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Bound states in the continuum

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1321	Metamaterial, plasmonic and nanophotonic devices. 2017 , 80, 036401		100
1320	Tuning of Fano resonances by rotation of continuum: Wave faucet. 2017 , 117, 50011		6
1319	Evolution of electric-field-induced quasibound states and resonances in one-dimensional open quantum systems. 2017 , 529, 1600144		3
1318	Anapole nanolasers for mode-locking and ultrafast pulse generation. 2017 , 8, 15535		136
1317	Using interference effects for controlled light propagation in four-waveguide directional couplers. 2017 , 64, 2017-2022		
1316	Anisotropy enables unusual waves. 2017 , 11, 212-214		10

1315	Transition from Optical Bound States in the Continuum to Leaky Resonances: Role of Substrate and Roughness. 2017 , 4, 723-727	132
1314	Analytical results regarding electrostatic resonances of surface phonon/plasmon polaritons: separation of variables with a twist. 2017 , 473, 20160796	6
1313	Anisotropy-induced photonic bound states in the continuum. 2017 , 11, 232-236	86
1312	Effects of local periodic driving on transport and generation of bound states. 2017 , 96,	5
1311	Robust zero-energy bound states in a helical lattice. 2017 , 96,	5
1310	Patterning of electrically tunable light-emitting photonic structures demonstrating bound states in the continuum. 2017 , 35, 06G401	13
1309	Effect of substrate on optical bound states in the continuum in 1D photonic structures. 2017 ,	0
1308	Topologically Protected Complete Polarization Conversion. 2017 , 119, 167401	50
1307	Bound state in the continuum by spatially separated ensembles of atoms in a coupled-cavity array. 2017 , 96,	11
1306	Fano resonances in photonics. 2017 , 11, 543-554	759
1305	Photoluminescence behavior of nanoimprinted halide perovskite at low temperatures. 2017 ,	
1304	Bound states in the continuum in spin-orbit-coupled atomic systems. 2017 , 96,	12
1303	Nano-architecture of metal-organic frameworks. 2017 ,	2
1302	Surface-lattice resonances in two-dimensional arrays of spheres: Multipolar interactions and a mode analysis. 2017 , 95,	27
1301	High-Q Supercavity Modes in Subwavelength Dielectric Resonators. 2017 , 119, 243901	270
1300	Unified theory of resonances and bound states in the continuum in Hermitian tight-binding models. 2017 , 96,	10
1299	Bound states within the radiation continuum in diffraction gratings and the role of leaky modes. 2017 , 19, 093011	37
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1297	Topological Subspace-Induced Bound State in the Continuum. 2017 , 118, 166803	87
1296	Encrypting Majorana fermion qubits as bound states in the continuum. 2017 , 96,	14
1295	Antibonding ground state of adatom molecules in bulk Dirac semimetals. 2017 , 96,	3
1294	Topologically enabled optical nanomotors. 2017 , 3, e1602738	15
1293	Topological Bound States in the Continuum in Arrays of Dielectric Spheres. 2017 , 118, 267401	95
1292	Reciprocal-space engineering of quasi-bound states in the continuum in photonic crystal slabs for high-Q microcavities. 2017 ,	
1291	Free-space coupled silicon photonic crystal refractometric membrane sensors. 2017 ,	0
1290	Destruction of symmetry protected optical bound state in the continuum by high-index substrate and roughnesses. 2017 ,	
1289	Bound states in the continuum and polarization singularities in periodic arrays of dielectric rods. 2017 , 96,	37
1288	Optical bound state in the continuum in the one-dimensional photonic structures: Transition into a resonant state. 2017 ,	1
1287	Analytical and statistical investigation on structural fluctuations induced radiation in photonic crystal slabs. 2017 , 25, 5580-5593	19
1286	Analytical coupled-wave model for photonic crystal surface-emitting quantum cascade lasers. 2017 , 25, 11997-12007	5
1285	Monolithic CMOS-compatible zero-index metamaterials. 2017 , 25, 12381-12399	19
1284	Light enhancement by quasi-bound states in the continuum in dielectric arrays. 2017 , 25, 14134-14147	38
1283	Mechanically stable conjugate and suspended lasing membranes of bridged nano-cylinders. 2017 , 7, 2980	3
1282	Ultralow transmission loss in inhibited-coupling guiding hollow fibers. 2017 , 4, 209	143
1281	Coherent virtual absorption based on complex zero excitation for ideal light capturing. 2017 , 4, 1457	44
1280	Optical Refractive Index Sensing Based on High-Q Bound States in the Continuum in Free-Space Coupled Photonic Crystal Slabs. 2017 , 17,	61

1279	Light Trapping above the Light Cone in One-Dimensional Arrays of Dielectric Spheres. 2017 , 7, 147	6
1278	Strong Light Localization and a Peculiar Feature of Light Leakage in the Negative Curvature Hollow Core Fibers. 2017 , 5, 43	4
1277	Phase transition through the splitting of self-dual spectral singularity in optical potentials. 2017 , 42, 5206-5209	21
1276	Bound states in the continuum on periodic structures: perturbation theory and robustness. 2017 , 42, 4490-4493	26
1275	. 2017 ,	
1274	Propagating bound states in the continuum at the surface of a photonic crystal. 2017 , 34, 1878	19
1273	Fano line shapes of leaky surface acoustic waves extending from supersonic surface wave points. 2018 , 79, 1-9	1
1272	Compact localized states and flat bands from local symmetry partitioning. 2018 , 97,	26
1271	Far-field probing of leaky topological states in all-dielectric metasurfaces. 2018 , 9, 909	79
1270	Physical approach to quantum networks with massive particles. 2018 , 97,	2
1269	Bound states in the continuum on periodic structures surrounded by strong resonances. 2018 , 97,	22
1268	Bound acoustic modes in the radiation continuum in isotropic layered systems without periodic structures. 2018 , 97,	8
1267	Floquet engineering of localized propagation of light in a waveguide array. 2018 , 97,	7
1266	Trapped modes in a non-axisymmetric cylindrical waveguide. 2018 , 421, 48-60	13
1265	Nonreciprocal Flat Optics with Silicon Metasurfaces. 2018 , 18, 1104-1109	52
1264	Trapped-mode-induced Fano resonance and acoustical transparency in a one-dimensional solid-fluid phononic crystal. 2018 , 97,	31
1263	Multiqubit subradiant states in N-port waveguide devices: band- hear -zero hubs and nonreciprocal circulators. 2018 , 97,	11
1262	Spectroscopy and Biosensing with Optically Resonant Dielectric Nanostructures. 2018 , 6, 1701094	97

1261	Optical defect mode with tunable Q factor in a one-dimensional anisotropic photonic crystal. 2018 , 97,	28
1260	Supersymmetric Transformations in Optical Fibers. 2018 , 9,	17
1259	Topological Origins of Bound States in the Continuum for Systems with Conical Intersections. 2018 , 9, 146-149	9
1258	Transmission gaps, trapped modes and Fano resonances in Aharonov-Bohm connected mesoscopic loops. 2018 , 382, 613-620	6
1257	Discrete Light Spectrum of Complex-Shaped Meta-atoms. 2018 , 53, 144-153	3
1256	Embedded scattering eigenstates using resonant metasurfaces. 2018 , 20, 064002	25
1255	Observation of Polarization Vortices in Momentum Space. 2018 , 120, 186103	92
1254	Trapping Light in Plain Sight: Embedded Photonic Eigenstates in Zero-Index Metamaterials. 2018 , 12, 1700220	46
1253	A band of bound states in the continuum induced by disorder. 2018 , 8, 5160	12
1252	Anomalous amplified and bound-state-like optical transmissions via unidirectional interaction in parity-time symmetric metamaterials. 2018 , 123, 103102	3
1251	Resonances and bound states in the continuum on periodic arrays of slightly noncircular cylinders. 2018 , 51, 035402	16
1250	Oblique Semi-Guided Waves: 2-D Integrated Photonics with Negative Effective Permittivity. 2018 ,	3
1249	Semiconductor photonic crystal laser. 2018 , 27, 114211	1
1248	Interaction of MDM Ferrite Particles with a Microwave-Field Continuum. 2018 , 527-550	4
1247	Multiple-Resonance Interference in Metallic Nanohole Arrays. 2018 , 331-355	
1246	Avoided crossings and bound states in the continuum in low-contrast dielectric gratings. 2018 , 98,	32
1245	Fano Resonances and Bound States in the Continuum in Evanescently-Coupled Optical Waveguides and Resonators. 2018 , 85-108	1
1244	Giant Nonlinear Response of Subwavelength Dielectric Resonators Enhanced by Bound States in the Continuum. 2018 ,	

1243	Strong coupling between excitons in transition metal dichalcogenides and optical bound states in the continuum. 2018 , 1124, 051056	
1242	Zero-Index Bound States in the Continuum. 2018 , 121, 263901	55
1241	Topological properties of bound states in the continuum in geometries with broken anisotropy symmetry. 2018 , 98,	13
1240	Unconventional Flatband Line States in Photonic Lieb Lattices. 2018 , 121, 263902	45
1239	Formation of Bound States in the Continuum in Hybrid Plasmonic-Photonic Systems. 2018 , 121, 253901	136
1238	Bound state in the continuum in 1D chain of dielectric disks: theory and experiment. 2018 , 1092, 012012	3
1237	Extreme Huygens' Metasurfaces Based on Quasi-Bound States in the Continuum. 2018 , 18, 8062-8069	52
1236	Zeeman gyrotropic scatterers: Resonance splitting, anomalous scattering, and embedded eigenstates. 2018 , 8, 184798041880808	6
1235	Scattering Theory and $\{P\}$ -Symmetry. 2018 , 75-121	4
1234	Bound states in the continuum in a bilayer photonic crystal with TE-TM cross coupling. 2018 , 98,	15
1233	Cherenkov Radiation from Photonic Bound States in the Continuum: Towards Compact Free-Electron Lasers. 2018 , 10,	11
1232	Acoustic analogue of electromagnetically induced transparency and Autler-Townes splitting in pillared metasurfaces. 2018 , 51, 494004	12
1231	Effects of non-Hermiticity on Su-Schrieffer-Heeger defect states. 2018 , 98,	37
1230	Nonlinear Bound States in the Continuum in One-Dimensional Photonic Crystal Slab. 2018 , 1092, 012068	1
1229	Strong coupling between excitons in transition metal dichalcogenides and optical bound states in the continuum. 2018 , 98,	43
1228	Light-matter interaction between photonic bound states in the continuum and bright excitons in transition metal dichalcogenides. 2018 , 1092, 012064	1
1227	Toroidal dipole bound states in the continuum. 2018 , 98,	96
1226	Simultaneous Observation of a Topological Edge State and Exceptional Point in an Open and Non-Hermitian Acoustic System. 2018 , 121, 124501	93

1225	Optical response induced by bound states in the continuum in arrays of dielectric spheres. 2018 , 35, 2443	20
1224	Simple examples of perfectly invisible and trapped modes in waveguides. 2018 , 71, 297-315	7
1223	Material platforms for optical metasurfaces. 2018 , 7, 959-987	90
1222	Nonlinear bound states in the continuum of a one-dimensional photonic crystal slab. 2018 , 97,	46
1221	Propagating bound states in the continuum in dielectric gratings. 2018 , 35, 1218	39
1220	Modes, stability, and small-signal response of photonic crystal Fano lasers. 2018 , 26, 16365-16376	17
1219	Label-free sensing of ultralow-weight molecules with all-dielectric metasurfaces supporting bound states in the continuum. 2018 , 6, 726	99
1218	Bound states in the continuum in a two-dimensional PT-symmetric system. 2018 , 43, 575-578	15
1217	Extraordinary optical reflection resonances and bound states in the continuum from a periodic array of thin metal plates. 2018 , 26, 13195-13204	18
1216	Coherent-perfect-absorber and laser for bound states in a continuum. 2018 , 43, 607-610	16
1215	Surface-Enhanced Raman and Fluorescence Spectroscopy with an All-Dielectric Metasurface. 2018 , 122, 19738-19745	40
1214	Optical Biosensors Based on Photonic Crystals Supporting Bound States in the Continuum. 2018 , 11,	49
1213	Maximal spontaneous photon emission and energy loss from free electrons. 2018 , 14, 894-899	52
1212	Mie-coupled bound guided states in nanowire geometric superlattices. 2018 , 9, 2781	13
1211	Giant Nonlinear Response at the Nanoscale Driven by Bound States in the Continuum. 2018 , 121, 033903	141
1210	Trapped modes and reflectionless modes as eigenfunctions of the same spectral problem. 2018 , 474, 20180050	15
1209	Directional lasing in resonant semiconductor nanoantenna arrays. 2018 , 13, 1042-1047	217
1208	Bound states in the continuum in whispering gallery resonators. 2018 , 98,	3

1207 PT-symmetric bound states in the continuum. **2018,**

1206 From topologically protected coherent perfect reflection to bound states in the continuum. **2018,** 98, 22

1205 Bound states in the continuum poisoned by Majorana fermions. **2018,** 30, 375301 2

1204 Experimental observation of a polarization vortex at an optical bound state in the continuum. **2018,** 12, 397-401 171

1203 Exceptional points of resonant states on a periodic slab. **2018,** 97, 9

1202 Synthetic phonons enable nonreciprocal coupling to arbitrary resonator networks. **2018,** 4, eaat0232 9

1201 Manipulating the flow of light using Dirac-cone zero-index metamaterials. **2019,** 82, 012001 19

1200 . **2019,**

1199 Observing the Quantum Wave Nature of Free Electrons through Spontaneous Emission. **2019,** 123, 060401 23

1198 Non-scattering Systems for Field Localization and Emission Enhancement. **2019,**

1197 Observation of bound states in the continuum in the dimerized chain. **2019,** 100, 10

1196 Corner states in a second-order acoustic topological insulator as bound states in the continuum. **2019,** 100, 38

1195 Electrical tuning of helical edge states in topological multilayers. **2019,** 31, 495501 3

1194 Surface acoustic wave modes in two-dimensional shallow void inclusion phononic crystals on GaAs. **2019,** 126, 025104 3

