

# Anderson localization of light

Nature Photonics

7, 197-204

DOI: [10.1038/nphoton.2013.30](https://doi.org/10.1038/nphoton.2013.30)

Citation Report

#	ARTICLE	IF	CITATIONS
3	Strongly coupled slow-light polaritons in one-dimensional disordered localized states. Scientific Reports, 2013, 3, 1994.	1.6	22
4	Topological equivalence of crystal and quasicrystal band structures. Physical Review B, 2013, 88, .	1.1	60
5	Inelastic scattering puts in question recent claims of Anderson localization of light. Nature Photonics, 2013, 7, 934-935.	15.6	15
6	Inelastic scattering puts in question recent claims of Anderson localization of light. Nature Photonics, 2013, 7, 934-934.	15.6	34
7	Anderson localization of light with topological dislocations. Physical Review A, 2013, 88, .	1.0	12
8	Transport in weak dynamic disorder: A unified theory. Physical Review E, 2013, 88, 052140.	0.8	0
9	Nonlinear Wave Transport in Disordered Photonic Crystal Waveguides. , 2013, , .		0
10	Purely nonlinear disorder-induced localizations and their parametric amplification. Optics Letters, 2013, 38, 5276.	1.7	4
11	Transition from nonresonant to resonant random lasers by the geometrical confinement of disorder. Optics Letters, 2013, 38, 5043.	1.7	23
12	Omnidirectional reflection from generalized Fibonacci quasicrystals. Optics Express, 2013, 21, 30039.	1.7	12
13	Linearly polarized emission from random lasers with anisotropically amplifying media. Optics Express, 2013, 21, 31591.	1.7	8
14	Light propagation management by disorder and nonlinearity in one-dimensional photonic lattices. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2340.	0.9	10
15	Three-Dimensional Anderson Localization in Variable Scale Disorder. Physical Review Letters, 2013, 111, 145303.	2.9	37
16	Flat band states: Disorder and nonlinearity. Physical Review B, 2013, 88, .	1.1	100
17	Delay of Light in an Optical Bottle Resonator with Nanoscale Radius Variation: Dispersionless, Broadband, and Low Loss. Physical Review Letters, 2013, 111, 163901.	2.9	96
18	Nonlinear complex photonic structures. , 2013, , .		0
19	Reduced symmetry and analogy to chirality in periodic dielectric media. Journal of the European Optical Society-Rapid Publications, 0, 9, .	0.9	21
20	CONTROLLED LOCALIZED EIGENMODES IN PSEUDO-RANDOM MULTILAYER ELECTRON WAVEGUIDES. International Journal of Modern Physics B, 2014, 28, 1350192.	1.0	1

#	ARTICLE	IF	CITATIONS
21	Two-dimensional discrete Anderson localization in waveguide matrix. Journal of Nonlinear Optical Physics and Materials, 2014, 23, 1450033.	1.1	7
22	Higher-order solitons in amplitude-disordered waveguide arrays. Chinese Physics B, 2014, 23, 104213.	0.7	0
23	Small-world networks of optical fiber lattices. Journal of Optics (United Kingdom), 2014, 16, 102003.	1.0	6
24	Spatio-temporal hybrid Anderson localization. Europhysics Letters, 2014, 108, 64002.	0.7	1
25	Analysis on the Light-Extraction Efficiency of GaN-Based Light-Emitting Diodes With Deep-Hole Amorphous Photonic Crystals Structures. Journal of Display Technology, 2014, 10, 1070-1077.	1.3	4
26	Probing Anderson localization of light by weak non-linear effects. New Journal of Physics, 2014, 16, 112001.	1.2	7
27	Anderson Wall and Bloch Oscillations in Molecular Rotation. Physical Review Letters, 2014, 113, 043002.	2.9	29
28	Disorder-induced transparency in a one-dimensional waveguide side coupled with optical cavities. Journal of Applied Physics, 2014, 115, .	1.1	1
29	Design of a photonic lattice using shortcuts to adiabaticity. Physical Review A, 2014, 90, .	1.0	26
30	Intermittency in Integrable Turbulence. Physical Review Letters, 2014, 113, 113902.	2.9	68
31	Sub-Doppler resonances in the backscattered light from random porous media infused with Rb vapor. Physical Review A, 2014, 89, .	1.0	8
32	Nonlinear atomic spectroscopy inside a random porous medium. Physical Review A, 2014, 90, .	1.0	2
33	Strongly localized moving discrete dissipative breather-solitons in Kerr nonlinear media supported by intrinsic gain. Physical Review E, 2014, 89, 042912.	0.8	15
34	Beyond Anderson Localization in 1D: Anomalous Localization of Microwaves in Random Waveguides. Physical Review Letters, 2014, 113, 233901.	2.9	30
35	Subwavelength Multilayer Dielectrics: Ultrasensitive Transmission and Breakdown of Effective-Medium Theory. Physical Review Letters, 2014, 113, 243901.	2.9	56
36	Probing the effect of interaction in Anderson localization using linear photonic lattices. Physical Review A, 2014, 89, .	1.0	17
37	Retroreflection of light from nanoporous InP: correlation with high absorption. Applied Physics A: Materials Science and Processing, 2014, 117, 467-470.	1.1	11
38	Higher order processes in random Raman lasing. Applied Physics A: Materials Science and Processing, 2014, 117, 681-685.	1.1	15

#	ARTICLE	IF	CITATIONS
39	Optical wave turbulence: Towards a unified nonequilibrium thermodynamic formulation of statistical nonlinear optics. <i>Physics Reports</i> , 2014, 542, 1-132.	10.3	208
40	Tunable transport with broken space-time symmetries. <i>Physics Reports</i> , 2014, 538, 77-120.	10.3	124
41	Transverse Mode Localization in Three-Dimensional Deterministic Aperiodic Structures. <i>Advanced Optical Materials</i> , 2014, 2, 226-230.	3.6	15
42	Localizing light with electrons. <i>Nature Nanotechnology</i> , 2014, 9, 335-336.	15.6	5
43	One-dimensional quantum walks with single-point phase defects. <i>Physical Review A</i> , 2014, 89, .	1.0	38
44	Beam steering and topological transformations driven by interactions between a discrete vortex soliton and a discrete fundamental soliton. <i>Physical Review A</i> , 2014, 89, .	1.0	7
45	Control of light propagation in one-dimensional quasi-periodic nonlinear photonic lattices. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 025201.	1.0	6
46	Superfluid light in bulk nonlinear media. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2014, 470, 20140320.	1.0	47
47	A quantum dynamics approach to spectral analysis in small-world complex networks. , 2014, , .		1
48	Phonon Localization by Mass Disorder in Dense Hydrogen-Deuterium Binary Alloy. <i>Physical Review Letters</i> , 2014, 113, 175501.	2.9	41
49	Emulating weak localization using a solid-state quantum circuit. <i>Nature Communications</i> , 2014, 5, 5184.	5.8	30
50	Interference of identical particles from entanglement to boson-sampling. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 103001.	0.6	65
51	Nanoparticles Heat through Light Localization. <i>Nano Letters</i> , 2014, 14, 4640-4645.	4.5	379
52	Photon transport and localization in optical superlattices. , 2014, , .		0
53	Network models of photonic Floquet topological insulators. <i>Physical Review B</i> , 2014, 89, .	1.1	109
54	Two-dimensional quantum walk with position-dependent phase defects. <i>Quantum Information Processing</i> , 2014, 13, 1825-1839.	1.0	12
55	Topologically Robust Transport of Photons in a Synthetic Gauge Field. <i>Physical Review Letters</i> , 2014, 113, 087403.	2.9	214
56	Disordered surface gap solitons. <i>Physical Review A</i> , 2014, 89, .	1.0	3

#	ARTICLE	IF	CITATIONS
57	Supersymmetric laser arrays. <i>Physical Review A</i> , 2015, 92, .	1.0	56
58	Atom-optics approach to studying transport phenomena. <i>Physical Review A</i> , 2015, 92, .	1.0	61
59	Anderson localization of light in disordered superlattices containing graphene layers. <i>Physical Review B</i> , 2015, 92, .	1.1	9
60	Anderson transition and multifractals in the spectrum of the Dirac operator of quantum chromodynamics at high temperature. <i>Physical Review D</i> , 2015, 92, .	1.6	21
61	Stochastic approach to the generalized Schrödinger equation: A method of eigenfunction expansion. <i>Physical Review E</i> , 2015, 91, 052146.	0.8	5
62	Localized modes in nonlinear binary kagome ribbons. <i>Physical Review E</i> , 2015, 92, 052916.	0.8	17
63	Observation of Bloch Oscillations in Molecular Rotation. <i>Physical Review Letters</i> , 2015, 115, 203002.	2.9	31
64	Optical Mode Control by Geometric Phase in Quasicrystal Metasurface. <i>Physical Review Letters</i> , 2015, 115, 205501.	2.9	26
65	Anderson localization in optical lattices with correlated disorder. <i>Physical Review A</i> , 2015, 92, .	1.0	20
66	Finite-size scaling and multifractality at the Anderson transition for the three Wigner-Dyson symmetry classes in three dimensions. <i>Physical Review B</i> , 2015, 91, .	1.1	34
67	Ensemble-Averaged Quantum Correlations between Path-Entangled Photons Undergoing Anderson Localization. <i>Physical Review Letters</i> , 2015, 115, 133602.	2.9	24
68	Anderson attractors in active arrays. <i>Scientific Reports</i> , 2015, 5, 13263.	1.6	7
69	Localization attractors in active quasiperiodic arrays. <i>JETP Letters</i> , 2015, 102, 603-609.	0.4	3
70	Structural disorder correlation examined using the Fourier-Bessel technique. <i>Optics Communications</i> , 2015, 355, 504-515.	1.0	4
71	Shape, orientation and magnitude of the curl quantum flux, the coherence and the statistical correlations in energy transport at nonequilibrium steady state. <i>New Journal of Physics</i> , 2015, 17, 093021.	1.2	7
72	Quantum optics as a tool for photonic lattice design. <i>Physica Scripta</i> , 2015, 90, 068014.	1.2	16
73	Disorder-induced light trapping enhanced by pulse collisions in one-dimensional nonlinear photonic crystals. <i>Optics Communications</i> , 2015, 353, 56-62.	1.0	2
74	Localization without recurrence and pseudo-Bloch oscillations in optics. <i>Optics Letters</i> , 2015, 40, 4707.	1.7	3

