplex and G-hairpin in the multi-pathway folding of human telomeric G-quadruplex. <i>Nucleic Acids Research</i> , 2017, 45, 11401-11412.	6.5	67
35	Dynamics of dimeric kinesins: Limping, effect of longitudinal force, effects of neck linker extension and mutation, and comparison between kinesin-1 and kinesin-2. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1126-1137.	3.6	16
36	Helicase activity and substrate specificity of RecQ5 $\hat{1}$ ² . <i>Chinese Physics B</i> , 2017, 26, 068701.	0.7	1

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37	Brownian ratchet mechanism of translocation in T7 RNA polymerase facilitated by a post-translocation energy bias arising from the conformational change of the enzyme. Chinese Physics B, 2017, 26, 030201.	0.7	4
38	Data on dynamic study of cytoophidia in Saccharomyces cerevisiae. Data in Brief, 2016, 8, 40-44.	0.5	6
39	Filamentation of Metabolic Enzymes in Saccharomyces cerevisiae. Journal of Genetics and Genomics, 2016, 43, 393-404.	1.7	94
40	Folding Kinetics of Single Human Telomeric G-Quadruplex Affected by Cisplatin. ACS Omega, 2016, 1, 244-250.	1.6	10
41	FACT Remodels the Tetranucleosomal Unit of Chromatin Fibers for Gene Transcription. Molecular Cell, 2016, 64, 120-133.	4.5	74
42	Optimal numbers of residues in linkers of DNA polymerase I, T7 primase and DNA polymerase IV. Scientific Reports, 2016, 6, 29125.	1.6	2
43	Complex kinetics of DNA condensation revealed through DNA twist tracing. Physical Review E, 2015, 92, 022707.	0.8	7
44	A model for chromosome organization during the cell cycle in live E. coli. Scientific Reports, 2015, 5, 17133.	1.6	8
45	Catch-bond behavior of DNA condensate under tension. Chinese Physics B, 2015, 24, 128704.	0.7	2
46	Configuration Transitions of Free Circular DNA System Induced by Nicks. Journal of Nanomaterials, 2015, 2015, 1-7.	1.5	1
47	Mapping Intracellular Diffusion Distribution Using Single Quantum Dot Tracking: Compartmentalized Diffusion Defined by Endoplasmic Reticulum. Journal of the American Chemical Society, 2015, 137, 436-444.	6.6	60
48	Revealing Three Stages of DNA-Cisplatin Reaction by a Solid-State Nanopore. Scientific Reports, 2015, 5, 11868.	1.6	12
49	Effects of oxaliplatin on DNA condensation. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2114-2120.	2.0	2
50	Interaction Study between DNA and Histone Proteins on Single-molecule Level using Atomic Force Microscopy. Chinese Journal of Chemical Physics, 2014, 27, 115-120.	0.6	1
51	Effects of pH on Oxaliplatin-Induced Condensation of Single DNA Molecules. Chinese Physics Letters, 2014, 31, 028701.	1.3	5
52	Condensations of single DNA molecules induced by heptaplatin and its chiral isomer. AIP Advances, 2014, 4, .	0.6	2
53	Local conformation transitions of linear DNA induced by cisplatin. Science Bulletin, 2014, 59, 3085-3089.	1.7	7
54	Transplatin enhances effect of cisplatin on both single DNA molecules and live tumor cells. Archives of Biochemistry and Biophysics, 2013, 536, 12-24.	1.4	12

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55	Direct Measurement of Sequential Folding Pathway and Energy Landscape of Human Telomeric G-quadruplex Structures. <i>Journal of the American Chemical Society</i> , 2013, 135, 6423-6426.	6.6	93
56	Quantitative analysis of the flexibility effect of cisplatin on circular DNA. <i>Physical Review E</i> , 2013, 88, 042703.	0.8	5
57	Oxaliplatin and Its Enantiomer Induce Different Condensation Dynamics of Single DNA Molecules. <i>PLoS ONE</i> , 2013, 8, e71556.	1.1	18