1193 Towards integrated tunable all-silicon free-electron light sources. **2019,** 10, 3176 30

1192 Generic singularities of scattering coefficients and a paradox of resonant wave scattering. **2019,** 100, 1

1191 Giant Enhancement of the Goos-Hñchen Shift Assisted by Quasibound States in the Continuum. **2019,** 12, 55

1190 Bound states in the Brillouin zone continuum. **2019,** 571, 162-173 2

1189	Light-emitting metasurfaces. 2019 , 8, 1151-1198	78
1188	Bound States in the Continuum through Environmental Design. 2019 , 123, 023902	28
1187	Metasurface Engineering through Bound States in the Continuum. 2019 , 12,	84
1186	All-Dielectric Active Terahertz Photonics Driven by Bound States in the Continuum. 2019 , 31, e1901921	106
1185	. 2019 ,	1
1184	Nonlinear Metasurfaces Governed by Bound States in the Continuum. 2019 , 6, 1639-1644	109
1183	Multipolar Conversion Induced Subwavelength High-Q Kerker Supermodes with Unidirectional Radiations. 2019 , 13, 1900067	19
1182	Suppressing deleterious effects of spontaneous emission in creating bound states in cold atom continuum. 2019 , 52, 245204	1
1181	Distinction of Acoustically Induced Transparency and Autler-Townes Splitting by Helmholtz Resonators. 2019 , 12,	7
1180	Non-Hermitian Selective Thermal Emitters using Metal-Semiconductor Hybrid Resonators. 2019 , 31, e19041547	
1179	Can a Nonradiating Mode Be Externally Excited? Nonscattering States versus Embedded Eigenstates. 2019 , 6, 3108-3114	39
1178	Bound States in the Continuum in Fiber Bragg Gratings. 2019 , 6, 2996-3002	28
1177	Flat band in two-dimensional non-Hermitian optical lattices. 2019 , 100,	11
1176	Terahertz sensing of 7 nm dielectric film with bound states in the continuum metasurfaces. 2019 , 115, 151105	93
1175	Temporally and Spatially Coherent Emission from Thermal Embedded Eigenstates. 2019 , 6, 2949-2956	12
1174	Light trapping gets a boost. 2019 , 574, 491-492	9
1173	Bound states in the continuum in double-hole array perforated in a layer of photonic crystal slab. 2019 , 12, 125002	6
1172	Bound States in the Continuum in Symmetric Double-Sided Grating Metamaterials. 2019 ,	

1171	Brewster quasi bound states in the continuum in all-dielectric metasurfaces from single magnetic-dipole resonance meta-atoms. 2019 , 9, 16048	14
1170	Hybrid 2D-Material Photonics with Bound States in the Continuum. 2019 , 7, 1901306	18
1169	Ridge Resonance in Silicon Photonics Harnessing Bound States in the Continuum. 2019 , 13, 1900035	21
1168	Non-Markovian dynamics revealed at a bound state in the continuum. 2019 , 99,	12
1167	THz Resonances with Infinite Lifetime in Array of Gold Resonators. 2019 ,	
1166	Quantum decay in a topological continuum. 2019 , 100,	8
1165	Bound states in the continuum for an array of quantum emitters. 2019 , 100,	14
1164	Multipolar origin of bound states in the continuum. 2019 , 100,	77
1163	Designing Modes in Disordered Photonic Structures. 2019 , 47-81	
1162	Dielectric nanoantennas to manipulate solid-state light emission. 2019 , 126, 094104	46
1161	Photonics of Sub-Wavelength Nanowire Superlattices. 2019 , 4, 2759-2769	0
1160	Active meta-optics and nanophotonics with halide perovskites. 2019 , 6, 031307	46
1159	Q-factor optimization in dielectric oligomers. 2019 , 100,	2
1158	All-optical tuning of symmetry protected quasi bound states in the continuum. 2019 , 115, 141103	21
1157	Centered System Magnons. 2019 , 1-51	
1156	Magnonic Circuits: Comb Structures. 2019 , 53-110	2
1155	Nanophotonic engineering of far-field thermal emitters. 2019 , 18, 920-930	122
1154	High performance dual-mode operation asymmetric superlattice infrared photodetector using leaky electronic states. 2019 , 125, 204501	0

1153	Decay rates and energies of free magnons and bound states in dissipative XXZ chains. 2019 , 99,	1
1152	Strong terahertz magneto-optical phenomena based on quasi-bound states in the continuum and Fano resonances. 2019 , 27, 16449-16460	12
1151	Coupled-wave formalism for bound states in the continuum in guided-mode resonant gratings. 2019 , 99,	24
1150	Solvable model of bound states in the continuum (BIC) in one dimension. 2019 , 94, 105214	2
1149	Indirect link between resonant and guided modes on uniform and periodic slabs. 2019 , 99,	5
1148	Semiconductor Fano Lasers. 2019 , 25, 1-14	7
1147	Dynamic Nonlinear Image Tuning through Magnetic Dipole Quasi-BIC Ultrathin Resonators. 2019 , 6, 1802119	70
1146	Nonlinear response from optical bound states in the continuum. 2019 , 9, 7153	15
1145	Angle-multiplexed all-dielectric metasurfaces for broadband molecular fingerprint retrieval. 2019 , 5, eaaw2871	135
1144	Observing vortex polarization singularities at optical band degeneracies. 2019 , 99,	14
1143	Fano-Majorana Effect and Bound States in the Continuum on a Crossbar-Shaped Quantum Dot Hybrid Structure. 2019 , 531, 1800498	6
1142	Optical Bound States in the Continuum with Nanowire Geometric Superlattices. 2019 , 122, 187402	16
1141	Singularities and Poincaré Indices of Electromagnetic Multipoles. 2019 , 122, 153907	40
1140	Experimental observation of a symmetry-protected bound state in the continuum in a chain of dielectric disks. 2019 , 99,	42
1139	Symmetry-Protected Dual Bound States in the Continuum in Metamaterials. 2019 , 7, 1900383	88
1138	Light-Directed Soft Mass Migration for Micro/Nanophotonics. 2019 , 7, 1900074	22
1137	Energy spectrum of excitons in square quantum wells. 2019 , 112, 96-108	12
1136	Topological photonics. 2019 , 91,	1070

1135	Giant Goos-Hänchen shift induced by bounded states in optical PT-symmetric bilayer structures. 2019 , 27, 7857-7867	25
1134	All-Dielectric Resonant Meta-Optics Lightens up. 2019 , 6, 802-814	86
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1132	Non-Markovian dynamics of a system of two-level atoms coupled to a structured environment. 2019 , 99,	6
1131	High-Q resonant modes in a finite array of dielectric particles. 2019 , 99,	15
1130	From zero transmission to trapped modes in waveguides. 2019 , 52, 165304	3
1129	Light guiding by artificial gauge fields. 2019 , 13, 339-345	33
1128	Y-shaped magnonic demultiplexer using induced transparency resonances. 2019 , 9, 035011	9
1127	Nonradiating photonics with resonant dielectric nanostructures. 2019 , 8, 725-745	161
1126	Hollow-Core Fiber Technology: The Rising of Gas Photonics 2019 , 7, 16	49
1125	Terahertz Detection with Perfectly-Absorbing Photoconductive Metasurface. 2019 , 19, 2888-2896	29
1124	Arbitrary order exceptional point induced by photonic spin-orbit interaction in coupled resonators. 2019 , 10, 832	40
1123	Exciting a Bound State in the Continuum through Multiphoton Scattering Plus Delayed Quantum Feedback. 2019 , 122, 073601	50
1122	Fano resonances and bound states in the continuum in a simple phononic system. 2019 , 12, 035504	6
1121	Dynamic bound states in the continuum. 2019 , 6, 169	60
1120	Controlling high-Q trapped modes in polarization-insensitive all-dielectric metasurfaces. 2019 , 99,	37
1119	Exceptional singular resonance in gain mediated metamaterials. 2019 , 27, 6240-6248	4
1118	Coherent Control of Scattering in Non-Hermitian PT-Symmetrical Systems. 2019 ,	

- 1117 Existence Loci of Bound States in the Continuum in the Parameter Space of Anisotropic Planar Structures. **2019**,
- 1116 Polarization-based branch selection of bound states in the continuum in dielectric waveguide modes anti-crossed by a metal grating. **2019**, 21, 113020 9
- 1115 Generation of Tilted High-Order Bessel Beam in Millimeter Range Using Metasurface. **2019**,
- 1114 Photonic bands, superchirality, and inverse design of a chiral minimal metasurface. **2019**, 8, 2291-2301 9
- 1113 All-Dielectric High-Q Metasurfaces for Infrared Absorption Spectroscopy Applications. **2019**,
- 1112 Enhanced optical squeezing from quasi-bound states in the continuum and Fano resonances without nonlinearity. **2019**, 21, 123050 3
- 1111 Symmetry-protected bound states in the continuum supported by all-dielectric metasurfaces. **2019**, 100, 68
- 1110 Anapole Near Field Laser Based on AlGaAs Nanodisk. **2019**, 1
- 1109 Suppression of Coherence Collapse in Semiconductor Fano Lasers. **2019**, 123, 233904 9
- 1108 Chiral Optical Tamm States at the Interface between an All-Dielectric Polarization-Preserving Anisotropic Mirror and a Cholesteric Liquid Crystal. **2019**, 9, 502 7
- 1107 High-Q Quasibound States in the Continuum for Nonlinear Metasurfaces. **2019**, 123, 253901 154
- 1106 Near-zero-index materials for photonics. *Nature Reviews Materials*, **2019**, 4, 742-760 73-3 102
- 1105 Geometric Nanophotonics: Light Management in Single Nanowires through Morphology. **2019**, 52, 3511-3520 12
- 1104 PT-Symmetric Cladding Layers for high-Q Brewster Modes and Embedded Eigenstates. **2019**,
- 1103 Sharp Fano Resonance and Spectral Collapse in Stimuli-Responsive Photonic Structures. **2019**, 7, 1801206 4
- 1102 Enhanced temperature-tunable narrow-band photoluminescence from resonant perovskite nanograting. **2019**, 473, 419-424 13
- 1101 Lattice Zenneck Modes on Subwavelength Antennas. **2019**, 13, 1800267 7
- 1100 Bound states in the continuum in the double-period rectangular hole arrays perforated in one layer of photonic crystal slab in the visible wavelength region. **2019**, 436, 151-160 7

1099	Observation of higher-order topological acoustic states protected by generalized chiral symmetry. 2019 , 18, 113-120	264
1098	Photonic demultiplexer based on electromagnetically induced transparency resonances. 2019 , 52, 075101	15
1097	Strong dependence of photoionization time delay on energy and angle in the neighborhood of Fano resonances. 2019 , 99,	4
1096	Topological linelike bound states in the continuum. 2019 , 99,	5
1095	Band flips and bound-state transitions in leaky-mode photonic lattices. 2019 , 99,	23
1094	Topological Fano Resonances. 2019 , 122, 014301	77
1093	Meta-optics and bound states in the continuum. 2019 , 64, 836-842	145
1092	Defect-Induced Bound States in the Continuum Band of Metallic Nanobelts. 2019 , 256, 1800369	1
1091	Polarization-independent Fano metasurface with directional toroidal dipole for magnetic field tunability. 2020 , 454, 124516	4
1090	Nonscattering Metasurface-Bound Cavities for Field Localization, Enhancement, and Suppression. 2020 , 68, 1689-1703	7
1089	Guided-Mode Resonances in All-Dielectric Terahertz Metasurfaces. 2020 , 8, 1900959	25
1088	Aharonov-Bohm-effect induced transparency and reflection in mesoscopic rings side coupled to a quantum wire. 2020 , 116, 113770	10
1087	Lateral Leakage in Silicon Photonics: Theory, Applications, and Future Directions. 2020 , 26, 1-13	11
1086	Active and Tunable Nanophotonics With Dielectric Nanoantennas. 2020 , 108, 749-771	24
1085	Tailoring the spatial localization of bound state in the continuum in plasmonic-dielectric hybrid system. 2020 , 9, 133-142	17
1084	Synthesizing multi-dimensional excitation dynamics and localization transition in one-dimensional lattices. 2020 , 14, 76-81	21
1083	A high-performance topological bulk laser based on band-inversion-induced reflection. 2020 , 15, 67-72	94
1082	Toroidal dipolar bound state in the continuum and antiferromagnetic in asymmetric metasurface. 2020 , 53, 075106	10

1081	Suppressing material loss in the visible and near-infrared range for functional nanophotonics using bandgap engineering. 2020 , 11, 5055	17
1080	Imaging Through a Fano-Resonant Dielectric Metasurface Governed by Quasi-bound States in the Continuum. 2020 , 14,	22
1079	Exceptional Points from the Hamiltonian of a hybrid physical system: Squeezing and anti-Squeezing. 2020 , 74, 1	3
1078	Ultrasensitive light confinement: Driven by multiple bound states in the continuum. 2020 , 102,	3
1077	Extraordinary Multipole Modes and Ultra-Enhanced Optical Lateral Force by Chirality. 2020 , 125, 043901	15
1076	Near-infrared Fano resonance in asymmetric silicon metagratings. 2020 , 22, 095102	4
1075	Observation of Non-Abelian Nodal Links in Photonics. 2020 , 125, 033901	17
1074	Interaction-induced topological states of photon pairs. 2020 , 102,	6
1073	An antiferromagnet as a tunable single-phase elastic hyperbolic medium with spatial dispersion. 2020 , 46, 824-829	2
1072	Observation of a Higher-Order Topological Bound State in the Continuum. 2020 , 125, 213901	26
1071	Plasmonic Assemblies for Real-Time Single-Molecule Biosensing. 2020 , 16, e2003934	14
1070	High-acoustic-index-contrast phononic circuits: Numerical modeling. 2020 , 128, 184503	4
1069	Hybrid Photonic-Plasmonic Bound States in Continuum for Enhanced Light Manipulation. 2020 , 8, 2000898	12
1068	Extreme Sound Confinement From Quasibound States in the Continuum. 2020 , 14,	13
1067	Selection rules for quasibound states in the continuum. 2020 , 102,	38
1066	Trapping light in the continuum [From fantasy to reality]. 2020 , 65, 1527-1532	0
1065	Critical Review: digital resolution biomolecular sensing for diagnostics and life science research. 2020 , 20, 2816-2840	13
1064	Bound states in the continuum supported by two-layered wires structure. 2020 , 1461, 012145	