#	ARTICLE	IF	CITATIONS
75	Penrose type graded photonic quasi-crystal for light manipulation. , 2015, , .		1
76	Atomically thin spherical shell-shaped superscatterers based on a Bohr model. Nanotechnology, 2015, 26, 505201.	1.3	23
77	Disordered quantum walks in two-dimensional lattices. Chinese Physics B, 2015, 24, 010303.	0.7	7
78	Disorder-induced Purcell enhancement in nanoparticle chains. Physical Review A, 2015, 91, .	1.0	15
79	Observation of weak localization of light in gold nanofluids synthesized using the marine derived fungus <i>Aspergillus niger</i> . RSC Advances, 2015, 5, 16780-16784.	1.7	4
80	Pseudo-two-dimensional random dimer lattices. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 988-991.	0.9	4
81	Experimental and Theoretical Investigation of Macro-Periodic and Micro-Random Nanostructures with Simultaneously Spatial Translational Symmetry and Long-Range Order Breaking. Scientific Reports, 2015, 5, 7876.	1.6	10
82	Interplay of disorder and $PT$ symmetry in one-dimensional optical lattices. Physical Review A, 2015, 91, .	1.0	34
83	Dynamic versus Anderson wave-packet localization. Physical Review A, 2015, 91, .	1.0	4
84	Solitary vortices in two-dimensional waveguide matrix. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550012.	1.1	6
85	Localization-delocalization transition in self-dual quasi-periodic lattices. Europhysics Letters, 2015, 110, 57003.	0.7	20
86	Optical properties of one-dimensional disordered multilayer photonic structures. , 2015, , .		3
87	Analytical solution for the $L^{\infty}$ -like steady-state distribution of intensities in random lasers. Physical Review A, 2015, 91, .	1.0	39
88	Three-Dimensional Dynamic Localization of Light from a Time-Dependent Effective Gauge Field for Photons. Physical Review Letters, 2015, 114, 243901.	2.9	36
89	Periodic transmission peaks in non-periodic disordered one-dimensional photonic structures. Optical Materials, 2015, 44, 54-57.	1.7	4
90	Variable frequency photonic crystals. Optical and Quantum Electronics, 2015, 47, 2853-2865.	1.5	0
91	High-density waveguide superlattices with low crosstalk. Nature Communications, 2015, 6, 7027.	5.8	116
92	Anderson localization of multichannel excitations in disordered two-dimensional waveguide arrays. Europhysics Letters, 2015, 109, 54001.	0.7	0

#	ARTICLE	IF	CITATIONS
93	Multiple Wavefront Shaping by Metasurface Based on Mixed Random Antenna Groups. ACS Photonics, 2015, 2, 661-667.	3.2	84
94	Correlated disorder: a novel approach to filter design. Journal of Optics (United Kingdom), 2015, 17, 055001.	1.0	2
95	Modal analysis in 2D media with variable disorder. Optics Express, 2015, 23, 3681.	1.7	7
96	Discrete Anderson speckle. Optica, 2015, 2, 201.	4.8	15
97	A photonic thermalization gap in disordered lattices. Nature Physics, 2015, 11, 930-935.	6.5	32
98	Anderson localization in a partially random Bragg grating and a conserved area theorem. Optics Letters, 2015, 40, 3603.	1.7	9
99	Analysis of mid-infrared lasing in active random media. Optics Express, 2015, 23, 12286.	1.7	5
100	Asymmetric transmission and optical low-pass filtering in a stack of random media with graded transport mean free path. Optical Materials, 2015, 49, 15-20.	1.7	2
101	Transverse Anderson localization of light: a tutorial. Advances in Optics and Photonics, 2015, 7, 459.	12.1	72
102	Modes analysis in random structures varying the disorder magnitude. , 2015, , .		0
103	All-optical diode realized by one-dimensional waveguide array. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550022.	1.1	12
104	Plasmonic nanopillar coupled two-dimensional random medium for broadband light trapping and harvesting. Journal of Nanophotonics, 2015, 9, 093061.	0.4	8
105	Simulating the coherent light propagation in a random scattering materials using the perturbation expansion. , 2015, , .		2
106	Broadband near-field enhancement in the macro-periodic and micro-random structure with a hybridized excitation of propagating Bloch-plasmonic and localized surface-plasmonic modes. Nanoscale, 2015, 7, 16798-16804.	2.8	11
107	One dimensional disordered photonic structures characterized by uniform distributions of clusters. Optical Materials, 2015, 39, 235-238.	1.7	23
108	Localization of a two-component Bose-Einstein condensate in a one-dimensional random potential. Physica B: Condensed Matter, 2015, 459, 6-11.	1.3	13
109	Effect of Anderson localization on light emission from gold nanoparticle aggregates. Beilstein Journal of Nanotechnology, 2016, 7, 2013-2022.	1.5	12
110	Sub-thermal to super-thermal light statistics from a disordered lattice via deterministic control of excitation symmetry. Optica, 2016, 3, 477.	4.8	25

#	ARTICLE	IF	CITATIONS
111	Theory of high-density low-cross-talk waveguide superlattices. Photonics Research, 2016, 4, 233.	3.4	20
112	Anderson Localization in the Induced Disorder System. Chinese Physics Letters, 2016, 33, 074202.	1.3	3
113	One- and two-dimensional solitons in $\mathcal{P}\mathcal{T}$ -symmetric systems emulating spin-orbit coupling. New Journal of Physics, 2016, 18, 105005.	1.2	34
114	Mid-IR random lasing effect induced by increased impact of disorder in a planar slab. , 2016, , .		0
115	Focusing of light beyond the diffraction limit by randomly distributed graded index photonic medium. Journal of Applied Physics, 2016, 120, 243102.	1.1	9
116	One-dimensional light localization with classical scatterers: An advanced undergraduate laboratory experiment. American Journal of Physics, 2016, 84, 746-751.	0.3	3
117	Scaling analysis of transverse Anderson localization in a disordered optical waveguide. Physical Review B, 2016, 94, .	1.1	22
118	A study of defect modes in one dimensional electromagnetic band gap structures. , 2016, , .		1
119	Disorder-induced light localisation: From random to artificial. , 2016, , .		0
120	Controlling Random Lasing with Three-Dimensional Plasmonic Nanorod Metamaterials. Nano Letters, 2016, 16, 2471-2477.	4.5	66
121	Periodic transmission peak splitting in one dimensional disordered photonic structures. Optical Materials, 2016, 58, 113-115.	1.7	0
122	Soliton-induced transparency in disordered Kerr-metamaterial heterostructures. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 320.	0.9	1
123	Roughness-induced enhancement of optical absorption in random media. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 915.	0.9	4
124	Localization length fluctuation in randomly layered media. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 3505-3508.	0.9	1
125	Hanbury Brown and Twiss anticorrelation in disordered photonic lattices. Physical Review A, 2016, 94, .	1.0	5
126	Effects of long-range hopping and interactions on quantum walks in ordered and disordered lattices. Physical Review A, 2016, 94, .	1.0	28
127	Eigenmodal analysis of Anderson localization: Applications to photonic lattices and Bose-Einstein condensates. Physica B: Condensed Matter, 2016, 499, 87-96.	1.3	3
128	Integrated photonic quantum walks. Journal of Optics (United Kingdom), 2016, 18, 103002.	1.0	53



#	ARTICLE	IF	CITATIONS
129	Random lasing emission and oscillation in femtosecond laser machined microstructured Nd <sup>3+</sup> -doped (Pb, La)(Zr, Ti)O <sub>3</sub> (10/65/35) ceramics. RSC Advances, 2016, 6, 95442-95448.	1.7	5
130	Constant Intensity Supermodes in Non-Hermitian Lattices. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 42-47.	1.9	13
131	Enhancement of optical gain characteristics of quantum dot films by optimization of organic ligands. Journal of Materials Chemistry C, 2016, 4, 10069-10081.	2.7	19
132	Anderson localisation in spin chains for perfect state transfer. European Physical Journal D, 2016, 70, 1.	0.6	8
133	PT symmetry breaking in the presence of random, periodic, long-range hopping. , 2016, , .		1
134	Quantum simulation of the Anderson Hamiltonian with an array of coupled nanoresonators: delocalization and thermalization effects. EPJ Quantum Technology, 2016, 3, .	2.9	7
135	Suppression and restoration of disorder-induced light localization mediated by symmetry breaking. Laser and Photonics Reviews, 2016, 10, 100-107.	4.4	14
136	Coherent random lasing from nano-scale aggregates of hybrid molecules by enhanced near zone scattering. RSC Advances, 2016, 6, 85538-85544.	1.7	8
137	Regulation of photorefractive surface apodized and chirped waveguide arrays. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1933.	0.9	0
138	Self-organized instability in graded-index multimode fibres. Nature Photonics, 2016, 10, 771-776.	15.6	186
139	Q-factor enhancement in all-dielectric anisotropic nanoresonators. Physical Review B, 2016, 94, .	1.1	15
140	Control of coherent backscattering by breaking optical reciprocity. Physical Review A, 2016, 93, .	1.0	14
141	Stochastic methods for light propagation and recurrent scattering in saturated and nonsaturated atomic ensembles. Physical Review A, 2016, 93, .	1.0	49
142	Transport of localized and extended excitations in chains embedded with randomly distributed linear and nonlinear $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" > \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-mers}$ . Physical Review E, 2016, 93, 032205.	0.8	3
143	Barrier-induced chaos in a kicked rotor: Classical subdiffusion and quantum localization. Physical Review E, 2016, 93, 060203.	0.8	9
144	Optical Resonance Shifts in the Fluorescence of Thermal and Cold Atomic Gases. Physical Review Letters, 2016, 116, 183601.	2.9	64
145	Atom-optics simulator of lattice transport phenomena. Physical Review A, 2016, 93, .	1.0	65
146	Photorefractive surface nonlinearly chirped waveguide arrays. Physical Review A, 2016, 93, .	1.0	9