58	Elastic response and length change of single DNA molecules induced by a combination of cisplatin and transplatin. <i>Physical Review E</i> , 2012, 85, 021918.	0.8	17
59	Multimeric BLM is dissociated upon ATP hydrolysis and functions as monomers in resolving DNA structures. <i>Nucleic Acids Research</i> , 2012, 40, 9802-9814.	6.5	31
60	Impact of DNA Twist Accumulation on Progressive Helical Wrapping of Torsionally Constrained DNA. <i>Physical Review Letters</i> , 2012, 109, 218102.	2.9	21
61	Studying the interaction between gyrase and DNA using magnetic tweezers. <i>Science Bulletin</i> , 2012, 57, 3560-3566.	1.7	0
62	Effects of Paclitaxel on EGFR Endocytic Trafficking Revealed Using Quantum Dot Tracking in Single Cells. <i>PLoS ONE</i> , 2012, 7, e45465.	1.1	46
63	Kinetic study of the DNA annealing properties of RECQ5 ^{Δ2} helicase. <i>Science Bulletin</i> , 2012, 57, 1280-1287.	1.7	1
64	Are Coiled-Coils of Dimeric Kinesins Unwound during Their Walking on Microtubule?. <i>PLoS ONE</i> , 2012, 7, e36071.	1.1	10
65	Selectivity and temperature dependence of phase and phase transition in diblock copolymer solution. <i>European Physical Journal E</i> , 2011, 34, 43.	0.7	2
66	Monitoring the binding of metal cations and histones to DNA in real time using fluorescence assays. <i>Science Bulletin</i> , 2011, 56, 1080-1085.	1.7	2
67	Study of the interaction of DNA and histones by spin-stretching and droplet evaporation. <i>Science Bulletin</i> , 2011, 56, 1234-1240.	1.7	6
68	Deactivation of A549 cancer cells in vitro by a dielectric barrier discharge plasma needle. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	38
69	Dielectric barrier discharge plasma in Ar/O ₂ promoting apoptosis behavior in A549 cancer cells. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	49
70	Effect of Cisplatin on the Flexibility of Linear DNA. <i>Chinese Physics Letters</i> , 2011, 28, 068702.	1.3	7
71	Mutual Inhibition of RecQ Molecules in DNA Unwinding. <i>Journal of Biological Chemistry</i> , 2010, 285, 15884-15893.	1.6	6
72	Kinetic Mechanism of DNA Unwinding by the BLM Helicase Core and Molecular Basis for Its Low Processivity. <i>Biochemistry</i> , 2010, 49, 656-668.	1.2	25

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73	Cisplatin induces loop structures and condensation of single DNA molecules. <i>Nucleic Acids Research</i> , 2009, 37, 1400-1410.	6.5	100
74	EFFECT OF ELECTRON CORRELATION AND SOLVENT ON THE CONFORMATIONAL TRANSITION OF DNA. <i>Modern Physics Letters B</i> , 2009, 23, 1861-1870.	1.0	0
75	Circadian KaiC Phosphorylation: A Multi-Layer Network. <i>PLoS Computational Biology</i> , 2009, 5, e1000568.	1.5	9
76	Spherical/gyroid phase diagram of the diblock copolymer in the median selective solvent. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2009, 52, 518-523.	0.2	2
77	Spermidine-induced two-dimensional DNA condensations on mica surfaces: A different pathway from condensations in solution. <i>Science Bulletin</i> , 2009, 54, 2425-2433.	1.7	5
78	Structure of the formate transporter FocA reveals a pentameric aquaporin-like channel. <i>Nature</i> , 2009, 462, 467-472.	13.7	148
79	Forces-induced pinpoint denaturation of short DNA. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 137-140.	1.0	3
80	Formation of DNA toroids inside confined droplets adsorbed on mica surfaces. <i>Physical Review E</i> , 2009, 79, 051912.	0.8	3
81	Dynamic simulation of the effect of calcium-release activated calcium channel on cytoplasmic Ca ²⁺ oscillation. <i>Biophysical Chemistry</i> , 2008, 136, 87-95.	1.5	17