1063	Quasinormal mode expansion of optical far-field quantities. 2020 , 102,	6
1062	Zero-Index Weyl Metamaterials. 2020 , 125, 054301	8
1061	Generation and Annihilation of Topologically Protected Bound States in the Continuum and Circularly Polarized States by Symmetry Breaking. 2020 , 125, 053902	22
1060	Nanoparticle lattices with bases: Fourier modal method and dipole approximation. 2020 , 102,	11
1059	Bound States in the Continuum in the Visible Emerging from out-of-Plane Magnetic Dipoles. 2020 , 7, 2204-2210	20
1058	Inverse Design of Lightweight Broadband Reflector for Relativistic Lightsail Propulsion. 2020 , 7, 2350-2355	19
1057	Floquet-surface bound states in the continuum in a resonantly driven one-dimensional tilted defect-free lattice. 2020 , 102,	1
1056	Chiral Symmetry Breaking of Tight-Binding Models in Coupled Acoustic-Cavity Systems. 2020 , 14,	9
1055	Complex Modes on Dielectric Periodic Waveguides. 2020 ,	
1054	Large enhancement of second-harmonic generation in MoS ₂ by one dimensional photonic crystals. 2020 , 322, 114043	3
1053	Bound States Sustained in Dielectric Photonic Crystals and Metasurfaces and Wavefront Manipulation. 2020 ,	
1052	Nonlinear Bound States in the Continuum of Etchless Lithium Niobate Metasurfaces. 2020 , 12, 1-9	3
1051	Plasmonic Nanolasers in On-Chip Light Sources: Prospects and Challenges. 2020 , 14, 14375-14390	20
1050	Collective radiation from distant emitters. 2020 , 102,	4
1049	Rotational symmetry of photonic bound states in the continuum. 2020 , 10, 18243	2
1048	Surface States on Photonic Crystals As Hybrid Dielectric Metasurface Bound States of the Termination Layer. 2020 , 7, 2842-2849	1
1047	Recent Progress in Nanolaser Technology. 2020 , 32, e2001996	17
1046	Enhancement of the Luminescence Signal from Self-Assembled Ge(Si) Nanoislands due to Interaction with the Modes of Two-Dimensional Photonic Crystals. 2020 , 54, 975-981	0

1045	Exploiting Topological Properties of Mie-Resonance-Based Hybrid Metasurfaces for Ultrafast Switching of Light Polarization. 2020 , 7, 2362-2373	9
1044	Experimental observation of the acoustic Z2 Weyl semimetallic phase in synthetic dimensions. 2020 , 102,	4
1043	Metasurfaces with Maximum Chirality Empowered by Bound States in the Continuum. 2020 , 125, 093903	68
1042	Bound states in the continuum in abruptly terminated dielectric slab waveguides. 2020 , 1461, 012204	
1041	Fano feature induced by a bound state in the continuum via resonant state expansion. 2020 , 10, 13691	6
1040	Parametric dependence of bound states in the continuum on periodic structures. 2020 , 102,	5
1039	Decay of symmetry-protected quantum states. 2020 , 102,	
1038	Hinge modes and surface states in second-order topological three-dimensional quantum Hall systems induced by charge density modulation. 2020 , 102,	0
1037	Topology in momentum space becomes real. 2020 , 14, 595-596	3
1036	Beyond spontaneous emission: Giant atom bounded in the continuum. 2020 , 102,	9
1035	Coupled electric and magnetic dipole formulation for planar arrays of particles: Resonances and bound states in the continuum for all-dielectric metasurfaces. 2020 , 102,	15
1034	Tailoring the lineshapes of coupled plasmonic systems based on a theory derived from first principles. 2020 , 9, 158	11
1033	Edge state, bound state, and anomalous dynamics in the Aubry-Andr�Harper system coupled to non-Markovian baths. 2020 , 102,	1
1032	Optical bistability with bound states in the continuum in dielectric gratings. 2020 , 102,	9
1031	High-Sensitive Refractive Index Sensing Enabled by Topological Charge Evolution. 2020 , 12, 1-10	3
1030	A Mathematical Theory for Fano Resonance in a Periodic Array of Narrow Slits. 2020 , 80, 2045-2070	7
1029	Searching for distinct classes of atomic and molecular states using convergence and separability criteria. 2020 , 139, 1	1
1028	Coexistence of a new type of bound state in the continuum and a lasing threshold mode induced by PT symmetry. 2020 , 6, eabc1160	18

1027	Equivalence of reflection paths of light and Feynman paths in stacked metasurfaces. 2020 , 102,	3
1026	Truncated Radial Oscillators with a Bound State in the Continuum via Darboux Transformations. 2020 , 1540, 012029	1
1025	Broadband Field Enhancement and Giant Nonlinear Effects in Terminated Unidirectional Plasmonic Waveguides. 2020 , 14,	9
1024	Dynamics of a dark mode excitation in nonlinear systems. 2020 ,	
1023	Propagation of exciton-polaritons in monolayer semiconductor coupled to a bound state in the continuum. 2020 ,	
1022	Theory of reflectionless scattering modes. 2020 , 102,	13
1021	Ultrasensitive Surface Refractive Index Imaging Based on Quasi-Bound States in the Continuum. 2020 , 14, 15417-15427	29
1020	Bound States in the Continuum in One-Dimensional Dimerized Plasmonic Gratings. 2020 , 37, 067802	0
1019	A Terahertz Traveling-Wave Tube Based on Defect Photonic Crystal Waveguide. 2020 , 48, 1936-1941	5
1018	Virtual Critical Coupling. 2020 , 7, 1468-1475	14
1017	Bianisotropy for light trapping in all-dielectric metasurfaces. 2020 , 101,	15
1016	Bound States in the Continuum in Anisotropic Plasmonic Metasurfaces. 2020 , 20, 6351-6356	71
1015	Lasing Action in Single Subwavelength Particles Supporting Supercavity Modes. 2020 , 14, 7338-7346	34
1014	Normal-Incidence-Excited Strong Coupling between Excitons and Symmetry-Protected Quasi-Bound States in the Continuum in Silicon Nitride-WS Heterostructures at Room Temperature. 2020 , 11, 4631-4638	15
1013	Bound states in the continuum and exceptional points in dielectric waveguide equipped with a metal grating. 2020 , 22, 073029	5
1012	Collapse of the Fano Resonance Caused by the Nonlocality of the Majorana State. 2020 , 111, 286-292	2
1011	Quasi-BIC Resonant Enhancement of Second-Harmonic Generation in WS Monolayers. 2020 , 20, 5309-5314	63
1010	Tunable All-Dielectric Metasurfaces for Phase-Only Modulation of Transmitted Light Based on Quasi-bound States in the Continuum. 2020 , 7, 1813-1829	21

1009	A suspended metasurface achieves complete light absorption: a 50 nm-thick optical nanomicrophone. 2020 , 12, 18049-18055	1
1008	On-Chip Diffraction-Free Beam Guiding beyond the Light Cone. 2020 , 13,	11
1007	Generalized Maxwell projections for multi-mode network Photonics. 2020 , 10, 9038	6
1006	Acoustic demultiplexer based on Fano and induced transparency resonances in slender tubes. 2020 , 90, 10902	12
1005	Resonant Polariton Effects in a Structure of Equidistant Layers of a Single-Phase Hyperbolic Medium with Spatial Dispersion. 2020 , 111, 311-319	2
1004	Symmetry-broken silicon disk array as an efficient terahertz switch working with ultra-low optical pump power. 2020 , 29, 084209	4
1003	BIC-solitons in one-dimensional photonic crystal slab. 2020 , 1461, 012030	
1002	Line Singularities and Hopf Indices of Electromagnetic Multipoles. 2020 , 14, 2000049	11
1001	Inverse Design of Photonic Crystals through Automatic Differentiation. 2020 , 7, 1729-1741	36
1000	Highly Sensitive THz Gas-Sensor Based on the Guided Bloch Surface Wave Resonance in Polymeric Photonic Crystals. 2020 , 13,	8
999	Excitation of Nonradiating Anapoles in Dielectric Nanospheres. 2020 , 124, 097402	25
998	Bound States in the Continuum in a T-Shape Nanohole Array Perforated in a Photonic Crystal Slab. 2020 , 15, 1261-1271	9
997	Multiple perfectly transmitting states of a single level at strong coupling. 2020 , 129, 47001	0
996	Self-Assembled Binary Photonic Crystals under the Active Confinement and Their Light Trapping. 2020 , 36, 4224-4230	
995	Nonlinear optics with resonant metasurfaces. 2020 , 45, 210-220	36
994	Excitation of Bound States in the Continuum via Second Harmonic Generations. 2020 , 80, 864-880	8
993	Bound state in the continuum in topological inductor-capacitor circuit. 2020 , 116, 263501	8
992	Berremian Embedded Eigenstates for Narrow-Band Absorption and Thermal Emission. 2020 , 13,	19

991	Collective Mie Resonances for Directional On-Chip Nanolasers. 2020 , 20, 5655-5661	13
990	Dielectric metasurfaces: From wavefront shaping to quantum platforms. 2020 , 95, 100584	12
989	Multifunctional Nonlocal Metasurfaces. 2020 , 125, 017402	29
988	Room-Temperature Lasing in Colloidal Nanoplatelets via Mie-Resonant Bound States in the Continuum. 2020 , 20, 6005-6011	50
987	Bound-state in the continuum of a photonic crystal metasurface: a platform for ultrasensitive sensing and near field amplification. 2020 , 1461, 012138	
986	Discrete embedded modes in the continuum in 2D lattices. 2020 , 384, 126704	
985	Ultrafast control of vortex microlasers. 2020 , 367, 1018-1021	210
984	Majorana bound state in the continuum: Coupling between a Majorana bound state and a quantum dot mediated by a continuum energy spectrum. 2020 , 101,	4
983	Resonant Excitation Analysis on Asymmetrical Lateral Leakage of Light in Finite Zero-Contrast Grating Mirror. 2020 , 12, 1-11	6
982	Non-Markovian Collective Emission from Macroscopically Separated Emitters. 2020 , 124, 043603	26
981	High-Q Fano resonance based on degenerate modes in a single dielectric point-defect photonic crystal cavity with xy asymmetry. 2020 , 13, 032006	3
980	Manipulating Photoluminescence of Carbon G-center in Silicon Metasurface with Optical Bound States in the Continuum. 2020 , 8, 1901830	13
979	Flat optics for image differentiation. 2020 , 14, 316-323	114
978	Spin-preserving chiral photonic crystal mirror. 2020 , 9, 23	26
977	Interactions between a magnon mode and a cavity photon mode mediated by traveling photons. 2020 , 101,	16
976	Bound states in the continuum and strong phase resonances in integrated Gires-Tournois interferometer. 2020 , 9, 83-92	14
975	Trends in Quantum Nanophotonics. 2020 , 3, 1900126	14
974	Subwavelength dielectric resonators for nonlinear nanophotonics. 2020 , 367, 288-292	257

973	Electromagnetic Funnel: Reflectionless Transmission and Guiding of Waves through Subwavelength Apertures. 2020 , 124, 033901	2
972	Compact Incoherent Image Differentiation with Nanophotonic Structures. 2020 , 7, 338-343	21
971	Multiple embedded eigenstates in nonlocal plasmonic nanostructures. 2020 , 101,	4
970	Lattice-Enhanced Fano Resonances from Bound States in the Continuum Metasurfaces. 2020 , 8, 1901572	30
969	Bound states with complex frequencies near the continuum on lossy periodic structures. 2020 , 101,	7
968	Transverse magneto-optical Kerr effect enhanced at the bound states in the continuum. 2020 , 101,	7
967	Quasiflat band enabling subradiant two-photon bound states. 2020 , 101,	13
966	Bound states in the continuum in symmetric and asymmetric photonic crystal slabs. 2020 , 101,	19
965	Circuit-Based Magnetic Hyperbolic Cavities. 2020 , 13,	9
964	Non-Hermitian Hamiltonians and Quantum Transport in Multi-Terminal Conductors. 2020 , 22,	0
963	Nonlinear Optics in Dielectric Guided-Mode Resonant Structures and Resonant Metasurfaces. 2020 , 11,	5
962	Silicon-Waveguide-Integrated High-Quality Metagrating Supporting Bound State in the Continuum. 2020 , 14, 1900430	8
961	. 2020 , 108, 628-654	18
960	Resonant-state expansion for planar photonic crystal structures. 2020 , 101,	6
959	Resonant field enhancement near bound states in the continuum on periodic structures. 2020 , 101,	5
958	Perturbation theories for symmetry-protected bound states in the continuum on two-dimensional periodic structures. 2020 , 101,	5
957	Observation of topologically enabled unidirectional guided resonances. 2020 , 580, 467-471	74
956	Enhancement of the optical gain in GaAs nanocylinders for nanophotonic applications. 2020 , 127, 153102	1

955	Singular Points of Polarizations in the Momentum Space of Photonic Crystal Slabs. 2020 , 124, 153904	19
954	Nonlinear polaritons in a monolayer semiconductor coupled to optical bound states in the continuum. 2020 , 9, 56	55
953	Fano resonance in metallic grating via strongly coupled subwavelength resonators. 2021 , 32, 370-394	2
952	Photonic Bound States in the Continuum: From Basics to Applications. 2021 , 9, 2001469	64
951	Observation of Supercavity Modes in Subwavelength Dielectric Resonators. 2021 , 33, e2003804	18
950	Effect of Damping on Magnetic Induced Resonances in Cross Waveguide Structures. 2021 , 34, 597-608	2
949	Bound states in the continuum of nanohole array with symmetry broken in THz. 2021 , 225, 165761	4
948	Single-electron emission from degenerate quantum levels. 2021 , 127, 114531	0
947	Topology and broken Hermiticity. 2021 , 17, 9-13	8
946	Momentum-space imaging spectroscopy for the study of nanophotonic materials. 2021 , 66, 824-838	5
945	Dielectric Metasurfaces Enabling Advanced Optical Biosensors. 2021 , 8, 47-60	53
944	Embedded eigenstate in a single resonator for sensing. 2021 ,	
943	Remote weak-signal measurement via bound states in optomechanical systems. 2021 , 73, 025102	1
942	Tunable plasmonic bound states in the continuum in the visible range. 2021 , 103,	18
941	Experimental observation of bound states in the continuum generated by spatial symmetry breaking. 2021 ,	
940	Frontiers of light manipulation in natural, metallic, and dielectric nanostructures. 2021 , 44, 1-68	8
939	Local field enhancement using a photonic-plasmonic nanostructure. 2021 , 29, 1102-1108	5
938	Enhancing third-harmonic generation by quasi bound states in the continuum in silicon nanoparticle arrays. 2021 , 0-0	0