#	ARTICLE	IF	CITATIONS
147	Graphene-Based Active Random Metamaterials for Cavity-Free Lasing. <i>Physical Review Letters</i> , 2016, 116, 217401.	2.9	41
148	Experimentally simulating quantum walks with self-collimated light. <i>Scientific Reports</i> , 2016, 6, 28610.	1.6	8
149	Interplay between evanescence and disorder in deep subwavelength photonic structures. <i>Nature Communications</i> , 2016, 7, 12927.	5.8	33
150	Enhancing coherent transport in a photonic network using controllable decoherence. <i>Nature Communications</i> , 2016, 7, 11282.	5.8	82
151	Topological phase transitions and Thouless pumping of light in photonic waveguide arrays. <i>Laser and Photonics Reviews</i> , 2016, 10, 995-1001.	4.4	71
152	Lower bound for the spatial extent of localized modes in photonic-crystal waveguides with small random imperfections. <i>Scientific Reports</i> , 2016, 6, 27037.	1.6	38
153	Turbulent Transitions in Optical Wave Propagation. <i>Physical Review Letters</i> , 2016, 117, 183902.	2.9	32
154	Speckle lithography for fabricating Gaussian, quasi-random 2D structures and black silicon structures. <i>Scientific Reports</i> , 2016, 5, 18452.	1.6	10
155	Localization of light in a polysaccharide-based complex nanostructure. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	1.5	1
156	Intensity correlations in metal films with periodic-on-average random nanohole arrays. <i>Optics Communications</i> , 2016, 380, 174-178.	1.0	6
157	Exciting Molecules Close to the Rotational Quantum Resonance: Anderson Wall and Rotational Bloch Oscillations. <i>Journal of Physical Chemistry A</i> , 2016, 120, 3206-3217.	1.1	9
158	Optical revivals in nonuniform supersymmetric photonic arrays. <i>Optics Letters</i> , 2016, 41, 372.	1.7	8
159	Localization properties of photonic modes in disordered nonlinear-Kerr/metamaterial heterostructures. <i>Superlattices and Microstructures</i> , 2016, 90, 1-7.	1.4	1
160	Coherent-wave Monte Carlo method for simulating light propagation in tissue. , 2016, , .		4
161	Red light for Anderson localization. <i>New Journal of Physics</i> , 2016, 18, 021001.	1.2	69
162	Extreme events in complex linear and nonlinear photonic media. <i>Chaos, Solitons and Fractals</i> , 2016, 84, 73-80.	2.5	24
163	Tunable Anderson localization in disorder graphene sheet arrays. <i>Optics Letters</i> , 2016, 41, 567.	1.7	4
164	Evidence of Anderson localization effects in random Raman lasing. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
165	Excitation of graphene plasmons as an analogy with the two-level system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 803-808.	0.9	3
166	Excitation of Surface Plasmon Polaritons in an Inhomogeneous Graphene-Covered Grating. Plasmonics, 2017, 12, 209-213.	1.8	12
167	Intrinsic photonic wave localization in a three-dimensional icosahedral quasicrystal. Nature Physics, 2017, 13, 363-368.	6.5	21
168	Coherent backscattering of Raman light. Nature Photonics, 2017, 11, 170-176.	15.6	44
169	Localization of weakly disordered flat band states. European Physical Journal B, 2017, 90, 1.	0.6	93
170	Anderson localization of composite excitations in disordered optomechanical arrays. New Journal of Physics, 2017, 19, 013006.	1.2	17
171	Solitons in Oneâ€Dimensional Lattices with a Flat Band. Annalen Der Physik, 2017, 529, 1600262.	0.9	16
172	Localization in Open Quantum Systems. Physical Review Letters, 2017, 118, 070402.	2.9	24
173	Light fields in complex media: Mesoscopic scattering meets wave control. Reviews of Modern Physics, 2017, 89, .	16.4	403
174	Scalable-manufactured randomized glass-polymer hybrid metamaterial for daytime radiative cooling. Science, 2017, 355, 1062-1066.	6.0	1,432
175	Beam dynamics in disordered $P<T$ -symmetric optical lattices based on eigenstate analyses. Physical Review A, 2017, 95, .	1.0	3
176	Anderson Transition for Classical Transport in Composite Materials. Physical Review Letters, 2017, 118, 036401.	2.9	9
177	Figures-of-merit of Anderson localization cavities in membrane-based periodic-on-average random templates. Optics Communications, 2017, 397, 39-43.	1.0	3
178	Numerical calculation of light scattering from metal and dielectric randomly rough Gaussian surfaces using microfacet slope probability density function based method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 196, 183-200.	1.1	3
179	Quantum transport simulations in a programmable nanophotonic processor. Nature Photonics, 2017, 11, 447-452.	15.6	359
180	Disorder-induced metal-insulator transition in cooled silver and copper nanoparticles: A statistical study. Chemical Physics Letters, 2017, 681, 22-28.	1.2	2
181	New theory of diffusive and coherent nature of optical wave via a quantum walk. Annals of Physics, 2017, 383, 164-180.	1.0	4
182	Observation of Anderson localization in disordered nanophotonic structures. Science, 2017, 356, 953-956.	6.0	70

#	ARTICLE	IF	CITATIONS
183	Decoherence and interferometric sensitivity of boson sampling in superconducting resonator networks. <i>Physical Review B</i> , 2017, 95, .	1.1	6
184	Quantum Simulation of Single-Qubit Thermometry Using Linear Optics. <i>Physical Review Letters</i> , 2017, 118, 130502.	2.9	38
185	Direct observation of Anderson localization in plasmonic terahertz devices. <i>Light: Science and Applications</i> , 2017, 6, e16232-e16232.	7.7	22
186	Chirality, band structure, and localization in waveguide quantum electrodynamics. <i>Physical Review A</i> , 2017, 96, .	1.0	36
187	Synthetic random flux model in a periodically driven optical lattice. <i>Physical Review A</i> , 2017, 96, .	1.0	3
188	Two-photon excitation of rubidium atoms inside porous glass. <i>Physical Review A</i> , 2017, 96, .	1.0	3
189	Duality and quantum state engineering in cavity arrays. <i>Scientific Reports</i> , 2017, 7, 9251.	1.6	14
190	Dissipation-induced mobility and coherence in frustrated lattices. <i>Physical Review A</i> , 2017, 95, .	1.0	3
191	Chaos-assisted tunneling in the presence of Anderson localization. <i>Physical Review E</i> , 2017, 96, 040201.	0.8	7
192	Many-body localization phase in a spin-driven chiral multiferroic chain. <i>Physical Review B</i> , 2017, 96, .	1.1	16
193	Random lasing in an Anderson localizing optical fiber. <i>Light: Science and Applications</i> , 2017, 6, e17041-e17041.	7.7	83
194	Quantum evolution in disordered transport. <i>Physical Review A</i> , 2017, 96, .	1.0	13
195	Wave propagation through disordered media without backscattering and intensity variations. <i>Light: Science and Applications</i> , 2017, 6, e17035-e17035.	7.7	60
196	Lattice topology dictates photon statistics. <i>Scientific Reports</i> , 2017, 7, 8948.	1.6	12
197	Resonance optimization of polychromatic light in disordered structures. <i>Scientific Reports</i> , 2017, 7, 8042.	1.6	1
198	Diffusive and arrested transport of atoms under tailored disorder. <i>Nature Communications</i> , 2017, 8, 325.	5.8	24
199	Localization and hybridization across an effective mobility edge in periodically driven speckle potentials. <i>Europhysics Letters</i> , 2017, 118, 47004.	0.7	2
200	Physics of Quantum Light Emitters in Disordered Photonic Nanostructures. <i>Annalen Der Physik</i> , 2017, 529, 1600351.	0.9	24