82	Evidence for a functional dimeric form of the PcrA helicase in DNA unwinding. <i>Nucleic Acids Research</i> , 2008, 36, 1976-1989.	6.5	48
83	The zinc-binding motif of human RECQ5 ^{Δ2} suppresses the intrinsic strand-annealing activity of its DExH helicase domain and is essential for the helicase activity of the enzyme. <i>Biochemical Journal</i> , 2008, 412, 425-433.	1.7	32
84	Structural and functional analyses of disease-causing missense mutations in Bloom syndrome protein. <i>Nucleic Acids Research</i> , 2007, 35, 6297-6310.	6.5	44
85	Brownian dynamics simulation of the effect of histone modification on nucleosome structure. <i>Physical Review E</i> , 2007, 75, 051915.	0.8	4
86	The arginine finger of the Bloom syndrome protein: its structural organization and its role in energy coupling. <i>Nucleic Acids Research</i> , 2007, 35, 6029-6041.	6.5	16
87	Limping of Homodimeric Kinesin Motors. <i>Journal of Molecular Biology</i> , 2007, 366, 976-985.	2.0	15
88	Processivity of single-headed kinesin motors. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 1418-1427.	0.5	16
89	Molecular dynamics study of the fibril elongation of the prion protein fragment PrP106-126. <i>Journal of Theoretical Biology</i> , 2007, 245, 238-242.	0.8	2
90	Study the effects of divalent metallic ions on the combination of DNA and histones with fluorescence anisotropy assays. <i>Science Bulletin</i> , 2007, 52, 1166-1171.	1.7	2

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91	Model for Unidirectional Movement of Axonemal and Cytoplasmic Dynein Molecules. <i>Acta Biochimica Et Biophysica Sinica</i> , 2006, 38, 711-724.	0.9	7
92	A hand-over-hand diffusing model for myosin-VI molecular motors. <i>Biophysical Chemistry</i> , 2006, 122, 90-100.	1.5	8
93	Mechanochemical couplings of kinesin motors. <i>Biophysical Chemistry</i> , 2006, 123, 58-76.	1.5	10
94	A model for biased diffusion of collagenase along collagen fibrils. <i>Journal of Theoretical Biology</i> , 2006, 243, 322-327.	0.8	5
95	Manipulating DNA molecules in nanofluidic channels. <i>Microfluidics and Nanofluidics</i> , 2006, 2, 85-88.	1.0	47
96	Model for kinetics of wild-type and mutant kinesins. <i>BioSystems</i> , 2006, 84, 24-38.	0.9	9
97	Model for kinetics of myosin-V molecular motors. <i>Biophysical Chemistry</i> , 2006, 120, 225-236.	1.5	11
98	Brownian dynamics simulation of directional sliding of histone octamers caused by DNA bending. <i>Physical Review E</i> , 2006, 73, 051909.	0.8	10
99	<i>Escherichia coli</i> RecQ Is a Rapid, Efficient, and Monomeric Helicase. <i>Journal of Biological Chemistry</i> , 2006, 281, 12655-12663.	1.6	62
100	Molecular Dynamical Simulations of Point Mutation Occurring at the 198-th Site of Prion Protein. <i>Journal of Computational and Theoretical Nanoscience</i> , 2006, 3, 964-969.	0.4	5
101	The histone octamer influences the wrapping direction of DNA on it: Brownian dynamics simulation of the nucleosome chirality. <i>Journal of Theoretical Biology</i> , 2005, 235, 365-372.	0.8	10
102	Direct visualization of RecQ helicase-DNA interaction with fluorescence microscopy and atomic force microscopy. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 842-847.	2.8	2
103	RecQ Helicase-catalyzed DNA Unwinding Detected by Fluorescence Resonance Energy Transfer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2005, 37, 593-600.	0.9	13
104	Study the effects of metallic ions on the combination of DNA and histones with molecular combing technique. <i>Science Bulletin</i> , 2005, 50, 731-737.	1.7	6