- 937 Billiard-like resonances in metallic nanostructures and their use for efficient ultrafast nonlinear optics. **2021**,
- 936 Single and Multi-Mode Directional Lasing from Arrays of Dielectric Nanoresonators. **2021**, 15, 2000411 17
- 935 Frequency conversion in nano-waveguides using bound-state-in-continuum. **2021**, 46, 242-245 3
- 934 Critical coupling vortex with grating-induced high Q-factor optical Tamm states. **2021**, 29, 4672-4680 6
- 933 Photonic demultiplexers based on Fano and induced transparency resonances. **2021**, 193-217
- 932 Resonance-trapped bound states in the continuum in metallic THz metasurfaces. **2021**, 46, 162-165 9
- 931 Photonic monomode circuits: comb structures. **2021**, 219-285
- 930 Extended Bound States in the Continuum with Symmetry-Broken Terahertz Dielectric Metasurfaces. **2021**, 9, 2002001 24
- 929 Metasurfaces with Bound States in the Continuum Enabled by Eliminating First Fourier Harmonic Component in Lattice Parameters. **2021**, 126, 013601 5
- 928 Recent advances in nanocavities and their applications. **2021**, 57, 4875-4885 4
- 927 Optical Bound States in Continuum in MoS-Based Metasurface for Directional Light Emission. **2021**, 21, 967-972 15
- 926 Magnetically Tunable Graphene-Based Terahertz Metasurface. **2021**, 8, 1
- 925 Chalcogenide-based, all-dielectric, ultrathin metamaterials with perfect, incidence-angle sensitive, mid-infrared absorption: inverse design, analysis, and applications. **2021**, 13, 11455-11469 1
- 924 Multipole lattice effects in high refractive index metasurfaces. **2021**, 129, 040902 21
- 923 Low-Loss Zero-Index Materials. **2021**, 21, 914-920 12
- 922 Electric Fano resonance-based terahertz metasensors. **2021**, 13, 18467-18472 8
- 921 Bifurcations of thresholds in essential spectra of elliptic operators under localized non-Hermitian perturbations. **2021**, 146, 834-880 1
- 920 Arbitrary polarization-independent backscattering or reflection by rotationally symmetric reciprocal structures. **2021**, 103,

919	Exploring the Optical Bound State in the Continuum in a Dielectric Grating Coupled Plasmonic Hybrid System. 2021 , 9, 2001895	13
918	From Fano to Quasi-BIC Resonances in Individual Dielectric Nanoantennas. 2021 , 21, 1765-1771	24
917	Electro-optic lithium niobate metasurfaces. 2021 , 64, 1	9
916	Wavefront shaping and modulation with resonant electro-optic phase gradient metasurfaces. 2021 , 118, 071104	7
915	Controlling Microwaves in Non-Hermitian Metamaterials. 2021 , 15,	3
914	Chiral Quasi-Bound States in the Continuum. 2021 , 126, 073001	36
913	On-Chip Optical Detection of Viruses: A Review. 2021 , 2, 2000150	8
912	High-Q perfect absorption induced by the coupling of LSP and SPP modes. 2021 , 129, 083103	3
911	Doubly-Resonant Photonic Crystal Cavities for Efficient Second-Harmonic Generation in III-V Semiconductors. 2021 , 11,	2
910	Vacancy-like Dressed States in Topological Waveguide QED. 2021 , 126, 063601	10
909	Spectral Discrimination Sensors Based on Nanomaterials and Nanostructures: A Review. 2021 , 21, 4044-4060	4
908	Cavity optomechanics with photonic bound states in the continuum. 2021 , 3,	7
907	Plasmonic nanocavity for obtaining bound state in the continuum in silicon waveguides. 2021 , 29, 9312-9323	4
906	Dynamical Characteristics of Twin-Microring Lasers With Mutual Optical Injection. 2021 , 39, 1444-1450	2
905	Shaping quantum photonic states using free electrons. 2021 , 7,	12
904	Capturing Broadband Light in a Compact Bound State in the Continuum. 2021 , 8, 813-823	10
903	Double-layer metasurface for enhanced photon up-conversion. 2021 , 6, 036103	2
902	Photonic bandgap engineering using second-order supersymmetry. 2021 , 4,	1

8901	Manipulating mode degeneracy for tunable spectral characteristics in multi-microcavity photonic molecules. 2021 , 29, 11181-11193	3
900	Merging Bound States in the Continuum at Off-High Symmetry Points. 2021 , 126, 117402	17
899	Observation of an Accidental Bound State in the Continuum in a Chain of Dielectric Disks. 2021 , 15,	8
898	Highly Controllable Etchless Perovskite Microlasers Based on Bound States in the Continuum. 2021 , 15, 7386-7391	12
897	Strongly resonant silicon slot metasurfaces with symmetry-protected bound states in the continuum. 2021 , 29, 10374-10385	26
896	Strongly entangled system-reservoir dynamics with multiphoton pulses beyond the two-excitation limit: Exciting the atom-photon bound state. 2021 , 103,	0
895	Ion-cut lithium niobate on insulator technology: Recent advances and perspectives. 2021 , 8, 011307	51
894	Photonic resonator interferometric scattering microscopy. 2021 , 12, 1744	11
893	Highly tunable dual bound states in the continuum in bulk Dirac semimetal metasurface. 2021 , 14, 042002	3
892	Evolution and global charge conservation for polarization singularities emerging from non-Hermitian degeneracies. 2021 , 118,	5
891	Quasi-Bound States in the Continuum with Temperature-Tunable Q Factors and Critical Coupling Point at Brewster's Angle. 2021 , 15, 2000290	6
890	Engineering of multiple bound states in the continuum by latent representation of freeform structures. 2021 , 9, B96	4
889	Quantum Borrmann effect for dissipation-immune photon-photon correlations. 2021 , 103,	0
888	Near-Field Excitation of Bound States in the Continuum in All-Dielectric Metasurfaces through a Coupled Electric/Magnetic Dipole Model. 2021 , 11,	8
887	Conditional robustness of propagating bound states in the continuum in structures with two-dimensional periodicity. 2021 , 103,	4
886	Flatness and boundness of photonic drumhead surface state in a metallic lattice. 2021 , 11, 8684	0
885	Highly efficient polarization-entangled photon-pair generation in lithium niobate waveguides based on bound states in continuum. 2021 , 29, 12110-12123	2
884	Enhancing single photon emission through quasi-bound states in the continuum of monolithic hexagonal boron nitride metasurface. 2021 , 4, 035001	0

883	Displacement-mediated bound states in the continuum in all-dielectric superlattice metasurfaces. 2021 , 2,	9
882	Master origination by 248 nm DUV lithography for plasmonic color generation. 2021 , 118, 141103	0
881	Plasmonic hot-electron photodetection with quasi-bound states in the continuum and guided resonances. 2021 ,	4
880	The influence of periodicity on the optical response of cube silicon metasurfaces. 2021 , 23, 104057	2
879	Silicon metasurfaces with bound states in the continuum for high-harmonic generation. 2021 ,	
878	Rabi oscillations of bound states in the continuum. 2021 , 46, 2091-2094	3
877	Topological scattering singularities and embedded eigenstates for polarization control and sensing applications.	10
876	Low-threshold and controllable nanolaser based on quasi-BIC supported by an all-dielectric eccentric nanoring structure. 2021 , 29, 12634-12643	5
875	Magnetic Quasi-Bound State in the Continuum for Wireless Power Transfer. 2021 , 15,	4
874	Accidental and symmetry-protected bound states in the continuum in a photonic-crystal slab: A resonant-state expansion study. 2021 , 103,	4
873	Interference traps waves in an open system: bound states in the continuum. 2021 , 84,	28
872	Spin-to-orbital angular momentum conversion in symmetric dielectric nanorings. 2021 , 118, 161106	0
871	One-Stage Formation of Two-Dimensional Photonic Crystal and Spatially Ordered Arrays of Self-Assembled Ge(Si) Nanoislandson Pit-Patterned Silicon-On-Insulator Substrate. 2021 , 11,	3
870	Multiple Fano resonances excitation on all-dielectric nanohole arrays metasurfaces. 2021 , 29, 14905-14916	11
869	Toroidal dipole Fano resonances supported by lattice-perturbed dielectric nanohole arrays in the near-infrared region. 2021 , 60, 3458-3463	1
868	Dimensional Magnetoacoustic Effects in Resonant Scattering of Longitudinal Phonons by a Layered Magnetic Structure. 2021 , 113, 477-486	1
867	Circularly polarized states and propagating bound states in the continuum in a periodic array of cylinders. 2021 , 103,	3
866	Non-Hermiticity-Governed Active Photonic Resonances. 2021 , 126, 163901	3

865	Ultimate conversion efficiency of second harmonic generation in all-dielectric resonators of quasi-BICs in consideration of nonlinear refraction of dielectrics. 2021 , 29, 17286-17294	7
864	Directly grown crystalline gallium phosphide on sapphire for nonlinear all-dielectric nanophotonics. 2021 , 118, 201101	5
863	On the robustness of bound states in the continuum in waveguides with lateral leakage channels. 2021 , 29, 16695-16709	0
862	Plasmon Launching and Scattering by Silicon Nanoparticles. 2021 , 8, 1582-1591	10
861	Near-Zero Index Photonic Crystals with Directive Bound States in the Continuum. 2021 , 15, 2000559	2
860	Quantum Embedded Superstates. 2021 , 4, 2000121	3
859	Unidirectional guided resonances in anisotropic waveguides. 2021 , 46, 2545-2548	2
858	Higher-order topology and fractional charge in monolayer graphene. 2021 , 3,	4
857	Single-photon nonreciprocal excitation transfer with non-Markovian retarded effects. 2021 , 103,	5
856	Two-dimensional photonic metasurfaces for slow light-controlled photocatalysis.	0
855	Metallic Plasmonic Array Structures: Principles, Fabrications, Properties, and Applications. 2021 , e2007988	21
854	Experimental Evidence of the Existence of Bound States in the Continuum and Fano Resonances in Solid-Liquid Layered Media. 2021 , 15,	4
853	Highly efficient second harmonic generation of thin film lithium niobate nanograting near bound states in the continuum. 2021 , 32,	11
852	Band dynamics accompanied by bound states in the continuum at the third-order Γ point in leaky-mode photonic lattices. 2021 , 9, 1109	2
851	Recent advances in ultraviolet nanophotonics: from plasmonics and metamaterials to metasurfaces. 2021 , 10, 2283-2308	10
850	Subwavelength structure enabled ultra-long waveguide grating antenna. 2021 , 29, 15133-15144	3
849	Imaging-based spectrometer-less optofluidic biosensors based on dielectric metasurfaces for detecting extracellular vesicles. 2021 , 12, 3246	36
848	Extremize Optical Chiralities through Polarization Singularities. 2021 , 126, 253901	6

847	Generation of High Harmonics in Silicon Metasurfaces Boosted by Bound States in the Continuum. 2021,	
846	Creation of Fano resonances and bound states in the continuum in metallic metasurface superlattices. 2021, 29, 21492-21501	
845	Asymmetric excitations of toroidal dipole resonance and magnetic dipole quasi-bound state in the continuum in an all-dielectric metasurface.	2
844	High Q-Factor Hybrid Metamaterial Waveguide Multi-Fano Resonance Sensor in the Visible Wavelength Range. 2021, 11,	4
843	Bound States in the Continuum in Elasticity. 2021, 103, 102718	2
842	All-optical switch based on novel physics effects. 2021, 129, 210906	1
841	Intermittent decoherence blockade in a chiral ring environment. 2021, 11, 12834	0
840	Physics and Applications of High- \mathbb{Q} Micro- and Nanolasers. 2021, 9, 2100415	5
839	Bound States in the Continuum and Unidirectional Guided Resonances in Anisotropic Structures with Multiple Radiation Channels. 2021,	
838	Excitation of a bound state in the continuum via spontaneous symmetry breaking. 2021, 103,	1
837	Nanoparticle Trapping in a Quasi-BIC System. 2021, 8, 1961-1971	7
836	Plasmonic-photonic cavity for high-efficiency single-photon blockade. 2021, 64, 1	6
835	Using symmetry bandgaps to create a line of bound states in the continuum in 3D photonic crystals. 2021,	
834	Photonic Bound States in the Continuum in Si Structures with the Self-Assembled Ge Nanoislands. 2021, 15, 2000242	8
833	Analogue of electromagnetically-induced transparency with ultra-narrow bandwidth in a silicon terahertz metasurface. 2021, 11, 1943	2
832	Non-Hermitian metasurfaces for the best of plasmonics and dielectrics.	5
831	Terahertz vortex beam generator based on bound states in the continuum. 2021, 29, 25270-25279	3
830	Ultralow-threshold laser using super-bound states in the continuum. 2021, 12, 4135	35

829	Light Confinement by Local Index Tailoring in Inhomogeneous Dielectrics. 2021 , 15, 2100115	
828	Controllable finite ultra-narrow quality-factor peak in a perturbed Dirac-cone band structure of a photonic-crystal slab. 2021 , 119, 031105	4
827	Terahertz high-Q quasi-bound states in the continuum in laser-fabricated metallic double-slit arrays. 2021 , 29, 24779-24791	9
826	Optical super-resonance in a customized π -symmetric system of hybrid interaction. 2021 , 29, 24663-24673	0
825	Holography, Fourier Optics, and Beyond Photonic Crystals: Holographic Fabrications for Weyl Points, Bound States in the Continuum, and Exceptional Points. 2021 , 2, 2100061	6
824	Exciton-Photonics: From Fundamental Science to Applications. 2021 ,	12
823	Enhancement of Second-Harmonic Generation in a Micropillar Resonator Due to the Engineered Destructive Interference. 2021 , 114, 124	
822	Lasing Action from Anapole Metasurfaces. 2021 , 21, 6563-6568	12
821	Negative refraction mediated by bound states in the continuum. 2021 , 9, 1592	2
820	Dispersive bands of bound states in the continuum. 2021 ,	1
819	Geometry symmetry-free and higher-order optical bound states in the continuum. 2021 , 12, 4390	4
818	Photonic-dispersion neural networks for inverse scattering problems. 2021 , 10, 154	1
817	Polarization Singularities of Photonic Quasicrystals in Momentum Space. 2021 , 127, 043901	3
816	Low-Loss Photonic Integrated Elements Based on Bound Bloch Surface Wave in the Continuum. 2021 , 16,	2
815	Point-Defect-Localized Bound States in the Continuum in Photonic Crystals and Structured Fibers. 2021 , 127, 023605	8
814	Dispersion Engineering for a Metastructure Composed of a High-Contrast Subwavelength Grating and a Distributed Bragg Reflector. 2021 , 2, 2000172	2
813	Near-unity third-harmonic circular dichroism driven by a quasibound state in the continuum in asymmetric silicon metasurfaces. 2021 , 104,	13
812	Quasibound states in the continuum induced by PT symmetry breaking. 2021 , 104,	2