#	ARTICLE	IF	CITATIONS
201	Target decoupling in coupled systems resistant to random perturbation. Scientific Reports, 2017, 7, 2139.	1.6	6
202	Many-body localization in incommensurate models with a mobility edge. Annalen Der Physik, 2017, 529, 1600399.	0.9	40
203	Disorder-induced optical transition from spin Hall to random Rashba effect. Science, 2017, 358, 1411-1415.	6.0	56
204	Control of a single-particle localization in open quantum systems. Europhysics Letters, 2017, 119, 56001.	0.7	6
205	Dynamics of Anderson localization in disordered wires. Physical Review B, 2017, 96, .	1.1	1
206	Aperiodic nanoplasmonic devices for directional colour filtering and sensing. Nature Communications, 2017, 8, 1347.	5.8	24
207	Disorder-induced localization of excitability in an array of coupled lasers. Physical Review A, 2017, 96, .	1.0	3
208	Spin Localization of a Fermi Polaron in a Quasirandom Optical Lattice. Few-Body Systems, 2017, 58, 1.	0.7	7
209	Optical properties of periodic, quasi-periodic, and disordered one-dimensional photonic structures. Optical Materials, 2017, 72, 403-421.	1.7	120
210	Non-Hermiticity-induced flat band. Physical Review A, 2017, 96, .	1.0	52
211	Anderson localization in synthetic photonic lattices. Scientific Reports, 2017, 7, 4301.	1.6	50
212	Purcell effect in disordered one-dimensional photonic crystals. Semiconductors, 2017, 51, 947-952.	0.2	1
213	A self-consistent theory of localization in nonlinear random media. Journal of Physics Condensed Matter, 2017, 29, 024002.	0.7	5
214	Localization and Symmetry Breaking in the Quantum Quasiperiodic Ising Glass. Physical Review X, 2017, 7, .	2.8	28
215	Localized gap modes in nonlinear dimerized Lieb lattices. Physical Review A, 2017, 96, .	1.0	13
216	Temporal complexity in emission from Anderson localized lasers. Physical Review A, 2017, 96, .	1.0	15
217	Solitons of anderson localisation and optical-event horizons in rogue-solitons generation. , 2017, , .		0
218	Nonlinear localization of chirped femtosecond pulse in layered photonic structure. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
219	Anderson localisation and optical-event horizons in rogue-soliton generation. Optics Express, 2017, 25, 5457.	1.7	5
220	Lempel-Ziv Complexity of Photonic Quasicrystals. Crystals, 2017, 7, 183.	1.0	1
221	Solitonisation of Anderson localisation in rogue-soliton generation. , 2017, , .		0
222	High-order optical nonlinearities in plasmonic nanocompositesâ€”a review. Advances in Optics and Photonics, 2017, 9, 720.	12.1	83
223	Achieving a strongly negative scattering asymmetry factor in random media composed of dual-dipolar particles. Physical Review A, 2018, 97, .	1.0	18
224	Quantum chaos analysis for characterizing a photonic resonator lattice. Chaos, Solitons and Fractals, 2018, 109, 154-159.	2.5	2
225	Photon scattering from a system of multilevel quantum emitters. I. Formalism. Physical Review A, 2018, 97, .	1.0	18
226	Stochastic theory of polarized light in nonlinear birefringent media: An application to optical rotation. International Journal of Modern Physics B, 2018, 32, 1850147.	1.0	2
227	Strong Localization of Surface Plasmon Polaritons with Engineered Disorder. Nano Letters, 2018, 18, 1896-1902.	4.5	24
228	Disordered Potential Landscapes for Anomalous Delocalization and Superdiffusion of Light. ACS Photonics, 2018, 5, 1499-1505.	3.2	11
229	Floquet engineering of localized propagation of light in a waveguide array. Physical Review A, 2018, 97, .	1.0	9
230	What is the Right Theory for Anderson Localization of Light? An Experimental Test. Physical Review Letters, 2018, 120, 067401.	2.9	23
231	Matter-wave soliton buffer realized by a tailored one-dimensional lattice. Modern Physics Letters B, 2018, 32, 1850070.	1.0	2
232	Direct measurement of superdiffusive energy transport in disordered granular chains. Nature Communications, 2018, 9, 640.	5.8	20
233	Topological insulator laser: Theory. Science, 2018, 359, .	6.0	634
234	Anderson Localization in Disordered LN Photonic Crystal Slab Cavities. ACS Photonics, 2018, 5, 1262-1272.	3.2	16
235	Disordered resonant media: Self-induced transparency versus light localization. Physical Review A, 2018, 97, .	1.0	5
236	Symmetry Breaking in Photonic Crystals: On-Demand Dispersion from Flatband to Dirac Cones. Physical Review Letters, 2018, 120, 066102.	2.9	60

#	ARTICLE	IF	CITATIONS
237	Symmetry in optics and photonics: a group theory approach. <i>Science Bulletin</i> , 2018, 63, 244-251.	4.3	17
238	Veiled symmetry of disordered Parity-Time lattices: protected PT-threshold and the fate of localization. <i>Scientific Reports</i> , 2018, 8, 44.	1.6	11
239	Topological Phase Transition with Nanoscale Inhomogeneity in $(\text{Bi}_{1-x}\text{In}_x)_2\text{Se}_3$ . <i>Nano Letters</i> , 2018, 18, 2677-2682.	4.5	7
240	Quantum coherence-driven self-organized criticality and nonequilibrium light localization. <i>Science Advances</i> , 2018, 4, eaaq0465.	4.7	6
241	Locally-enhanced light scattering by a monocrystalline silicon wafer. <i>AIP Advances</i> , 2018, 8, 035007.	0.6	0
242	Impurity-directed transport within a finite disordered lattice. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 96, 62-72.	1.3	3
243	Random Coherent Perfect Absorption with 2D Atomic Materials Mediated by Anderson Localization. <i>ACS Photonics</i> , 2018, 5, 574-580.	3.2	5
244	Direct experimental determination of critical disorder in one-dimensional weakly disordered photonic crystals. <i>Physical Review B</i> , 2018, 98, .	1.1	4
245	Impurity coupled to a lattice with disorder. <i>Physical Review A</i> , 2018, 98, .	1.0	5
246	Origin of electronic localization in metal-insulator transition of phase change materials. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	4
247	Strong interactions and subradiance in disordered metamaterials. <i>Physical Review B</i> , 2018, 98, .	1.1	11
248	Self-Induced Diffusion in Disordered Nonlinear Photonic Media. <i>Physical Review Letters</i> , 2018, 121, 233901.	2.9	17
249	Constant-Intensity Waves in Non-Hermitian Media. <i>Springer Tracts in Modern Physics</i> , 2018, , 535-555.	0.1	1
250	Thermalization and localization of an oscillating Bose-Einstein condensate in a disordered trap. <i>Physical Review A</i> , 2018, 98, .	1.0	8
251	Mie excitons: Understanding strong coupling in dielectric nanoparticles. <i>Physical Review B</i> , 2018, 98, .	1.1	40
252	Possible coherent backscattering of lightwaves from a strongly absorbing nanoporous medium. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 075606.	1.0	2
253	Artificial Plasmonic Molecules and Their Interaction with Real Molecules. <i>Chemical Reviews</i> , 2018, 118, 5539-5580.	23.0	80
254	Quantum photonic network on chip. <i>Chinese Physics B</i> , 2018, 27, 054207.	0.7	15

#	ARTICLE	IF	CITATIONS
255	Effect of Hilbert space truncation on Anderson localization. <i>Physical Review B</i> , 2018, 97, .	1.1	4
256	Controlling Disorder by Electric-Field-Directed Reconfiguration of Nanowires To Tune Random Lasing. <i>ACS Nano</i> , 2018, 12, 7343-7351.	7.3	12
257	Reflectance and fast polarization dynamics of a GaN/Si nanowire ensemble. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 315301.	0.7	3
258	Generalized Kerker effects in nanophotonics and meta-optics [Invited]. <i>Optics Express</i> , 2018, 26, 13085.	1.7	298
259	Scattering media characterization with phase-only wavefront modulation. <i>Optics Express</i> , 2018, 26, 2369.	1.7	2
260	Near-infrared optical image transport through an all-solid tellurite optical glass rod with transversely-disordered refractive index profile. <i>Optics Express</i> , 2018, 26, 16054.	1.7	17
261	Modal area statistics for transverse Anderson localization in disordered optical fibers. <i>Optics Letters</i> , 2018, 43, 3834.	1.7	10
262	Level spacing statistics for light in two-dimensional disordered photonic crystals. <i>Scientific Reports</i> , 2018, 8, 11569.	1.6	15
263	Disorder-induced high-quality wavefront in an Anderson localizing optical fiber. <i>Optica</i> , 2018, 5, 984.	4.8	19
264	Nonlinear Optics in Disordered Media: Anderson Localization. , 2018, , 278-283.		0
265	Photonic Hall effect. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	9
266	Structural correlations and dependent scattering mechanism on the radiative properties of random media. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 218, 72-85.	1.1	3
267	Phonon localization in an ion chain under irradiation with a Bessel laser beam. <i>Physical Review A</i> , 2018, 98, .	1.0	1
268	Evolution of Optical Diffraction Patterns on Disordered Woodpile Photonic Structures. <i>Physics of the Solid State</i> , 2018, 60, 1387-1393.	0.2	1
269	Anderson localization at the hybridization gap in a plasmonic system. <i>Physical Review B</i> , 2018, 98, .	1.1	5
270	Machine Learning for Turning Optical Fiber Specklegram Sensor into a Spatially-Resolved Sensing System. Proof of Concept. <i>Journal of Lightwave Technology</i> , 2018, 36, 3733-3738.	2.7	49
271	Broadband Frequency-Tunable Whispering-Gallery-Mode Superradiant Light from Quantum Dots in Colloidal Solution. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-9.	1.5	2
272	Controllable coherent backscattering of light in disordered media filled with liquid crystal. <i>Optics Letters</i> , 2018, 43, 2300.	1.7	3