105	Study the effect of metallic ions on the combination of DNA and histones with molecular combing technique. <i>Science Bulletin</i> , 2005, 50, 731.	1.7	1
106	Ionic effect on combing of single DNA molecules and observation of their force-induced melting by fluorescence microscopy. <i>Journal of Chemical Physics</i> , 2004, 121, 4302-4309.	1.2	30
107	The DNA Binding Properties of the <i>Escherichia coli</i> RecQ Helicase. <i>Journal of Biological Chemistry</i> , 2004, 279, 6354-6363.	1.6	48
108	The Zinc Finger Motif of <i>Escherichia coli</i> RecQ Is Implicated in Both DNA Binding and Protein Folding. <i>Journal of Biological Chemistry</i> , 2004, 279, 42794-42802.	1.6	50

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109	Brownian dynamics simulation of nucleosome formation and disruption under stretching. <i>Journal of Theoretical Biology</i> , 2004, 230, 375-383.	0.8	10
110	Excitability and pattern formation in a liquid crystal Fabry-Pérot interferometer. <i>Optics Communications</i> , 2001, 189, 127-134.	1.0	4
111	Electric-field-induced frequency shift and temporal instability in a self-pumped phase conjugator using BaTiO ₃ . <i>Optics Communications</i> , 2000, 177, 413-416.	1.0	0
112	Eliminating spatiotemporal chaos and spiral waves by weak spatial perturbations. <i>Physical Review E</i> , 2000, 61, 5120-5123.	0.8	52
113	Stabilization of unstable steady states in photorefractive phase conjugators. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000, 17, 1004.	0.9	2
114	Origin of frequency shift and temporal instability in photorefractive self-pumped phase conjugators. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000, 17, 1182.	0.9	1
115	Wanget al.Reply:. <i>Physical Review Letters</i> , 1999, 82, 2407-2407.	2.9	1
116	Frequency shifts and dynamic instabilities in photorefractive self-pumped and mutually pumped phase conjugation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1999, 16, 420.	0.9	6
117	Selecting optical patterns with spatial phase modulation. <i>Optics Letters</i> , 1999, 24, 1118.	1.7	18
118	Experimental evidence of selection and stabilization of spatial patterns in a CO ₂ laser by means of spatial perturbations. <i>Optics Communications</i> , 1998, 154, 307-312.	1.0	22
119	Vectorial equations and polarization characteristics of pulsed lasers. <i>IEEE Journal of Quantum Electronics</i> , 1998, 34, 1135-1141.	1.0	6
120	First-Passage-Time Distributions of the Fredericksz Transition in Nematic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 319, 1-17.	0.3	0
121	Backward beam fanning in photorefractive crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 1521.	0.9	1
122	Effect of random volume scattering on image amplification and beam fanning in photorefractive materials. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 1889.	0.9	1
123	Measurement of spatial fidelity in photorefractive image amplification with an applied electric field. <i>Journal Physics D: Applied Physics</i> , 1998, 31, 172-176.	1.3	1
124	Bifurcations of hexagonal patterns stabilized and selected with spatial perturbations in a wide-aperture laser. <i>Quantum and Semiclassical Optics: Journal of the European Optical Society Part B</i> , 1998, 10, 803-808.	1.0	9
125	Stabilization, Selection, and Tracking of Unstable Patterns by Weak Spatial Perturbations. <i>Physical Review Letters</i> , 1998, 80, 4669-4672.	2.9	27
126	Numerical Studies of Signal Amplification in a BaTiO ₃ :Ce Crystal with an Applied Electric Field. <i>Journal of Nonlinear Optical Physics and Materials</i> , 1997, 06, 349-360.	1.1	0