811	Bound states in the continuum on perfect conducting reflection gratings*. 2021 , 30, 084211	0
810	Enhancing Goos-Hñchen shift based on magnetic dipole quasi-bound states in the continuum in all-dielectric metasurfaces. 2021 , 29, 29541-29549	7
809	Low-Threshold Bound State in the Continuum Lasers in Hybrid Lattice Resonance Metasurfaces. 2021 , 15, 2100118	13
808	Novel non-plasmonic nanolasers empowered by topology and interference effects. 2021 ,	4
807	Bound States in the Continuum on a Silicon Chip with Dynamic Tuning. 2021 , 16,	1
806	Hybrid anisotropic plasmonic metasurfaces with multiple resonances of focused light beams. 2021 , 21, 8917-8923	19
805	Dual quasibound states in the continuum in compound grating waveguide structures for large positive and negative Goos-Hñchen shifts with perfect reflection. 2021 , 104,	12
804	Ridge resonators: impact of excitation beam and resonator losses. 2021 , 29, 27092-27103	0
803	Perfect absorption of flexural waves induced by bound state in the continuum. 2021 , 47, 101364	3
802	Nonlinear control of photonic higher-order topological bound states in the continuum. 2021 , 10, 164	15
801	Planar narrow bandpass filter based on Si resonant metasurface. 2021 , 130, 053105	4
800	Surface Plasmonic Sensors: Sensing Mechanism and Recent Applications. 2021 , 21,	11
799	Laplace metasurfaces for optical analog computing based on quasi-bound states in the continuum. 2021 , 9, 1758	3
798	Sound trapping in an open resonator. 2021 , 12, 4819	9
797	Three-Dimensional Higher-Order Topological Insulator Protected by Cubic Symmetry. 2021 , 16,	0
796	Plexcitonic Quasi-Bound States in the Continuum. 2021 , 17, e2102596	1
795	Submicrometer perovskite plasmonic lasers at room temperature. 2021 , 7,	8
794	Ultra-coherent Fano laser based on a bound state in the continuum. 2021 , 15, 758-764	11

793	Multiband quasibound states in the continuum engineered by space-group-invariant metasurfaces. 2021 , 104,	4
792	Non-Abelian Charged Nodal Links in a Dielectric Photonic Crystal. 2021 , 8, 2746-2754	2
791	Symmetric metasurface with dual band polarization-independent high-Q resonances governed by symmetry-protected BIC. 2021 , 46, 4049-4052	15
790	Parametric dependence of bound states in the continuum in periodic structures: Vectorial cases. 2021 , 104,	0
789	Quantum superposition demonstrated higher-order topological bound states in the continuum. 2021 , 10, 173	7
788	Quasi-bound states in the continuum in metal complementary periodic cross-shaped resonators at terahertz frequencies. 2021 , 46, 4370-4373	6
787	Quantum caging in interacting many-body all-bands-flat lattices. 2021 , 104,	1
786	All-Dielectric Crescent Metasurface Sensor Driven by Bound States in the Continuum. 2104652	25
785	Optimized pulses for population transfer via laser-induced continuum structures. 2021 , 104,	1
784	Fabrication robustness in BIC metasurfaces. 2021 ,	14
783	High-Q Chiroptical Resonances by Quasi-Bound States in the Continuum in Dielectric Metasurfaces with Simultaneously Broken In-Plane Inversion and Mirror Symmetries. 2021 , 9, 2101162	4
782	Bound states in the continuum in strong-coupling and weak-coupling regimes under the cylinder \square ring transition. 2021 ,	3
781	Y-Shaped Demultiplexer Photonic Circuits Based on Detuned Stubs: Application to Radiofrequency Domain. 2021 , 8, 386	3
780	Elastic bound state in the continuum with perfect mode conversion. 2021 , 154, 104502	8
779	Fano resonance for applications. 2021 , 13, 703	8
778	Strong coupling between excitons in a two-dimensional atomic crystal and quasibound states in the continuum in a two-dimensional all-dielectric asymmetric metasurface. 2021 , 104,	3
777	High Quality Factor Silicon Membrane Metasurface for Intensity-Based Refractive Index Sensing. 2021 , 2, 193-199	9
776	Photonic crystal lasers: from photonic crystal surface emitting lasers (PCSEs) to hybrid external cavity lasers (HECLs) and topological PhC lasers [Invited]. 2021 , 11, 3245	0

775	The generating and modulating characteristics of bound states in the continuum for both TE and TM polarizations by one-dimensional photonic crystal slabs. 2021 , 23, 105202	
774	Engineering gallium phosphide nanostructures for efficient nonlinear photonics and enhanced spectroscopies. 2021 ,	4
773	Active angular tuning and switching of Brewster quasi bound states in the continuum in magneto-optic metasurfaces. 2021 ,	4
772	Bound states in the continuum in asymmetrical quantum-mechanical and electromagnetic waveguides. 2021 , 104,	2
771	Edge state mimicking topological behavior in a one-dimensional electrical circuit.	1
770	Integrated diffraction gratings on the Bloch surface wave platform supporting bound states in the continuum. 2021 ,	6
769	High-quality-factor dual-band Fano resonances induced by dual bound states in the continuum using a planar nanohole slab. 2021 , 16, 150	6
768	Observation of an Optical Bound State in Photonic Crystal Slabs with U-Shape Nanohole Array. 1	1
767	Universal coupled theory for metamaterial bound states in the continuum. 2021 , 23, 093017	8
766	A Bifunctional Silicon Dielectric Metasurface Based on Quasi-Bound States in the Continuum. 2021 , 11,	1
765	Simulating topological robustness of Fano resonance in rotated Honeycomb photonic crystals. 2021 , 46, 100948	4
764	Dirac-like cone-based electromagnetic zero-index metamaterials. 2021 , 10, 203	5
763	Refractive index sensing and switching of leaky states in a metasurface. 2021 , 46, 5120-5123	
762	Quasi-BIC-governed light absorption of monolayer transition-metal dichalcogenide-based absorber and its sensing performance. 2021 , 54, 485106	2
761	Meta-optical and thin film devices for all-optical information processing. 2021 , 8, 031309	6
760	Free switch between bound states in the continuum (BIC) and quasi-BIC supported by graphene-metal terahertz metasurfaces. 2021 , 182, 506-515	18
759	Fourier-component engineering to control light diffraction beyond subwavelength limit. 2021 ,	0
758	Weyl Semimetal Path to Valley Filtering in Graphene. 2021 , 127, 126801	0

757	Unveiling the Symmetry Protection of Bound States in the Continuum with Terahertz Near-Field Imaging. 2021 , 8, 3010-3016	4
756	Strong optomechanical coupling in chain-like waveguides of silicon nanoparticles with quasi-bound states in the continuum. 2021 , 46, 4466-4469	0
755	Analogue of Electromagnetically Induced Transparency in an All-Dielectric Double-Layer Metasurface Based on Bound States in the Continuum. 2021 , 11,	3
754	Metasurface-Driven Optically Variable Devices. 2021 , 121, 13013-13050	26
753	High-Q resonances governed by bound states in the continuum of a cross-shape nanohole array perforated on a photonic crystal slab. 2021 , 243, 167449	
752	Exploring the route from leaky Berreman modes to bound states in continuum. 2021 , 498, 127223	1
751	Electromagnetic induced transparency, induced absorption, and Fano resonances in photonic circuits. 2021 , 155-191	
750	Serial loop structures: photonic bandgaps, confined, cavity, and surface modes. 2021 , 287-331	
749	Temperature-dependent circular conversion dichroism from chiral metasurfaces patterned in Dirac semimetal CdAs. 2021 , 23, 13128-13135	3
748	Nanoelectromechanical tuning of dual-mode resonant metasurfaces. 2021 ,	
747	Acoustic Realization of a Four-Dimensional Higher-Order Chern Insulator and Boundary-Modes Engineering. 2021 , 11,	5
746	Interacting resonances and antiresonances in conjugated hydrocarbons: exceptional points and bound states in the continuum. 2021 , 23, 20854-20866	1
745	High-Q resonances governed by the quasi-bound states in the continuum in all-dielectric metasurfaces. 2021 , 4, 200030-200030	14
744	Efficient second-harmonic generation in high Q-factor asymmetric lithium niobate metasurfaces. 2021 , 46, 633-636	11
743	Linewidth narrowing of aluminum breathing plasmon resonances in Bragg grating decorated nanodisks. 2021 , 3, 4286-4291	1
742	Nanoparticle Trapping in Symmetry-breaking System. 2021 ,	
741	Using symmetry bandgaps to create bound states in the continuum in 3D photonic crystals. 2021 ,	
740	High-Q Transparency Band in All-Dielectric Metasurfaces Induced by a Quasi Bound State in the Continuum. 2021 , 15, 2000263	29

739	Plasmonic Demultiplexer Based on Induced Transparency Resonances: Analytical and Numerical Study. 2021 , 239-247	5
738	Acousto-optic modulation of photonic bound state in the continuum. 2020 , 9, 1	241
737	One-dimensional photonic bound states in the continuum. 2020 , 3,	31
736	Bound states of spin-orbit coupled cold atoms in a Dirac delta-function potential. 2020 , 53, 125301	0
735	Bound in continuum states and induced transparency in mesoscopic demultiplexer with two outputs. 2020 , 29, 127301	2
734	Symmetry-protected dual quasi-bound states in the continuum with high tunability in metasurface. 2020 , 22, 125102	5
733	Integrated nanolasers via complex engineering of radiationless states. 2021 , 3, 011001	2
732	Unconventional Singularity in Anti-Parity-Time Symmetric Cavity Magnonics. 2020 , 125, 147202	28
731	High-harmonic generation at the nanoscale boosted by bound states in the continuum. 2019 , 1,	44
730	Casting dissipative compact states in coherent perfect absorbers. 2020 , 2,	1
729	Magnetically confined bound states in Rashba systems. 2020 , 2,	4
728	Qubit-photon corner states in all dimensions. 2020 , 2,	4
727	Photon-pair generation via bound states in the continuum in nonlinear metasurfaces. 2019 ,	1
726	Elastic Dipole Mechanism of the Formation and Collapse of Fano Resonances at the Transmission of Transverse Phonons through Layered Magnetic Heterostructures. 2020 , 112, 420-427	2
725	Anomalies in light scattering. 2019 , 11, 892	76
724	Photonic molecule quantum optics. 2020 , 12, 60	12
723	Photon-pair generation via bound states in the continuum in nonlinear metasurfaces. 2020 ,	1
722	Boosting Second-Harmonic Generation in Nonlinear Metasurfaces with Bound States in the Continuum. 2019 ,	2

721	High Q-Factor All-Dielectric Metasurface Based on Bound States in the Continuum. 2019 ,	2
720	Enhanced Circular Dichroism and Chiral Sensing with Bound States in the Continuum. 2019 ,	4
719	High-Harmonic Generation in Dielectric Metasurfaces Empowered by Bound States in the Continuum. 2020 ,	2
718	All-dielectric Metasurfaces for Infrared Absorption Spectroscopy Applications. 2019 ,	1
717	Propagating Bloch bound states with orbital angular momentum above the light line in the array of dielectric spheres. 2017 , 34, 949-952	11
716	Hybrid method of plane-wave and cylindrical-wave expansions for distributed Bragg-reflector pillars: formalism and its application to topological photonics. 2018 , 35, 2642	1
715	Phase-induced Fano antiresonance in a planar waveguide with two dielectric ridges. 2019 , 36, 3417	5
714	Lasing threshold of the bound states in the continuum in the plasmonic lattices. 2018 , 26, 28948-28962	8
713	Nearly complete survival of an entangled biphoton through bound states in continuum in disordered photonic lattices. 2018 , 26, 33205-33214	3
712	Characterization of microresonator-geometry-deformation for cavity optomechanics. 2019 , 27, 63-73	11
711	Oblique evanescent excitation of a dielectric strip: A model resonator with an open optical cavity of unlimited Q. 2019 , 27, 9313-9320	7
710	Mechanical bound states in the continuum for macroscopic optomechanics. 2019 , 27, 10138-10151	9
709	Band dynamics of leaky-mode photonic lattices. 2019 , 27, 18180-18189	9
708	Anapole: Its birth, life, and death. 2019 , 27, 23894-23904	9
707	Resonant properties of composite structures consisting of several resonant diffraction gratings. 2019 , 27, 25814-25828	7
706	Engineering zero modes, Fano resonance, and Tamm surface states in the waveguide-array realization of the modified Su-Schrieffer-Heeger model. 2019 , 27, 32900-32911	1
705	Photosensitive chalcogenide metasurfaces supporting bound states in the continuum. 2019 , 27, 33847-33853	15
704	Gain-loss engineering of bound states in the continuum for enhanced nonlinear response in dielectric nanocavities. 2020 , 28, 3009-3016	7

703	Polarization-independent toroidal dipole resonances driven by symmetry-protected BIC in ultraviolet region. 2020 , 28, 11983-11989	25
702	Near-field analysis of bound states in the continuum in photonic crystal slabs. 2020 , 28, 16288-16297	4
701	Bound states in the continuum for optomechanical light control with dielectric metasurfaces. 2020 , 28, 20106-20116	6
700	Toroidal dipole bound states in the continuum metasurfaces for terahertz nanofilm sensing. 2020 , 28, 17102-17112	25
699	Optical quantum frequency filter based on generalized eigenstates. 2020 , 28, 17868-17880	2
698	Quasi-bound states in the continuum for deep subwavelength structural information retrieval for DUV nano-optical polarizers. 2020 , 28, 23122-23132	3
697	Giant enhancement of harmonic generation in all-dielectric resonant waveguide gratings of quasi-bound states in the continuum. 2020 , 28, 34024-34034	12
696	Metasurface-bounded open cavities supporting virtual absorption: free-space energy accumulation in lossless systems. 2020 , 45, 3147-3150	8
695	Photonic simulation of giant atom decay. 2020 , 45, 3017-3020	12
694	Spontaneous symmetry breaking of nonlinear states in optical cavities with radiative losses. 2020 , 45, 3781-3784	4
693	Bound states in the continuum enable modulation of light intensity in the Faraday configuration. 2020 , 45, 6422-6425	12
692	Control of exceptional points in photonic crystal slabs. 2017 , 42, 2866-2869	9
691	Compact localized states of open scattering media: a graph decomposition approach for an ab initio design. 2019 , 44, 375-378	4
690	Effect of truncation on photonic corner states in a Kagome lattice. 2019 , 44, 4251-4254	11
689	Angular control of anisotropy-induced bound states in the continuum. 2019 , 44, 5362-5365	8
688	Q/V enhancement of micropillar resonator in bound states in the continuum regime. 2020 , 45, 181	8
687	Excitation of high Q toroidal dipole resonance in an all-dielectric metasurface. 2020 , 10, 358	19
686	Feature issue introduction: Metamaterials, Photonic Crystals and Plasmonics. 2019 , 9, 2400	1