#	ARTICLE	IF	CITATIONS
273	Influence of disorder on electromagnetically induced transparency in chiral waveguide quantum electrodynamics. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 1149.	0.9	19
274	Photonic topological Anderson insulators. <i>Nature</i> , 2018, 560, 461-465.	13.7	205
275	Engineering a Flux-Dependent Mobility Edge in Disordered Zigzag Chains. <i>Physical Review X</i> , 2018, 8, .	2.8	76
276	Analysis of dependent scattering mechanism in hard-sphere Yukawa random media. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	8
277	Gold nanoparticle-decorated graphene as a nonlinear optical material in the visible and near-infrared spectral range. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18862-18872.	1.3	12
278	Flat-top optical filter via the adiabatic evolution of light in an asymmetric coupler. <i>Physical Review A</i> , 2019, 100, .	1.0	4
279	Effect of critical disorder on lifetime distributions of Anderson-localized lasing modes. <i>Physical Review A</i> , 2019, 100, .	1.0	3
280	Nanoscale Imaging of Ultrafast Light Coupling to Self-Organized Nanostructures. <i>ACS Photonics</i> , 2019, 6, 2287-2294.	3.2	13
281	Optical localization of a single atom in three-dimensional space based on double-channel interaction. <i>Laser Physics Letters</i> , 2019, 16, 095204.	0.6	4
282	Transient diffusion and two-regime localization of discrete breatherlike excitations in nonlinear Schrödinger lattice with disorder. <i>Physical Review E</i> , 2019, 100, 022202.	0.8	3
283	Giant Zero Bias Anomaly due to Coherent Scattering from Frozen Phonon Disorder in Quantum Point Contacts. <i>Physical Review Letters</i> , 2019, 123, 056802.	2.9	0
284	Different Regimes of Ultrashort Pulse Propagation in Disordered Layered Media with Resonant Loss and Gain. <i>Annalen Der Physik</i> , 2019, 531, 1900080.	0.9	1
285	Transverse Anderson Localization of Exciton-Polaritons in Microcavities With Single-Layer WS <sub>2</sub> . <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-5.	1.9	2
286	Rogue Waves: Transition to Turbulence and Control Through Spatial Incoherence. <i>Springer Theses</i> , 2019, , 107-122.	0.0	0
287	Topological bands and localized vibration modes in quasiperiodic beams. <i>New Journal of Physics</i> , 2019, 21, 093017.	1.2	40
288	Localization by virtual transitions in correlated disorder. <i>Physical Review B</i> , 2019, 100, .	1.1	8
289	Optimal crosstalk suppression in multicore fibers. <i>Scientific Reports</i> , 2019, 9, 15737.	1.6	6
290	Generalized Conductance Fluctuations in Anderson Localization at the two Limits of Disorder. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
291	Optical Thouless conductance and level-spacing statistics in two-dimensional Anderson localizing systems. <i>Physical Review B</i> , 2019, 100, .	1.1	15
292	Microscopic and Macroscopic Signatures of 3D Anderson Localization of Light. <i>Physical Review Letters</i> , 2019, 123, 083401.	2.9	16
293	Anderson localization of two-dimensional massless pseudospin-1 Dirac particles in a correlated random one-dimensional scalar potential. <i>Physical Review B</i> , 2019, 100, .	1.1	13
294	Strong spectrospatial correlations in Anderson-localized lasing in periodic-on-average random systems. <i>Physical Review A</i> , 2019, 100, .	1.0	2
295	Disordered Anderson Localization Optical Fibers for Image Transport – A Review. <i>Journal of Lightwave Technology</i> , 2019, 37, 5652-5659.	2.7	20
296	Experimental Investigation of Superdiffusion via Coherent Disordered Quantum Walks. <i>Physical Review Letters</i> , 2019, 123, 140501.	2.9	28
297	Hybrid single channel fiber-optic measuring head with a built-in microscope for contact and non-contact measurement of products size in rocket and space, chemical and petroleum engineering. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
298	A curvature-tunable random laser. <i>Nanoscale</i> , 2019, 11, 3534-3545.	2.8	50
299	Finite-difference time-domain analysis of the tunability of Anderson localization of light in self-organized GaN nanowire arrays. <i>Journal of Applied Physics</i> , 2019, 125, 043104.	1.1	10
300	Nanohole array plasmonic biosensors: Emerging point-of-care applications. <i>Biosensors and Bioelectronics</i> , 2019, 130, 185-203.	5.3	81
301	Simultaneous Distributed Sensing on Multiple MgO-Doped High Scattering Fibers by Means of Scattering-Level Multiplexing. <i>Journal of Lightwave Technology</i> , 2019, 37, 3413-3421.	2.7	42
302	Non-Hermitian quasilocalization and ring attractor neural networks. <i>Physical Review E</i> , 2019, 99, 062406.	0.8	12
303	Frequency-tunable continuous-wave random lasers at terahertz frequencies. <i>Light: Science and Applications</i> , 2019, 8, 43.	7.7	33
304	Anderson localization and Brewster anomaly of electromagnetic waves in randomly-stratified anisotropic media. <i>Materials Research Express</i> , 2019, 6, 085803.	0.8	2
305	Controlling of the light in photonic resonator lattice: Quantum chaos approach. <i>Optics Communications</i> , 2019, 446, 171-177.	1.0	2
306	Quantum light in Glauber-Fock photonic lattices. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 065201.	1.0	4
307	Breaking crosstalk limits to dynamic holography using orthogonality of high-dimensional random vectors. <i>Nature Photonics</i> , 2019, 13, 251-256.	15.6	88
308	Controlling the intensity statistics of speckle patterns: From normal to subthermal or superthermal distributions. <i>Physical Review A</i> , 2019, 99, .	1.0	5

#	ARTICLE	IF	CITATIONS
309	Scattering-free pulse propagation through invisible non-Hermitian media. <i>Physical Review B</i> , 2019, 99, .	1.1	17
310	Dramatic Acceleration of Wave Condensation Mediated by Disorder in Multimode Fibers. <i>Physical Review Letters</i> , 2019, 122, 123902.	2.9	53
311	Bloch Oscillations in Fibonacci lattices: polaron formation. <i>Journal of Molecular Modeling</i> , 2019, 25, 102.	0.8	1
312	Dirac wave transmission in L <sup>∞</sup> -disordered systems. <i>Physical Review E</i> , 2019, 99, 032118.	0.8	13
313	Controlling phonons and photons at the wavelength scale: integrated photonics meets integrated phononics. <i>Optica</i> , 2019, 6, 213.	4.8	125
314	Search for Anderson localization of light by cold atoms in a static electric field. <i>Physical Review B</i> , 2019, 99, .	1.1	13
315	Scattering strength dependence of terahertz random lasers. <i>Journal of Applied Physics</i> , 2019, 125, 151611.	1.1	5
316	Anderson Localized Plasmon in Graphene with Random Tensile Strain Distribution. <i>Advanced Science</i> , 2019, 6, 1801974.	5.6	4
317	The Dynamic Three-Dimensional Localization of Fields in Active Percolating Systems. <i>Advances in Mathematical Physics</i> , 2019, 2019, 1-7.	0.4	1
318	Anderson localisation in steady states of microcavity polaritons. <i>Scientific Reports</i> , 2019, 9, 19396.	1.6	0
319	Wave condensation with weak disorder versus beam self-cleaning in multimode fibers. <i>Physical Review A</i> , 2019, 100, .	1.0	22
320	Multi-mode structural-color anti-counterfeiting labels based on physically unclonable amorphous photonic structures with convenient artificial intelligence authentication. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14069-14074.	2.7	88
321	Group velocity distribution and short-pulse dispersion in a disordered transverse Anderson localization optical waveguide. <i>Optical Fiber Technology</i> , 2019, 53, 102061.	1.4	1
322	Nano-Structured Optical Fibers Made of Glass-Ceramics, and Phase Separated and Metallic Particle-Containing Glasses. <i>Fibers</i> , 2019, 7, 105.	1.8	30
323	Photonic quantum information processing: a review. <i>Reports on Progress in Physics</i> , 2019, 82, 016001.	8.1	402
324	Disorder-Induced Phase Transitions in the Transmission of Dielectric Metasurfaces. <i>Physical Review Letters</i> , 2019, 122, 015702.	2.9	35
325	Anderson localization and delocalization of massless two-dimensional Dirac electrons in random one-dimensional scalar and vector potentials. <i>Physical Review B</i> , 2019, 99, .	1.1	10
326	All-Optical Transmission Modulation Due to Inelastic Interactions of Ultrashort Pulses in a Disordered Resonant Medium. <i>Annalen Der Physik</i> , 2019, 531, 1800405.	0.9	1