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127	Temporal behavior and instabilities of the self-pumped phase conjugation in photorefractive crystals. Physical Review A, 1997, 56, 936-943.	1.0	5
128	Self-pumped phase conjugation in photorefractive crystals: Reflectivity and spatial fidelity. Physical Review A, 1997, 55, 3092-3100.	1.0	13
129	Transient Statistics of the Freedericksz Transition in Nematic Liquid Crystals. Molecular Crystals and Liquid Crystals, 1997, 302, 397-402.	0.3	0
130	Spatial fidelity of externally pumped phase conjugation in photorefractive crystals. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 852.	0.9	2
131	Global stability and oscillation properties of a two-level model for a class-B laser with feedback. Optics Communications, 1997, 138, 325-329.	1.0	6
132	Spatial fidelity of image amplification in photorefractive crystals. Applied Optics, 1996, 35, 7102.	2.1	4
133	Observation of transverse spatial modulation in probe-pump configurations in BaTiO ₃ :Ce. Optics Communications, 1996, 126, 255-259.	1.0	1
134	Numerical studies of externally pumped phase conjugation in photorefractive crystals with applied electric fields. Optics Communications, 1996, 130, 302-306.	1.0	4
135	The Observation of Optical Vortices in the Thermal Rayleigh Scattering Field of a Liquid Crystal Film. Molecular Crystals and Liquid Crystals, 1995, 261, 143-145.	0.3	1
136	Bit correlation and memory effects in high-speed pump modulation of a fiber laser. IEEE Journal of Quantum Electronics, 1994, 30, 1058-1074.	1.0	4
137	Vector phase conjugation by degenerate four-wave mixing in a nematic liquid crystal film. Optics Communications, 1993, 104, 129-131.	1.0	4
138	Role of Population Noise on the Transient Statistics of a CO ₂ Laser near Threshold. Europhysics Letters, 1993, 21, 735-740.	0.7	5
139	Two-peak passage-time distributions in transient CO ₂ lasers near threshold. Physical Review A, 1992, 46, 5874-5878.	1.0	11
140	Analysis of the dynamical behavior of a Q-switched CO ₂ laser: the linear and the nonlinear regime. Optics Communications, 1992, 91, 444-452.	1.0	40
141	Dynamic behavior of the optogalvanic effect in a CO ₂ laser. Optics Letters, 1991, 16, 1040.	1.7	8
142	Thermodynamic treatment of the optogalvanic effect in a CO ₂ laser. Optics Communications, 1991, 83, 327-330.	1.0	1
143	Onset of subcritical bifurcation in a CO ₂ laser with feedback. Optics Communications, 1990, 80, 42-46.	1.0	7
144	Optically induced frequency locking of a nematic liquid crystal in a Fabry-Pérot interferometer. Physical Review A, 1990, 41, 3250-3257.	1.0	7

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145	Self-focusing and self-trapping in new types of Kerr media with large nonlinearities. Optics Letters, 1989, 14, 695.	1.7	60
146	Laser-heating-induced self-phase modulation, phase transition, and bistability in nematic liquid crystals. Optics Letters, 1988, 13, 479.	1.7	17
147	CHAOS IN LIQUID CRYSTAL OPTICAL BISTABILITY. Series on Directions in Condensed Matter Physics, 1988, , 46-89.	0.1	4
148	Feedback-induced first-order Freedericksz transition in a nematic film. Optics Letters, 1987, 12, 654.	1.7	12
149	Energy transfer in Sr _{0.56} Ba _{0.44} Nb ₂ O ₆ :Ce AT 633 nm. Optics Communications, 1987, 64, 81-84.	1.0	9
150	Bifurcation and chaos in an optically bistable liquid-crystal device. Journal of the Optical Society of America B: Optical Physics, 1986, 3, 231.	0.9	13
151	The split bifurcation in optical bistability. Optics Communications, 1986, 57, 207-211.	1.0	0