685	Virtual optical pulling force. 2020 , 7, 1024	9
684	Doubly resonant second-harmonic generation of a vortex beam from a bound state in the continuum. 2020 , 7, 1126	17
683	Terahertz investigation of bound states in the continuum of metallic metasurfaces. 2020 , 7, 1548	38
682	Excitation of single-photon embedded eigenstates in coupled cavity-atom systems. 2019 , 6, 799	15
681	Spectral and temporal evidence of robust photonic bound states in the continuum on terahertz metasurfaces. 2019 , 6, 996	68
680	Doubly resonant $\chi^{(2)}$ nonlinear photonic crystal cavity based on a bound state in the continuum. 2019 , 6, 1039	44
679	Observation of spin-polarized directive coupling of light at bound states in the continuum. 2019 , 6, 1305	21
678	Photonic integrated circuits with bound states in the continuum. 2019 , 6, 1342	61
677	Adjustable large-area dielectric metasurfaces for near-normal oblique incident excitation. 2020 , 3, 971	4
676	Manipulating light radiation from a topological perspective. 2020 , 8, B25	10
675	Bound states in the continuum and high-Q resonances supported by a dielectric ridge on a slab waveguide. 2018 , 6, 1084	41
674	Integrated flat-top reflection filters operating near bound states in the continuum. 2019 , 7, 1314	28
673	Multipole and multimode engineering in Mie resonance-based metastructures. 2020 , 9, 1115-1137	37
672	Diffraction engineering for silicon waveguide grating antenna by harnessing bound state in the continuum. 2020 , 9, 1439-1446	10
671	Tunable nanophotonics enabled by chalcogenide phase-change materials. 2020 , 9, 1189-1241	134
670	Multipolar second-harmonic generation from high-Q quasi-BIC states in subwavelength resonators. 2020 , 9, 3953-3963	21
669	Fourier-plane investigation of plasmonic bound states in the continuum and molecular emission coupling. 2020 , 9, 4565-4577	12
668	Enhanced harmonic generation in gases using an all-dielectric metasurface. 2020 , 10, 733-740	4

667	Raman scattering in high-refractive-index nanostructures. 2021 , 10, 1197-1209	4
666	All-dielectric Mie-resonant metaphotonics. 2020 , 21, 425-442	3
665	Investigation of quasi-bound states in the continuum in terahertz metal complementary periodic cross-shaped resonators. 2021 ,	
664	Bound States in the Continuum Excited and Detected in the Near-Field. 2021 ,	
663	Dynamic conversion between bound states in the continuum (BIC) and quasi-BIC supported by terahertz metal metasurfaces. 2021 ,	
662	High Q Asymmetrical Terahertz Metasurface For Frequency Selective Applications. 2021 ,	
661	Efficient Subharmonic Frequency Conversion Using Space-Time Induced Bound States in the Continuum. 2021 ,	1
660	PT Symmetry Induced Rings of Lasing Threshold Modes Embedded with Discrete Bound States in the Continuum. 2021 , 38, 084203	2
659	Modeling and Experimental Characterization of Photonic Bound States in Silicon-on- Insulator Metastructures. 2021 ,	
658	Embedded Eigenstate Enables Perfect Absorption Tunable with Twist. 2021 ,	
657	Anomalies in light scattering: recent breakthroughs and nascent applications. 2021 ,	
656	Pulling electromagnetic force induced by virtual excitation. 2021 ,	
655	Chiral Topological Surface States on a Finite Square Photonic Crystal Bounded by Air. 2021 , 16,	0
654	Enhancing the photoluminescence response from thick Ge-on-Si layers using the photonic crystals.	0
653	High-Harmonic Optical Vortex Generation from Photonic Bound States in the Continuum. 2101497	2
652	Envisioning Quantum Electrodynamical Frameworks Based on Bio-Photonic Cavities. 2021 , 8, 470	1
651	Resonance-forbidden second-harmonic generation in nonlinear photonic crystals. 2021 ,	3
650	Strong Coupling of Exciton and High- Q Mode in All-Perovskite Metasurfaces. 2101120	8

649	Strong Two-Phonon Correlations and Bound States in the Continuum in Phononic Waveguides with Embedded SiV Centers. 2021 , 4, 2100074	0
648	Multidimensional phase singularities in nanophotonics. 2021 , 374, eabj0039	23
647	Reconfigurable Metasurface for Image Processing. 2021 , 21, 8715-8722	14
646	Ultra-narrowband and highly-directional THz thermal emitters based on the bound state in the continuum. 2021 ,	0
645	Active Control of Terahertz Toroidal Excitations in a Hybrid Metasurface with an Electrically Biased Silicon Layer. 2021 , 2, 2100103	6
644	Tip Coupling and Array Effects of Gold Nanoantennas in Near-Field Microscopy.	3
643	Bound states in the continuum and Fano resonances in subwavelength resonator arrays. 2021 , 62, 101506	0
642	True- and quasi-bound states in the continuum in one-dimensional gratings with broken up-down mirror symmetry. 2021 ,	0
641	Shifting beams at normal incidence via controlling momentum-space geometric phases. 2021 , 12, 6046	7
640	Sensitive THz sensing based on Fano resonance in all-polymeric Bloch surface wave structure. 2021 ,	4
639	Synthesizing quasi-bound states in the continuum in epsilon-near-zero layered materials. 2021 , 119, 171110	1
638	Water-based devices for advanced control of electromagnetic waves. 2021 , 8, 041304	10
637	Modulation of Q Factor and Fano Lineshape in Ge2Sb2Te5-Based Grating Structure. 2021 , 13, 1-7	0
636	Polarization-independent, Narrowband Transmission Filter Using Symmetry-protected Bound States in the Continuum. 2017 ,	
635	Photoluminescence behavior of nanoimprinted halide perovskite at low temperatures. 2018 ,	
634	Characterizing optical resonances using spatial mode reshaping. 2018 , 5, 1414	3
633	Waves stranded at sea: bound states in the continuum in a strong coupling regime. 2019 , 1, 1	
632	Nonlinear Mie-resonant Meta-optics and Nanophotonics. 2019 ,	

631 Strong Coupling and Bound States in the Continuum in Hybrid Photonic-Plasmonic Structure. **2019,**

630 Observation of Extraordinary SHG from All-Dielectric Nanoantennas Governed by Bound States in the Continuum. **2019,**

1

629 Coherent Virtual Absorption and Embedded Eigenstates in non-Hermitian P T -Symmetrical Systems. **2019,**

628 Coherently Driven Embedded Eigenstates. **2019,**

627 Nearly complete survival of entangled biphoton through bound states in continuum in disordered photonic lattices. **2019,**

626 Bound states in the continuum through environment engineering. **2019,**

625 New Resonance Behavior based on Bound States in the Continuum in a Silicon Photonic Waveguide Platform. **2019,**

624 Symmetry-Broken High Contrast Gratings. **2019,**

623 Extreme All-dielectric Huygens Metasurfaces based on Quasi-bound States in the Continuum. **2019**

622 Principles of leaky-mode photonic lattices: Band flips and Bloch mode dynamics. **2019,**

1

621 Bound states in the continuum and Fano resonances in the Dirac cone spectrum. **2019,** 36, 2221

1

620 Shaping long-lived electron wavepackets for customizable optical spectra. **2019,** 6, 1089

619 Bound states in the continuum in symmetric and asymmetric photonic crystal slabs. **2019,**

618 Nonlinear imaging through magnetic dipole quasi-BIC ultra-thin resonators. **2019,**

617 Ultra-high sensitivity near multiple bound states in the continuum in microcavity resonators. **2020,**

616 Integrated Spectral Filters Consisting of Several Dielectric Ridges on the Surface of a Slab Waveguide. **2020,**

615 Van Hove bound states in the continuum: Localized subradiant states in finite open lattices. **2020,** 101,

2

614 Compact disordered magnetic resonators designed by simulated annealing algorithm. **2020,** 9, 3629-3636

1

613	Analytical and numerical study of T-shaped plasmonic demultiplexer based on Fano and induced transparency resonances.	2
612	Observation of miniaturized bound states in the continuum with ultra-high quality factors. 2021 , 67, 359-359	9
611	Nanophotonic Materials for Twisted Light Manipulation. 2021 , e2106692	5
610	Broadband and Ultra-Low Threshold Optical Bistability in Guided-Mode Resonance Grating Nanostructures of Quasi-Bound States in the Continuum. 2021 , 11,	0
609	High-Q Fano Terahertz Resonance Based on Bound States in the Continuum in All-dielectric Metasurface. 2021 , 575, 151723	3
608	Electronic Properties of Branched Molecular Structures Review. 2020 , 54, 1741-1750	
607	Ultrafast Control of Microlasers. 2020 , 31, 36	0
606	Dirac equation in (1 + 1) dimensional curved space-time: Bound states and bound states in continuum. 2021 , 96, 025303	
605	Chiral excitation and effective bandwidth enhancement in tilted waveguide lattices. 2020 , 45, 6667-6670	
604	Asymmetric all-dielectric active metasurface for efficient dual reflection modulation. 2022 , 505, 127539	2
603	Doubly resonant photonic crystal cavity based on a bound state in the continuum for efficient second harmonic generation. 2020 ,	
602	Observation of Supercavity Modes in Individual Subwavelength Dielectric Resonators. 2020 ,	
601	Efficient High-order Optical Harmonics Generation from Resonant Semiconductor Metasurfaces Supporting Bound States in the Continuum. 2020 ,	
600	Dual Quasi-Bound States in the Continuum Modes for Optical Activity Manipulation. 2021 , 1-1	0
599	Realization of a high-Q resonance by quasi-bound states in the continuum in a silicon metasurface with defects. 2020 ,	0
598	Cherenkov radiation based on metamaterials. 2020 , 69, 154103	
597	Bound States in the Continuum of Higher-Order Topological Photonic Systems. 2020 ,	
596	Bound states in the continuum in composite structures consisting of two dielectric diffraction gratings with Lorentzian line shape. 2020 ,	

595	Low Index Asymmetric Bound States in the Continuum for Low Loss Integrated Photonics. 2020,	1
594	Photonic integrated circuits with bound states in the continuum. 2020,	
593	Plasmonic band structures and its applications. 2020, 69, 157301	2
592	Bound States in the Continuum for Enhanced Generation of High Optical Harmonics. 2020,	1
591	Chiral and Spatially Tailored Quasi-Bound States in the Continuum. 2020,	
590	Room-Temperature Lasing Action from All-dielectric Metasurfaces Near Bound States in the Continuum. 2020,	0
589	Analysis of stability catastrophe of confocal cavity. 2020, 69, 224202	1
588	Dynamics of Topological Polarization Singularity in Momentum Space. 2021, 127, 176101	1
587	Resonant states and their role in nanophotonics.	3
586	Nonlinear Dielectric Nanoantennas and Metasurfaces: Frequency Conversion and Wavefront Control.	9
585	Remote excitation between quantum emitters mediated by an optical Fano resonance.	1
584	Photon-emitter dressed states in a closed waveguide. 2021, 104,	1
583	Bound states in the continuum in resonant nanostructures: an overview of engineered materials for tailored applications. 2021,	18
582	Giant Asymmetric Second-Harmonic Generation in Bianisotropic Metasurfaces Based on Bound States in the Continuum.	0
581	Photonic topological transition in dimerized chain with the joint modulation of near-field and far-field couplings.	0
580	Interface states and bound states in the continuum in photonic crystals with different lattice constants. 2020, 45, 5652-5655	1
579	Toroidal Excitations in Metamaterials. 2021, 109-121	
578	Gap-enhanced toroidal dipole and magnetic Fano resonances with polarization independence in all-dielectric metamaterials for sensing. 2020, 14,	0

577	Low-contrast grating induced high-Q modes of laser cavity. 2020 ,	
576	High-Q resonance in GeSn-based bound states in the continuum microcavity. 2020 , 59, 10093-10101	
575	Engineering a lightmatter strong coupling regime in perovskite-based plasmonic metasurface: quasi-bound state in the continuum and exceptional points. 2020 , 8, A91	9
574	Engineering photonic environments for two-dimensional materials. 2021 , 10, 1031-1058	5
573	BIC in waveguide arrays. 2021 , 255, 07001	1
572	Photonic BICs in Si structures with Ge self-assembled quantum dots. 2021 ,	
571	Polarization Switching Between Electric and Magnetic Quasi-Trapped Modes in Bianisotropic All-Dielectric Metasurfaces. 2100206	1
570	Phase-Only Tuning of Extreme Huygens Metasurfaces Enabled by Optical Anisotropy. 2101893	5
569	Interactions of the solitons in periodic driven-dissipative systems supporting quasibound states in the continuum.. 2021 , 104, 054214	
568	Polarization-Independent Quasibound States in the Continuum. 2100144	2
567	High-Q states in acoustic apple-shaped resonators. 2021 , 2015, 012040	
566	Elastic Trapped Modes in Solid Acoustic Resonators of Various Shapes. 2021 , 2015, 012032	
565	Optical meta-waveguides for integrated photonics and beyond. 2021 , 10, 235	32
564	High-Q Localized States in Finite Arrays of Subwavelength Resonators.	1
563	Multidimensional nanoscopic chiroptics.	14
562	Topological Control of 2D Perovskite Emission in the Strong Coupling Regime. 2021 , 21, 10076-10085	2
561	Understanding and Controlling Mode Hybridization in Multicavity Optical Resonators Using Quantum Theory and the Surface Forces Apparatus.	3
560	Photonic bound states in the continuum in nanostructured transition metal dichalcogenides for strong photon-exciton coupling.. 2021 , 46, 6095-6098	2

559	Stability of bound states in the continuum in low-contrast photonic structures. 2021 , 2015, 012090	
558	Second-harmonic generation enhancement in high-contrast micropillar AlGaAs resonator in bound states in the continuum regime. 2021 , 2015, 012067	
557	Optical heating of doped semiconductor nanocylinders supporting quasi-BIC modes. 2021 , 2015, 012129	
556	Extended bound states in the continuum in a one-dimensional grating implemented on a distributed Bragg reflector. 2021 ,	0
555	Scattering spectra of dielectric ring: microwave experiments. 2021 , 2015, 012144	
554	Are there bound states in the continuum in a dielectric ring?. 2021 , 2015, 012017	
553	Low-loss erbium-incorporated rare-earth oxide waveguides on Si with bound states in the continuum and the large optical signal enhancement in them. 2021 , 29, 41132	1
552	Universality of excited three-body bound states in one dimension.	1
551	Bound State in the Continuum in Nanoantenna-Coupled Slab Waveguide Enables Low-Threshold Quantum-Dot Lasing. 2021 , 21, 9754-9760	3
550	Observation of intensity flattened phase shifting enabled by unidirectional guided resonance. 2021 , 10, 4467-4475	0
549	Nonradiating sources for efficient wireless power transfer. 2021 , 10, 4399-4408	4
548	Bound states in the continuum in periodic structures with structural disorder. 2021 , 10, 4313-4321	6
547	Label-free DNA biosensing by topological light confinement. 2021 , 10, 4279-4287	5
546	Modal Properties of Photonic Crystal Cavities and Applications to Lasers. 2021 , 11,	2
545	Light-matter interactions enhanced by quasi-bound states in the continuum in a graphene-dielectric metasurface. 2021 , 29, 40177-40186	6
544	Achieving extreme light confinement in low-index dielectric resonators through quasi-bound states in the continuum.. 2021 , 46, 6087-6090	2
543	Terahertz spin-selective perfect absorption enabled by quasi-bound states in the continuum.. 2022 , 47, 505-508	5
542	Bandwidth-tunable near-infrared perfect absorption of graphene in a compound grating waveguide structure supporting quasi-bound states in the continuum. 2021 , 29, 41975	5