#	ARTICLE	IF	CITATIONS
327	Invariance property in scattering media and absorption. Optics Communications, 2020, 458, 124786.	1.0	11
328	Engineering IIIâ€™V Semiconductor Nanowires for Device Applications. Advanced Materials, 2020, 32, e1904359.	11.1	43
329	Localization of light in a three-dimensional disordered crystal of atoms. Physical Review B, 2020, 102, .	1.1	8
330	Light backscattering from large clusters of densely packed irregular particles. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107234.	1.1	6
331	Generalized Aubry-AndrÃ© self-duality and mobility edges in non-Hermitian quasiperiodic lattices. Physical Review B, 2020, 102, .	1.1	73
332	Quantum Walks in Quasi-Periodic Photonics Lattices. , 2020, , .		2
333	Machine learning identifies scale-free properties in disordered materials. Nature Communications, 2020, 11, 4842.	5.8	18
334	Invariance property in inhomogeneous scattering media with refractive-index mismatch. Physical Review A, 2020, 102, .	1.0	11
335	Toward single-shot characterization of nonlinear optical refraction, absorption, and scattering of turbid media. Physical Review A, 2020, 102, .	1.0	7
336	Shape-preserving beam transmission through non-Hermitian disordered lattices. Physical Review A, 2020, 102, .	1.0	13
337	Amorphous Nanohole Patterns Formed by Spinodal Decomposition of Nickel Superalloys for Solar-Selective Absorbers. ACS Applied Nano Materials, 2020, 3, 9502-9509.	2.4	3
338	Experimental Observation of Intrinsic Light Localization in Photonic Icosahedral Quasicrystals. Advanced Optical Materials, 2020, 8, 2001170.	3.6	18
339	Optical soliton formation controlled by angle twisting in photonic moirÃ© lattices. Nature Photonics, 2020, 14, 663-668.	15.6	129
340	Random motion theory of an optical vortex in nonlinear birefringent media. Physical Review E, 2020, 102, 032204.	0.8	2
341	Quantum Walks in Periodic and Quasiperiodic Fibonacci Fibers. Scientific Reports, 2020, 10, 7156.	1.6	6
342	Emergence of criticality through a cascade of delocalization transitions in quasiperiodic chains. Nature Physics, 2020, 16, 832-836.	6.5	64
343	Disorderâ€™induced Signal Filtering with Topological Metamaterials. Advanced Materials, 2020, 32, e2001034.	11.1	43
344	Multifractality of light in photonic arrays based on algebraic number theory. Communications Physics, 2020, 3, .	2.0	12

#	ARTICLE	IF	CITATIONS
345	Numerical study of the transverse localization of waves in one-dimensional lattices with randomly distributed gain and loss: effect of disorder correlations. <i>Waves in Random and Complex Media</i> , 2022, 32, 390-405.	1.6	4
346	Laser induced anti-Stokes emission from graphene nanoparticles infiltrated into opal based photonic structure. <i>Optical Materials</i> , 2020, 101, 109744.	1.7	12
347	Necklace-State-Mediated Anomalous Enhancement of Transport in Anderson-Localized non-Hermitian Hybrid Systems. <i>Physical Review Letters</i> , 2020, 124, 123901.	2.9	10
348	One-dimensional, surface emitting, disordered Terahertz lasers. <i>APL Photonics</i> , 2020, 5, 036102.	3.0	5
349	On the applicability of quantum-optical concepts in strong-coupling nanophotonics. <i>Reports on Progress in Physics</i> , 2020, 83, 082401.	8.1	51
350	Investigation of spontaneous emission dynamics of dye molecules coupled into transverse Anderson localized cavities in a hyperbolic waveguide. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2020, 39, 100769.	1.0	2
351	Multiple embedded eigenstates in nonlocal plasmonic nanostructures. <i>Physical Review B</i> , 2020, 101, .	1.1	6
352	Transfer efficiency enhancement and eigenstate properties in locally symmetric disordered finite chains. <i>Annals of Physics</i> , 2020, 418, 168163.	1.0	2
353	Photonic transmission spectra in graphene-based Gaussian random multilayers. <i>Optical Materials</i> , 2020, 104, 109838.	1.7	17
354	Probing nanoscale fluctuation of ferromagnetic meta-atoms with a stochastic photonic spin Hall effect. <i>Nature Nanotechnology</i> , 2020, 15, 450-456.	15.6	38
355	3D porous polymer film with designed pore architecture and auto-deposited SiO <sub>2</sub> for highly efficient passive radiative cooling. <i>Nano Energy</i> , 2021, 81, 105600.	8.2	170
356	Anderson Localization Enabled Spectrally Stable Deep-Ultraviolet Laser Based on Metallic Nanoparticle Decorated AlGa <sub>N</sub> Multiple Quantum Wells. <i>ACS Nano</i> , 2021, 15, 330-337.	7.3	4
357	Engineered disorder in photonics. <i>Nature Reviews Materials</i> , 2021, 6, 226-243.	23.3	129
358	Time-Resolved Nonlinear Diffuse Femtosecond-Pulse Reflectometry Using Lithium Niobate Nanoparticles with Two Pulses of Different Colors. <i>Advanced Photonics Research</i> , 2021, 2, 2000019.	1.7	4
359	Interactions and Mobility Edges: Observing the Generalized Aubry-Andr� Model. <i>Physical Review Letters</i> , 2021, 126, 040603.	2.9	74
360	Controllable optical response and tunable sensing based on self interference in waveguide QED systems. <i>Optics Express</i> , 2021, 29, 3038.	1.7	11
361	Singular flat bands. <i>Advances in Physics: X</i> , 2021, 6, .	1.5	33
362	Topological nanophotonics and artificial neural networks. <i>Nanotechnology</i> , 2021, 32, 142001.	1.3	19

#	ARTICLE	IF	CITATIONS
363	Topological One-Way Large-Area Waveguide States in Magnetic Photonic Crystals. <i>Physical Review Letters</i> , 2021, 126, 067401.	2.9	53
364	Plane wave study on the localized-extended transition in the one-dimensional incommensurate systems. <i>Computational Materials Science</i> , 2021, 188, 110242.	1.4	1
365	Controlling wave fronts with tunable disordered non-Hermitian multilayers. <i>Scientific Reports</i> , 2021, 11, 4790.	1.6	4
366	Reduced sensitivity to disorder in a coupled-resonator waveguide with disordered coupling coefficients. <i>Physical Review A</i> , 2021, 103, .	1.0	1
367	Non-diffracting states at exceptional points. <i>Optics Letters</i> , 2021, 46, 765.	1.7	5
368	Localization of ultrasound in 2D phononic crystal with randomly oriented asymmetric scatterers. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	10
369	Nonunitary Scaling Theory of Non-Hermitian Localization. <i>Physical Review Letters</i> , 2021, 126, 166801.	2.9	57
370	Disordered Photonic Time Crystals. <i>Physical Review Letters</i> , 2021, 126, 163902.	2.9	56
371	Spin-Resolved Quantum Scars in Confined Spin-Coupled Two-Dimensional Electron Gas. <i>Nanomaterials</i> , 2021, 11, 1258.	1.9	1
372	Inverse Anderson transition in photonic cages. <i>Optics Letters</i> , 2021, 46, 2872.	1.7	15
373	Coexistence of dynamical delocalization and spectral localization through stochastic dissipation. <i>Nature Photonics</i> , 2021, 15, 576-581.	15.6	42
374	Mode delocalization in disordered photonic Chern insulator. <i>Physical Review B</i> , 2021, 103, .	1.1	4
375	Detection of Subsurface, Nanometer-Scale Crystallographic Defects by Nonlinear Light Scattering and Localization. <i>Advanced Optical Materials</i> , 2021, 9, 2002252.	3.6	2
376	Incoherent Optical Tweezers on Black Titanium. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27586-27593.	4.0	9
377	Quantum transport in fractal networks. <i>Nature Photonics</i> , 2021, 15, 703-710.	15.6	42
378	Localization transitions and mobility edges in quasiperiodic ladder. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 365403.	0.7	1
379	Modeling the optical properties of twisted bilayer photonic crystals. <i>Light: Science and Applications</i> , 2021, 10, 157.	7.7	42
380	Signature of Many-Body Localization of Phonons in Strongly Disordered Superlattices. <i>Nano Letters</i> , 2021, 21, 7419-7425.	4.5	1