541	Refractive index sensing by asymmetric dielectric gratings with both bound states in the continuum and guided mode resonances.	2
540	Ultrasensitive terahertz sensing in all-dielectric asymmetric metasurfaces based on Quasi-BIC.	4
539	. 2021 , 1-1	1
538	An Asymmetric Grating Refractive Index Sensor Generating Quasi-Bound States in the Continuum with High Figure of Merit and Temperature Self-Compensation.	0
537	Quasi-BIC Mode Lasing in a Quadrumer Plasmonic Lattice.. 2022 , 9, 224-232	4
536	A supersymmetric approach to the problem of micro-bending attenuation in optical waveguides. 2022 , 507, 127743	0
535	Near-infrared nonreciprocal thermal emitters induced by asymmetric embedded eigenstates. 2022 , 186, 122435	2
534	Theoretical and experimental investigation of the emergence of surface states on photonic crystals as hybrid dielectric metasurface bound states of the termination layer. 2020 ,	
533	Electromagnetic analogue of a first-type leaky surface elastic wave for the single interface between transparent dielectric media. 2020 , 63, 872-887	0
532	Boost In Second Harmonic Generation Via Quasi-Bound States In The Continuum in a Gain-Loss Assisted Core-Shelled Nanowire. 2020 ,	
531	Terahertz Ultrahigh-Q Metasurface Enabled by Out-Of-Plane Asymmetry. 2020 ,	
530	Direct Observation of THz Bound States in the Continuum. 2020 ,	
529	Nanoparticle trapping using quasi-BIC modes. 2021 ,	
528	Bound States in the Continuum-assisted High-Q Optical Absorption using Resonant Dielectric Metasurfaces on Metal. 2021 ,	
527	Coherent Terahertz Smith-Purcell Radiation Assisted by Quasi-BIC. 2021 ,	
526	Accidental bound state in the continuum in a chain of dielectric disks. 2021 ,	1
525	Fabrication-Friendly Ultra-Long Waveguide Grating Antenna for Silicon-on-Insulator Platform. 2021 ,	
524	Angular Pinning of Accidental Bound State in the Continuum. 2021 ,	

523	Quasi-BIC laser enabled by high-contrast grating resonator for gas detection. 2022 , 11, 297-304	7
522	Roadmap on topological photonics.	4
521	Excitations of Multiple Fano Resonances Based on Permittivity-Asymmetric Dielectric Meta-Surfaces for Nano-Sensors. 2022 , 14, 1-7	0
520	Mixtures of Multipoles Should They Be in Your EM Toolbox?. 2022 , 3, 154-188	5
519	Graphene optical modulators using bound states in the continuum.. 2022 , 12, 1445	0
518	Acoustic Metamaterials for Noise Reduction: A Review. 2100698	18
517	Analogue of electromagnetically induced transparency in square slotted silicon metasurfaces supporting bound states in the continuum.. 2022 , 30, 4615-4630	8
516	Advances and applications of nanophotonic biosensors.. 2022 , 17, 5-16	38
515	High-Harmonic Generation from Resonant Dielectric Metasurfaces Empowered by Bound States in the Continuum.	8
514	Controlling exciton distribution in WS ₂ monolayer on a photonic crystal. 2022 , 15, 022004	
513	Quasi-bound states in the continuum with high Q -factors in metasurfaces of lower-index dielectrics supported by metallic substrates.. 2022 , 12, 1961-1967	1
512	Dual quasi-bound states in the continuum in graphene/dielectric hybrid metamaterial from out-of-plane symmetry protection. 1-7	0
511	Second order nonlinear frequency generation at the nanoscale in dielectric platforms. 2022 , 7,	0
510	Metasurface-empowered spectral and spatial light modulation for disruptive holographic displays.. 2022 ,	1
509	Realization of Polaritonic Topological Charge at Room Temperature Using Polariton Bound States in the Continuum from Perovskite Metasurface. 2102386	2
508	Low-Symmetry Nanophotonics. 2022 , 9, 2-24	0
507	Boosting the Efficiency of Smith-Purcell Radiators Using Nanophotonic Inverse Design.	1
506	Optical Rashba effect in a light-emitting perovskite metasurface.. 2022 , e2109157	8

505	Ultra-high Q-factor toroidal dipole resonance and magnetic dipole quasi-bound state in the continuum in an all-dielectric hollow metasurface. 2022 , 32, 025403	2
504	High-Q localized surface plasmon resonance based on bound states in the continuum for enhanced refractive index sensing.. 2022 , 47, 609-612	3
503	Topological properties of non-isotropic 2D SSH models. 2022 ,	
502	Dual-band polarization-insensitive toroidal dipole quasi-bound states in the continuum in a permittivity-asymmetric all-dielectric meta-surface.. 2022 , 30, 4084-4095	5
501	Nanoscale mapping of optically inaccessible bound-states-in-the-continuum.. 2022 , 11, 20	6
500	Study on the characteristics of a photonic crystal sensor with rectangular lattice based on bound states in the continuum. 2022 , 55, 175106	0
499	Flat metasurfaces with square supercells of 2x2 dielectric disk quadrumers: tailoring the β structure of toroidal mode local field.	2
498	Synthetic Topological Nodal Phase in Bilayer Resonant Gratings.. 2022 , 128, 053002	2
497	Bound states in the continuum of the periodic nanostructure with three nanobars in one lattice. 2022 , 253, 168588	
496	Sieving of nanometer enantiomers using Bound states in the continuum from metasurfaces.	0
495	Resonant optical modes in periodic nanostructures. 1	1
494	Hermitian and Non-Hermitian Dirac-Like Cones in Photonic and Phononic Structures. 2022 , 10,	1
493	Multiband and array effects in matter-wave-based waveguide QED. 2022 , 105,	0
492	Lineshape study of optical force spectra on resonant structures.. 2022 , 30, 6142-6160	
491	Ring of bound states in the continuum in the reciprocal space of a monolayer of high-contrast dielectric spheres. 2022 , 105,	0
490	Emergent magnonic singularities in anti parity-time symmetric synthetic antiferromagnets.	0
489	Active quasi-BIC optical vortex generators for ultrafast switching.	2
488	High-Quality-Factor Silicon-on-Lithium Niobate Metasurfaces for Electro-optically Reconfigurable Wavefront Shaping.. 2022 ,	5

487	Bound States in the Continuum in a Dielectric Ridge on the Surface of a One-Dimensional Photonic Crystal. 2021 , 85, 1492-1495	
486	Imaging with metamaterials. 2022 , 4, 85-100	10
485	Spectral amplitude modulation and dynamic near-field displaying of all-silicon terahertz metasurfaces supporting bound states in the continuum. 2021 , 119, 241105	5
484	Evolution and Nonreciprocity of Loss-Induced Topological Phase Singularity Pairs.. 2021 , 127, 266101	6
483	New Type of Dark States in the Spectrum of Radiative Magnon Polarons. 2022 , 115, 84-92	
482	Scaling Challenges in High Power Photonic Crystal Surface-Emitting Lasers. 2022 , 1-1	1
481	Efficient Frequency Conversion with Geometric Phase Control in Optical Metasurfaces.. 2022 , e2104508	0
480	Tailoring bound states in the continuum in symmetric photonic crystal slabs by coupling strengths.. 2022 , 30, 8049-8062	1
479	Non-Hermitian metasurface with non-trivial topology. 2022 , 11, 1159-1165	2
478	Trends in Nanophotonics-Enabled Optofluidic Biosensors. 2022 , 10, 2102366	8
477	Seeing is believing.. 2022 , 11, 45	0
476	Topological Photonic Crystals: Physics, Designs, and Applications. 2022 , 16, 2100300	8
475	Efficient Second-Harmonic Generation from Silicon Slotted Nanocubes with Bound States in the Continuum. 2100498	3
474	Bound States in the Continuum in Compact Acoustic Resonators.. 2022 , 128, 084301	4
473	Optical Bound States in the Continuum Enabled by Magnetic Resonances Coupled to a Mirror.. 2022 ,	2
472	Twelve tales in mathematical physics: An expanded Heineman prize lecture. 2022 , 63, 021101	2
471	Symmetry-protected bound states in the continuum in graphene nanoribbons.	1
470	Enhanced four-wave mixing from multi-resonant silicon dimer-hole membrane metasurfaces. 2022 , 24, 035002	1

469	Tunable and enhanced optical force with bound state in the continuum.. 2022 , 47, 1774-1777	1
468	Bound state in the continuum in an anisotropic photonic crystal supported by a full-wave phase plate. 2022 , 39, 968	2
467	Metasurfaces with high-Q resonances governed by topological edge state.. 2022 , 47, 1822-1825	0
466	Enhanced Light-Matter Interaction in Two-Dimensional Transition Metal Dichalcogenides.. 2021 ,	4
465	Bound states in the continuum supported by silicon oligomer metasurfaces.. 2022 , 47, 1549-1552	6
464	Bound states in the continuum from a symmetric mode with a dominant toroidal dipole resonance. 2022 , 105,	0
463	Active optical metasurfaces: comprehensive review on physics, mechanisms, and prospective applications.. 2022 , 85,	10
462	Extreme Diffraction Control in Metagratings Leveraging Bound States in the Continuum and Exceptional Points. 2100617	5
461	Recent advances on strong light-matter coupling in atomically thin TMDC semiconductor materials.	2
460	Spontaneous symmetry breaking and the dynamics of three interacting nonlinear optical resonators with gain and loss.. 2022 , 105, 034203	
459	Bound States in the Continuum Based on the Total Internal Reflection of Bloch Waves.	0
458	Enhanced generation of angle correlated photon-pairs in nonlinear metasurfaces. 2022 , 24, 035006	2
457	Genealogy of Leaky, Surface, and Plasmonic Modes in Partially Open Waveguides. 2022 , 17,	0
456	Fundamentals and Applications of Topological Polarization Singularities. 2022 , 10,	
455	Bound states in the continuum on flatbands of symmetry-broken photonic crystal slabs.	0
454	Coexistence of surface lattice resonances and bound states in the continuum in a plasmonic lattice.. 2022 , 47, 1510-1513	1
453	Multifunctional Virus Manipulation with Large-Scale Arrays of All-Dielectric Resonant Nanocavities. 2100197	4
452	Observing localization and delocalization of the flat-band states in an acoustic cubic lattice. 2022 , 105,	1

451	Tunable Directional Emission and Collective Dissipation with Quantum Metasurfaces.. 2022 , 128, 113601	1
450	Numerical Study on a Bound State in the Continuum Assisted Plasmonic Refractive Index Sensor. 2022 , 9, 224	0
449	Optical Pulse Compression Assisted by High-Q Time-Modulated Transmissive Metasurfaces. 2100449	3
448	Tuning symmetry-protected quasi bound state in the continuum using terahertz meta-atoms of rotational and reflectional symmetry.	1
447	Enhanced sensitivity of an all-dielectric refractive index sensor with an optical bound state in the continuum. 2022 , 105,	3
446	Multifaceted anapole: from physics to applications [Invited]. 2022 , 12, 1817	3
445	Dirac fermions in armchair graphene nanoribbons trapped by electric quantum dots. 2022 , 105,	0
444	Boundary-Induced Embedded Eigenstate in a Single Resonator for Advanced Sensing.	2
443	Resonance-trapped bound states in the continuum via all-silicon terahertz metasurface. 2022 , 128274	0
442	Mid-infrared spectral reconstruction with dielectric metasurfaces and dictionary learning.. 2022 , 47, 2490-2493	0
441	Analytical theory of finite-size photonic crystal slabs near the band edge.. 2022 , 30, 14033-14047	0
440	Connecting steady-states of driven-dissipative photonic lattices with spontaneous collective emission phenomena. 2022 , 24, 043001	0
439	Coupled system of Dirac fermions with different Fermi velocities via composites of SUSY operators. 2022 , 435, 128053	
438	Enhancing light absorption of graphene with dual quasi bound states in the continuum resonances. 2022 , 283, 108150	1
437	Taper-assisted coupling between two optical cavities at exceptional point and bound state in the continuum. 2022 , 513, 128076	1
436	Long-lived resonances: Photonic triangular pyramid. 2022 , 50, 101022	4
435	Spectral stability of bound state in the continuum resonances due to thermal effect and the application as efficient thermo-optic modulators. 2022 , 515, 128216	
434	Magnetic modulation of Fano resonances in optically thin terahertz superlattice metasurfaces. 2022 , 55, 135109	0

433	Observation of bound states in the continuum embedded in symmetry bandgaps.. 2021 , 7, eabk1117	1
432	Monopole embedded eigenstates in nonlocal plasmonic nanospheres. 2021 , 119, 261101	1
431	Experimental demonstration of ultrathin broken-symmetry metasurfaces with controllably sharp resonant response. 2021 , 119, 231601	1
430	Polarization insensitive symmetry protected quasi-bound states in the continuum at terahertz band. 2021 , 130, 233102	2
429	Giant Enhancement of Unconventional Photon Blockade in a Dimer Chain.. 2021 , 127, 240402	1
428	Bound Topological Edge State in the Continuum for All-Dielectric Photonic Crystals. 2021 , 16,	1
427	Polarization-independent perfect absorber enabled by quasibound states in the continuum. 2021 , 104,	7
426	Manipulating Optical Scattering of Quasi-BIC in Dielectric Metasurface with Off-Center Hole.. 2021 , 12,	2
425	Photonic and Plasmonic Metasensors. 2022 , 16, 2100328	11
424	Observation of Giant Extrinsic Chirality Empowered by Quasi-Bound States in the Continuum. 2021 , 16,	3
423	Asymmetric Lineshapes of Efimov Resonances in Mass-Imbalanced Ultracold Gases. 2021 , 9, 110	0
422	High-Quality Optical Hotspots with Topology-Protected Robustness. 2022 , 9, 241-248	0
421	Photonic crystal meso-cavity with double resonance for second-harmonic generation. 2021 , 54, 245401	1
420	Tailoring Third-Harmonic Diffraction Efficiency by Hybrid Modes in High-Q Metasurfaces. 2021 ,	3
419	All-dielectric ϵ^2 metasurfaces: recent progress. 2020 , 210093-210093	3
418	Unfolded band structures of photonic quasicrystals and moiré superlattices. 2022 , 105,	0
417	Terahertz bound state in the continuum in dielectric membrane metasurfaces.	
416	Quasi-BIC Enhanced Broadband Terahertz Generation in All-Dielectric Metasurface. 2200193	1