#	ARTICLE	IF	CITATIONS
381	Theory of Multiple Scattering Enhanced Single Particle Plasmonic Sensing. ACS Photonics, 2021, 8, 2227-2233.	3.2	11
382	Universality classes of the Anderson transition in the three-dimensional symmetry classes AIII, BDI, C, D, and CI. Physical Review B, 2021, 104, .	1.1	11
383	Transverse and Quantum Localization of Light: A Review on Theory and Experiments. Frontiers in Physics, 2021, 9, .	1.0	1
384	Anderson localisation and reentrant delocalisation of tensorial elastic waves in two-dimensional fractured media. Europhysics Letters, 2021, 136, 39001.	0.7	4
385	Physical and optical effect of ZnO nanowalls to nanoflakes on random lasing emission. Results in Physics, 2021, 27, 104528.	2.0	4
386	Tight-binding model in optical waveguides: Design principle and transferability for simulation of complex photonics networks. Physical Review A, 2021, 104, .	1.0	12
387	Role of multiple scattering in single particle perturbations in absorbing random media. Physical Review Research, 2021, 3, .	1.3	5
388	Dynamical Scaling of Surface Roughness and Entanglement Entropy in Disordered Fermion Models. Physical Review Letters, 2021, 127, 090601.	2.9	4
389	Wave Transport and Localization in Prime Number Landscapes. Frontiers in Physics, 2021, 9, .	1.0	0
390	Thermal conductivity minimum of graded superlattices due to phonon localization. APL Materials, 2021, 9, .	2.2	21
391	Anderson localization induced by complex potential. Journal of Physics Communications, 2021, 5, 095011.	0.5	6
392	Self-Assembled Biophotonic Lasing Network Driven by Amyloid Fibrils in Microcavities. ACS Nano, 2021, 15, 15007-15016.	7.3	5
393	Integrated random projection and dimensionality reduction by propagating light in photonic lattices. Optics Letters, 2021, 46, 4936.	1.7	3
394	Nonlinear Anderson Localization in Toda Lattices. Journal of the Physical Society of Japan, 2021, 90, 104704.	0.7	4
395	Proposal for Anderson localization in transverse spatial degrees of freedom of photons. Optics Communications, 2021, 498, 127225.	1.0	1
396	Deep learning for light scattering computation: Reconstructing light scattering fields from 1-D randomly rough surfaces as an example. Computer Physics Communications, 2022, 270, 108183.	3.0	3
397	Maryland model in optical waveguide lattices. Optics Letters, 2021, 46, 637.	1.7	6
398	Anderson localization of hybrid quasiparticles: Anomalous transmission due to necklace states. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
399	Experimental measurement of phase distributions in disordered systems. , 2021, , .		0
400	Extreme Waves and Branching Flows in Optical Media. Springer Series in Materials Science, 2015, , 425-454.	0.4	5
401	Generalized laws of refraction and reflection at interfaces between different photonic artificial gauge fields. Light: Science and Applications, 2020, 9, 200.	7.7	18
402	Realizing Anderson localization of surface plasmon polaritons and enhancing their interactions with excitons in 2D disordered nanostructures. Applied Physics Letters, 2020, 116, .	1.5	10
403	Integrated photonic quantum walks. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 073001.	0.6	15
404	Winding numbers and generalized mobility edges in non-Hermitian systems. Physical Review Research, 2020, 2, .	1.3	89
405	Numerical study of anomalous diffusion of light in semicrystalline polymer structures. Physical Review Research, 2020, 2, .	1.3	6
406	Localization analysis and dimensional scaling in a disordered optical waveguide. , 2016, , .		1
407	Electromagnetic field control with binary aperiodic nanostructures. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2059.	0.9	7
408	Localized quantum walks in quasi-periodic Fibonacci arrays of waveguides. Optics Express, 2019, 27, 886.	1.7	16
409	Localization and Anderson delocalization of light in fractional dimensions with a quasi-periodic lattice. Optics Express, 2019, 27, 6259.	1.7	22
410	Enhancement of the spontaneous emission rate of Rhodamine 6G molecules coupled into transverse Anderson localized modes in a wedge-type optical waveguide. Optics Express, 2019, 27, 15996.	1.7	9
411	Beam steering with ultracompact and low-power silicon resonator phase shifters. Optics Express, 2019, 27, 34639.	1.7	12
412	Topological Anderson phase in quasi-periodic waveguide lattices. Optics Letters, 2020, 45, 4036.	1.7	16
413	Reflectionless and invisible potentials in photonic lattices. Optics Letters, 2017, 42, 3229.	1.7	12
414	Advances in the fabrication of disordered transverse Anderson localizing optical fibers [Invited]. Optical Materials Express, 2019, 9, 2769.	1.6	8
415	Exceptional points in polaritonic cavities and subthreshold Fabryâ€“Perot lasers. Optica, 2020, 7, 1015.	4.8	32
416	Photonic flat-band lattices and unconventional light localization. Nanophotonics, 2020, 9, 1161-1176.	2.9	56



#	ARTICLE	IF	CITATIONS
417	Robust optical physical unclonable function using disordered photonic integrated circuits. <i>Nanophotonics</i> , 2020, 9, 2817-2828.	2.9	24
418	Generation of Non-Rayleigh Nondiffracting Speckles. <i>Physical Review Letters</i> , 2021, 127, 180601.	2.9	9
419	Experimental demonstration of optical Bloch oscillation in electromagnetically induced photonic lattices. <i>Fundamental Research</i> , 2022, 2, 401-404.	1.6	7
420	Fundamental and vortex gap solitons in quasiperiodic photonic lattices. <i>Optics Letters</i> , 2021, 46, 5691.	1.7	6
421	Project Outlook. <i>Springer Theses</i> , 2014, , 127-128.	0.0	0
422	Nonlinear atomic spectroscopy in a random porous medium. , 2014, , .		0
423	Nonlinear Light Propagation in Laser-Written Waveguide Arrays. <i>Springer Series in Optical Sciences</i> , 2015, , 185-205.	0.5	0
424	Disorder and Localization Theory. , 2016, , .		0
425	Fabrication of an all-solid tellurite disordered optical rod for transverse localization of light. , 2016, , .		2
426	Rogue-soliton generation via Anderson localisation. , 2016, , .		0
427	Solitonisation of Anderson Localisation in Rogue-soliton Generation. , 2017, , .		0
428	Reflection and refraction in artificial photonic gauge fields. , 2017, , .		0
429	Localization in disordered potential in photonic lattice realized in time domain. , 2017, , .		0
430	All-solid tellurite optical fiber with transversely disordered refractive index profile and its optical image transport performance. , 2018, , .		0
431	One-dimensional disordered photonic structures with two or more materials. , 2018, , .		0
432	Effect of lattice topology on photon statistics. , 2018, , .		0
433	Anderson Localization in Nearly-periodic and Strongly Disordered Finite-supported Systems. , 2019, , .		0
434	Enhanced optical rogue waves by scattering caustic networks in tailored disorder. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
435	Fractal Waveguide Arrays Induce Maximal Anderson Localization. , 2019, , .		0
436	Light Propagation in Temporally Disordered Media. , 2019, , .		1
437	Manipulation of transmission by engineered disorder in one-dimensional photonic crystals. Optics Express, 2019, 27, 6483.	1.7	10
438	Flexible waveguides with amorphous photonic materials. , 2019, , .		0
439	Transient anomalous diffusion of discrete breather-like states in a disordered nonlinear optical lattice. OSA Continuum, 2019, 2, 2630.	1.8	0
440	Aperiodic photonic architectures for high-power distributed feedback THz quantum cascade lasers. , 2019, , .		0
441	Topological Insulator Laser. , 2019, , .		0
442	HEARINGS AND MISHEARINGS: DECRYPTING THE SPOKEN WORD. International Journal of Modeling, Simulation, and Scientific Computing, 2020, 23, 2050008.	0.9	0
443	Tuning Anderson localization of edge-mode graphene plasmons in randomly gated nanoribbons. Optics Express, 2020, 28, 16879.	1.7	2
444	Universal linear optics by programmable multimode interference. Optics Express, 2021, 29, 38257.	1.7	6
445	Discrepant transport characteristics under Anderson localization at the two limits of disorder. Physical Review B, 2020, 102, .	1.1	2
446	Realization of robust optical physical unclonable function using a silicon photonic quasicrystal interferometer. , 2020, , .		0
448	Optical Thouless Conductance in Anderson Localizing Systems. , 2020, , .		0
449	Relation between the localization length and level repulsion in 2D Anderson localization. Optics Letters, 2020, 45, 997.	1.7	1
450	In-plane directionality control of strongly-localized resonant modes of light in disordered arrays of dielectric scatterers. Optics Express, 2021, 29, 39227-39240.	1.7	3
451	Observing two-particle Anderson localization in linear disordered photonic lattices. Optics Express, 2021, 29, 40428-40446.	1.7	0
452	Effective protection of quantum coherence by a non-Hermitian driving potential. Physical Review A, 2021, 104, .	1.0	8
453	Details of the topological state transition induced by gradually increased disorder in photonic Chern insulators. Optics Express, 2020, 28, 31487.	1.7	17

#	ARTICLE	IF	CITATIONS
454	Discrete optical propagation in one-dimensional synthetic mesh lattice. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3152.	0.9	4
455	Reconfigurable multiport switch in coupled mode devices. Physica Scripta, 2020, 95, 115505.	1.2	0
456	Optical simulation of atomic decay enhancement and suppression. Physical Review A, 2020, 102, .	1.0	1
457	Transverse Anderson localization of evanescent waves propagating in randomly layered media. Low Temperature Physics, 2021, 47, 953-958.	0.2	0
458	Structural entropy and spatial decay of quasimodes in Vogel spirals. Physical Review B, 2021, 104, .	1.1	4
459	Review of a Decade of Research on Disordered Anderson Localizing Optical Fibers. Frontiers in Physics, 2021, 9, .	1.0	4
460	Bound states in the continuum in periodic structures with structural disorder. Nanophotonics, 2021, 10, 4313-4321.	2.9	25
461	Morphology and statistics of wide-spectrum speckles. Optics Express, 2022, 30, 874.	1.7	2
462	Unidirectional Narrowband Perfect Absorption in Quasi-random Structures - Interplay of Gap States and Tamm Plasmon Modes. , 2020, , .		0
463	Vortex-beam Waveguide Lattices in Turbulent Kerr Media: Flat Bands, Anderson Localization of Light, and Topological Edge States. , 2021, , .		1
464	Anomalous mobility edges in one-dimensional quasiperiodic models. SciPost Physics, 2022, 12, .	1.5	33
465	Weak Langmuir turbulence in disordered multimode optical fibers. Physical Review A, 2022, 105, .	1.0	1
466	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase. ACS Applied Materials & Interfaces, 2022, 14, 4409-4416.	4.0	5
467	Robustness of Stark many-body localization in the $J$ - $k$ Heisenberg model. Physical Review B, 2022, 105, .		
468	Plasmonically Enhanced Colloidal Quantum Dot/Graphene Doped Polymer Random Lasers. Materials, 2022, 15, 2213.	1.3	2
469	Nonlinear localization of high energy long wave laser pulses in fully correlated 3D turbulence. Optics Letters, 2022, 47, 1782.	1.7	2
470	Experimental Implementation of Wave Propagation in Disordered Time-Varying Media. Physical Review Letters, 2022, 128, 094503.	2.9	12
471	Observing localization and delocalization of the flat-band states in an acoustic cubic lattice. Physical Review B, 2022, 105, .	1.1	4

#	ARTICLE	IF	CITATIONS
472	Topological edge modes and localization transition in quasiperiodic graphene multilayer arrays. Optics and Laser Technology, 2022, 152, 107957.	2.2	2
473	Wave Delocalization from Clustering in Two-Dimensional Non-Hermitian Disordered Lattices. ACS Photonics, 0, , .	3.2	2
474	ZnO Films from Thermal Oxidation of Zn Films: Effect of the Thickness of the Precursor Films on the Structural, Morphological, and Optical Properties of the Products. Crystals, 2022, 12, 528.	1.0	1
475	Observation of Anderson localization beyond the spectrum of the disorder. Science Advances, 2022, 8, .	4.7	11
476	Terahertz waves dynamic diffusion in 3D printed structures. Scientific Reports, 2022, 12, .	1.6	4
477	Logarithmic, noise-induced dynamics in the Anderson insulator. SciPost Physics, 2022, 12, .	1.5	10
478	Anderson Localization Light Guiding in a Two-Phase Glass. Journal of Modern Physics, 2022, 13, 768-775.	0.3	1
479	Disorder-Driven Collapse of Topological Phases in Photonic Topological Insulator. Physica Status Solidi (B): Basic Research, 2022, 259, .	0.7	5
480	Quantum walks in two-dimension arrays of waveguides. , 2022, , .		0
481	Interplay of disorder and point-gap topology: Chiral modes, localization, and non-Hermitian Anderson skin effect in one dimension. Physical Review B, 2022, 106, .	1.1	10
482	Interplay of Thermalization and Strong Disorder: Wave Turbulence Theory, Numerical Simulations, and Experiments in Multimode Optical Fibers. Physical Review Letters, 2022, 129, .	2.9	13
483	Spin-wave localization on phasonic defects in a one-dimensional magnonic quasicrystal. Physical Review B, 2022, 106, .	1.1	1
484	Interaction between ordered multilayer structure and randomly distributed nanopillars in biopolymer increases the width of the photonic bandgap. Optical and Quantum Electronics, 2022, 54, .	1.5	0
485	Critical behaviour of the quasi-periodic quantum Ising chain. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 083102.	0.9	3
486	Light Scattering by Large Densely Packed Clusters of Particles. Springer Series in Light Scattering, 2022, , 125-155.	1.8	0
487	Persistent homology analysis of a generalized Aubry-Andr�-Harper model. Physical Review B, 2022, 106, .	1.1	7
488	Physics of highly multimode nonlinear optical systems. Nature Physics, 2022, 18, 1018-1030.	6.5	27
489	Observation of Anderson phase in a topological photonic circuit. Physical Review Research, 2022, 4, .	1.3	5

#	ARTICLE	IF	CITATIONS
490	Quantum light in complex media and its applications. <i>Nature Physics</i> , 2022, 18, 986-993.	6.5	15
491	Spatio-temporal dynamics in the mixed fractional nonlinear Schrödinger equation. <i>Frontiers in Photonics</i> , 0, 3, .	1.1	0
492	Direct Observation of Dynamically Localized Quantum Optical States. <i>Physical Review Letters</i> , 2022, 129, .	2.9	0
493	Quasiresonant diffusion of wave packets in one-dimensional disordered mosaic lattices. <i>Physical Review B</i> , 2022, 106, .	1.1	2
494	Nonlinear Landauer formula: Nonlinear response theory of disordered and topological materials. <i>Physical Review B</i> , 2022, 106, .	1.1	7
495	Nonparaxiality-triggered Landau-Zener transition in spoof plasmonic waveguides. <i>Physical Review B</i> , 2022, 106, .	1.1	3
496	Anomalous transport regime in a non-Hermitian Anderson-localized hybrid system. <i>Physical Review Research</i> , 2022, 4, .	1.3	3
497	Wave transmission and its universal fluctuations in one-dimensional systems with $L^{\infty}$ -like disorder: Schrödinger, Klein-Gordon, and Dirac equations. <i>Physical Review E</i> , 2022, 106, .	0.8	1
498	Third-order nonlinear femtosecond optical gating through highly scattering media. <i>Physical Review A</i> , 2022, 106, .	1.0	2
499	Light interaction with natural photonic crystal from band gap structure to possible light localization phenomena. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2022, 52, 101089.	1.0	0
500	Wave-function extreme value statistics in Anderson localization. <i>Physical Review B</i> , 2022, 106, .	1.1	2
501	Tunable Dispersion and Supercontinuum Generation in Disordered Glass-Air Anderson Localization Fiber. <i>Journal of Lightwave Technology</i> , 2023, 41, 2484-2493.	2.7	1
502	A comprehensive review of optical diffusers: progress and prospects. <i>Nanoscale</i> , 2023, 15, 1484-1492.	2.8	5
503	Research progress of integrated photonic quantum simulation. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022, 71, 244207.	0.2	0
504	Aharonov-Bohm Caging and Inverse Anderson Transition in Ultracold Atoms. <i>Physical Review Letters</i> , 2022, 129, .	2.9	23
505	Predicting strongly localized resonant modes of light in disordered arrays of dielectric scatterers: a machine learning approach. <i>Optics Express</i> , 2023, 31, 826.	1.7	1
506	Analysis of interface mode localization in disordered photonic crystal structure. <i>Journal of Nanophotonics</i> , 2022, 16, .	0.4	10
507	Direction-dependent non-Hermitian skin effect in modulated photonic waveguide arrays. <i>Frontiers in Physics</i> , 0, 10, .	1.0	2

#	ARTICLE	IF	CITATIONS
508	Large-scale fabrication of ultrathin broadband absorber using quasi-random dielectric Mie resonators. <i>Optics Express</i> , 0, , .	1.7	0
509	On the reliability of the collective coordinate method to simulate metasurfaces with correlated disorder used for light management. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2023, 40, B8.	0.9	0
510	Localization of Light in Multi- $\pi$ -Helical Arrays of Discrete Coupled Waveguides. <i>Laser and Photonics Reviews</i> , 2023, 17, .	4.4	4
511	Random Lasing Emission of ZnO Nanorods from Different Seeding Thickness. <i>Journal of Physics: Conference Series</i> , 2022, 2411, 012018.	0.3	1
512	Delocalization and re-entrant localization of flat-band states in non-Hermitian disordered lattice models with flat bands. <i>Progress of Theoretical and Experimental Physics</i> , 0, , .	1.8	1
513	Controlled light scattering of a single nanoparticle by wave-front shaping. <i>Physical Review A</i> , 2022, 106, .	1.0	2
514	High-order dynamic localization and tunable temporal cloaking in ac-electric-field driven synthetic lattices. <i>Nature Communications</i> , 2022, 13, .	5.8	12
515	Linear and Nonlinear Optical Properties of Well-Defined and Disordered Plasmonic Systems: A Review. <i>Advanced Optical Materials</i> , 2023, 11, .	3.6	3
516	Ghost Exchange: Ferromagnetic-antiferromagnetic Phase Transition in Linear Optics of Non-magnetic Dielectrics. , 2022, , .		0
518	Non-Hermiticity induced exceptional points and skin effect in the Haldane model on a dice lattice. <i>Physical Review B</i> , 2023, 107, .	1.1	5
519	Correlation of Light Polarization in the Magnetic Media with Non-Spherical Point-Like Inclusions. <i>Magnetism</i> , 2023, 3, 1-10.	0.6	0
520	Self-Induced Mode-Locking in Electrically Pumped Far-Infrared Random Lasers. <i>Advanced Science</i> , 2023, 10, .	5.6	3
521	Stable interaction-induced Anderson-like localization embedded in standing waves. <i>New Journal of Physics</i> , 2023, 25, 043021.	1.2	2
522	Enhanced wave localization in multifractal scattering media. <i>Physical Review B</i> , 2023, 107, .	1.1	2
523	Monte Carlo analysis of focused Gaussian beam in scattering media: Curvature correction and Mie scattering. <i>Optics Communications</i> , 2023, 535, 129314.	1.0	1
524	Localization effects from local phase shifts in the modulation of waveguide arrays. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2023, 40, B41.	0.9	0
525	Highly Transmitting Modes of Light in Dynamic Atmospheric Turbulence. <i>Physical Review Letters</i> , 2023, 130, .	2.9	8
526	Localized Spontaneous Chiroptical Response in Disordered Plasmonic Nanoaggregates. <i>ACS Photonics</i> , 2023, 10, 2407-2413.	3.2	1

#	ARTICLE	IF	CITATIONS
527	Photon propagation control on laser written photonic chip enabled by composite waveguide. Photonics Research, 0, , .	3.4	1
528	Engineering of Zeno Dynamics in Integrated Photonics. Physical Review Letters, 2023, 130, .	2.9	8
529	Thermalization of the Ablowitzâ€“Ladik lattice in the presence of non-integrable perturbations. Optics Letters, 2023, 48, 2206.	1.7	1
530	Dispersion braiding and band knots in plasmonic arrays with broken symmetries. Nanophotonics, 2023, 12, 2963-2971.	2.9	0
531	Strong localization and suppression of Anderson modes in an asymmetrical optical waveguide. Optics Express, 2023, 31, 13211.	1.7	1
532	Simultaneous occurrence and compensating effects of multiâ€“type disorder in twoâ€“dimensional photonic structures. Nano Select, 2023, 4, 368-385.	1.9	1
533	Anderson localization without eigenstates in photonic quantum walks. Optics Letters, 0, , .	1.7	0
536	A shrimp solves a scattering problem. Nature Photonics, 2023, 17, 461-462.	15.6	0
544	Reentrant delocalization transition in one-dimensional photonic quasicrystals. , 2023, , .		0
562	Disorder and Localization Theory. , 2016, , 771-778.		0