415	Optomechanical Modulation Spectroscopy of Bound States in the Continuum in a Dielectric Metasurface. 2022 , 17,	1
414	Full 2π-tunable phase modulation using avoided crossing of resonances.. 2022 , 13, 2103	1
413	Beyond Q: The Importance of the Resonance Amplitude for Photonic Sensors.	2
412	Rayleigh-Bloch waves above the cutoff. 2022 , 940,	0
411	Three port photonic and plasmonic demultiplexers based on Cross and U-shaped stub structures: Application for filtering and sensing. 2022 , 131, 153102	2
410	Green's functions of and emission into discrete anisotropic and hyperbolic baths. 2022 , 4,	
409	Flexible Confinement and Manipulation of Mie Resonances via Nano Rectangular Hollow Metasurfaces. 2200185	1
408	Free-space-coupled wavelength-scale disk resonators. 2022 ,	
407	Terahertz sensing with high sensitivity and substance identification capability using a novel High-quality resonance supported by a thin structured silicon film. 2022 , 152, 108177	0
406	Exceptional points in lossy media lead to deep polynomial wave penetration with spatially uniform power loss.. 2022 ,	1
405	Current-induced hole spin polarization in a quantum dot a chiral quasi bound state.. 2022 ,	0
404	Temporal and spectral hybrid bound state in continuum and its reliance on the correlation.. 2022 ,	0
403	Tunable Single-Photon Scattering of a Giant E-type Atom in a SQUID-Chain Waveguide. 2022 , 10,	0
402	Bound States in the Continuum Empower Subwavelength Gratings for Refractometers in Visible. 2022 , 9, 292	1
401	All-Optical Tuning of Fano Resonance for Quasi-BIC and Terahertz Sensing Applications. 2022 , 12, 4207	0
400	Controlling Topology and Polarization State of Lasing Photonic Bound States in Continuum. 2100574	4
399	Linewidths and energy shifts of electron-impurity resonant states in quantum wells with infinite barriers. 2022 , 105,	
398	Bound states in the continuum versus material losses: Ge2Sb2Te5 as an example. 2022 , 105,	2

- 397 Controlling the harmonic generation in transition metal dichalcogenides and their heterostructures. **2022**, 0
- 396 Resonant tunneling and bound states in the continuum. **2022**, 48, 389-395
- 395 Enhanced Smith-Purcell radiation from bound states in the continuum of metallic gratings. **2022**, 55, 295102 1
- 394 Terahertz Hybrid Optical-Plasmonic Modes: Tunable Resonant Frequency, Narrow Linewidth, and Strong Local Field Enhancement.
- 393 Highly-sensitive sensor based on toroidal dipole governed by bound state in the continuum in dielectric non-coaxial core-shell cylinder. 2
- 392 Nanophotonic nonlinear and laser devices exploiting bound states in the continuum. **2022**, 5, 0
- 391 Analogue of electromagnetically induced transparency in all-dielectric metasurface induced by quasi-bound state in the continuum for switching. 1-8
- 390 Magnetic Modulation of Topological Polarization Singularities in Momentum Space. 0
- 389 Bound States in the Continuum in a Metal-dielectric Photonic Crystal with a Birefringent Defect.
- 388 Circuit quantum electrodynamics simulator of the two-dimensional Su-Schrieffer-Heeger model: higher-order topological phase transition induced by a continuously varying magnetic field. **2022**, 30, 17054 0
- 387 Switchable Gratings for Ultracompact and Ultrahigh Modulation Depth Plasmonic Switches. 1
- 386 Multifunctional and Transformative Metaphotonics with Emerging Materials.. **2022**, 4
- 385 Topological Supercavity Resonances in the Finite System.. **2022**, e2200257 4
- 384 High-Q filtering and dynamic modulation in all-dielectric metasurfaces induced by quasi-BIC. **2022**, 30, 18264 0
- 383 Ultra-broadband near-field magnetic shielding realized by the Halbach-like structure. **2022**, 120, 192201
- 382 Freezable bound states in the continuum for time-dependent quantum potentials. **2022**, 441, 168882
- 381 Terahertz metasurfaces based on bound states in the continuum (BIC) for high-sensitivity refractive index sensing. **2022**, 261, 169248 2
- 380 Reconfigurable photon localization by coherent drive and dissipation in photonic lattices.

379	Topological bound states in elastic phononic plates induced by disclinations. 2022 , 38,	2
378	Nonlinear optical heating of all-dielectric super-cavity: efficient light-to-heat conversion through giant thermorefractive bistability. 2022 ,	0
377	One-dimensional quasi bound states in the continuum in the \mathbb{R}^k space for nonlinear optical applications.	1
376	A Biosensor Based on Bound States in the Continuum and Fano Resonances in a Solid-Liquid-Solid Triple Layer. 2022 , 12, 707	0
375	Nonlinear response of Q-boosting metasurfaces beyond the time-bandwidth limit. 2022 ,	0
374	Enhancement of Smith-Purcell radiation from cylindrical gratings by bound states in the continuum.	1
373	Highly efficient nonlinear optical emission from a subwavelength crystalline silicon cuboid mediated by supercavity mode.. 2022 , 13, 2749	1
372	Polariton Bose-Einstein condensate from a bound state in the continuum.. 2022 , 605, 447-452	8
371	Terahertz waves dynamic diffusion in 3D printed structures. 2022 , 12,	0
370	Tailoring Accidental Double Bound States in the Continuum in All-Dielectric Metasurfaces. 2200301	3
369	Multiple toroidal dipole symmetry-protected bound states in the continuum in all-dielectric metasurfaces. 2022 , 154, 108252	1
368	Ultrasensitive flexible terahertz plasmonic metasurface sensor based on bound states in the continuum. 2022 , 1-1	2
367	Ultra-broadband Subwavelength Grating Coupler for Bound State in Continuum. 2022 , 1-1	0
366	On-chip multiple beam splitting assisted by bound states in the continuum.	
365	Developing momentum in vanishing index photonics. 2022 , 11,	
364	Manipulating strong coupling between exciton and quasibound states in the continuum resonance. 2022 , 105,	3
363	Two-particle states in one-dimensional coupled Bose-Hubbard models. 2022 , 105,	
362	Use of transmission and reflection complex time delays to reveal scattering matrix poles and zeros: Example of the ring graph. 2022 , 105,	2

361	Surface bound states in the continuum in Dyakonov structures. 2022 , 105,	1
360	Third- and Second-Harmonic Generation in All-Dielectric Nanostructures: A Mini Review. 2022 , 4,	1
359	Bound valley edge states in the continuum.	0
358	Spatiotemporal Lineshape Tailoring in BIC-Mediated Reconfigurable Metamaterials. 2203680	4
357	Evolution of polarization singularities accompanied by avoided crossing in a plasmonic system.	
356	Ultra-high Q resonances governed by quasi-bound states in the continuum in all-dielectric THz metamaterials. 2022 , 128555	1
355	Effect of symmetry breaking on bound states in the continuum in waveguide arrays. 2022 , 105,	1
354	Realization of tunable dual-type quasi-bound states in the continuum based on Dirac semimetal metasurface.	2
353	Magnetic tuning of liquid crystal dielectric metasurfaces. 2022 ,	0
352	Ultra-high quality perfect absorber based on quasi bound states in the continuum. 2022 , 131, 213104	2
351	All-dielectric bilayer complementary metasurfaces supporting quasi-bound states in the continuum induced by intrinsically broken out-of-plane symmetry.	0
350	Polarization-controlled dynamically switchable high-harmonic generation from all-dielectric metasurfaces governed by dual bound states in the continuum. 2022 , 105,	6
349	A Low-loss zero-index photonic crystal slab based on toroidal dipole mode.	
348	Fano effect induced giant and robust enhancement of photon correlations in cavity QED systems.	0
347	Nonperturbative waveguide quantum electrodynamics. 2022 , 4,	0
346	Small mode volume topological photonic states in one-dimensional lattices with dipole-quadrupole interactions. 2022 , 4,	
345	Moiré Quasibound States in the Continuum. 2022 , 128,	1
344	Approximating transmission and reflection spectra near isolated nondegenerate resonances. 2022 , 105,	0

- 343 Substrate-supported nano-objects with high vibrational quality factors. **2022**, 131, 244301 1
- 342 Enhanced Purcell factor for nanoantennas supporting interfering resonances. **2022**, 4, 0
- 341 Nonlinear and Ultrafast All-Dielectric Metasurfaces at the Center for Integrated Nanotechnologies. 0
- 340 Adjustable converter of bound state in the continuum basing on metal-graphene hybrid metasurfaces. **2022**, 30, 23828 4
- 339 Topologically Enabled Ultrahigh-Q Chiroptical Resonances by Merging Bound States in the Continuum. **2022**, 47, 3291 1
- 338 The robustness of symmetry-protected BICs in dielectric metasurfaces. 0
- 337 Second-harmonic generation from singular metasurfaces. **2022**, 105, 0
- 336 Unveiling atom-photon quasi-bound states in hybrid plasmonic-photonic cavity. **2022**, 11, 3307-3317 2
- 335 A topology optimization of open acoustic waveguides based on a scattering matrix method. **2022**, 102987
- 334 Optical Metasurfaces for Energy Conversion. 4
- 333 Bound states in the continuum in multipolar lattices. **2022**, 105, 0
- 332 Guiding-mode-assisted double-BICs in an all-dielectric metasurface. **2022**, 30, 24676 0
- 331 Electrical modulation of high-Q guided-mode resonances using graphene. **2022**, 8, 100185
- 330 Multiple photonic bound states in the continuum in an electromagnetically induced transparency metasurface. **2022**, 1-9
- 329 Optical Sensing by Metamaterials and Metasurfaces: From Physics to Biomolecule Detection. 2200500 1
- 328 Heterogeneous integrated quantum-dot emitters efficiently driven by a quasi-BIC-supporting dielectric nanoresonator. 0
- 327 Magnetoplasmonic coupling in graphene nanodisk dimers: An extended coupled-dipole model for circularly polarized states. **2022**, 105, 1
- 326 Parametric Nonlinear Optics with Layered Materials and Related Heterostructures. 2100726 3

325	Unidirectional Bound States in the Continuum in Weyl Semimetal Nanostructures.	0
324	Tailoring electromagnetic responses in a coupled-grating system with combined modulation of near-field and far-field couplings. 2022 , 105,	4
323	Tailoring Polarization Conversion in Achiral All-Dielectric Metasurfaces by Using Quasi-Bound States in the Continuum. 2022 , 12, 2252	0
322	Acoustic Purcell effect induced by quasibound state in the continuum. 2022 ,	1
321	Loss-induced phase transition in mid-infrared plasmonic metamaterials for ultrasensitive vibrational spectroscopy.	1
320	All-Dielectric Refractive Index Sensor Based on Multiple Fano Resonance with High Sensitivity in the Long-Wave Infrared Region. 2022 , 12, 970	1
319	Merging bound states in the continuum by harnessing higher-order topological charges. 2022 , 11,	1
318	Real transmission and reflection zeros of periodic structures with a bound state in the continuum. 2022 , 106,	0
317	Optical nonreciprocity via transmissive time-modulated metasurfaces. 2022 ,	1
316	Efficient Excitation and Tuning of Multi-Fano Resonances with High Q-Factor in All-Dielectric Metasurfaces. 2022 , 12, 2292	2
315	Light trapping and manipulation of quasibound states in continuum Ge ₂ Sb ₂ Se ₄ Te metasurfaces. 2022 , 106,	1
314	Dual-Quasi Bound States in the Continuum Enabled Plasmonic Metasurfaces. 2200965	6
313	Non-volatile MWIR/LWIR beam reconfigurability with all-dielectric metagratings comprising phase-change materials with a high-refractive-index shift.	0
312	Quasi-Bound States in the Continuum Enhanced Second-Harmonic Generation in Thin-Film Lithium Niobate. 2200031	3
311	Planar chiral metasurfaces with maximal and tunable chiroptical response driven by bound states in the continuum. 2022 , 13,	12
310	Bound States In and Out of the Continuum in Nanoribbons with Wider Sections: A Novel Algorithm based on the Recursive S-Matrix Method. 2200116	0
309	Diffraction Nonlocal Metasurfaces. 2100633	6
308	Numerical study of terahertz radiations from difference frequency generation with large spectral tunability and significantly enhanced conversion efficiencies boosted by 1D leaky modes. 2022 , 55, 385106	0

- 307 Superior terahertz sensing metasurface based on ultrahigh-Q toroidal dipole governed by quasi-BIC. 0
- 306 Robust Fano resonance induced by topologically protected interface modes interference at gigahertz.
- 305 Asymptotically tunable quantum states and threshold scattering anomalies. **2022**, 106,
- 304 Quasi-BIC-Based High-Q Perfect Absorber with Decoupled Resonant Wavelength and Q Factor. **2022**, 11, 2313
- 303 Terahertz metasurface with multiple BICs/QBICs based on a split ring resonator. **2022**, 30, 29088
- 302 Height-Driven Symmetry Breaking for High-Q Resonances in All-Dielectric Metasurfaces. **2022**,
- 301 Designing two-dimensional temperature profiles using tunable thermoplasmonics. **2022**, 14, 12117-12128 0
- 300 Quasi-BIC based low-voltage phase modulation on lithium niobite metasurface. **2022**, 1-1 0
- 299 Bound states in the continuum in a two-channel Fano-Anderson model. **2022**, 106,
- 298 Frequency perturbation theory of bound states in the continuum in a periodic waveguide. **2022**, 106,
- 297 Spontaneous emission of a quantum emitter near a graphene nanodisk under strong light-matter coupling. **2022**, 106, 3
- 296 Planar Optical Cavities Hybridized with Low-Dimensional Light-Emitting Materials. 2203889 1
- 295 Mutual coupling of corner-localized quasi-BICs in high-order topological PhCs and sensing applications. **2022**, 30, 29258 0
- 294 Anapole state as a new paradigm for highly efficient wireless power transfer. **2022**,
- 293 Spatially entangled photon pairs from lithium niobate nonlocal metasurfaces. **2022**, 8, 6
- 292 Quasi-Bound States in the Continuum Enabled Strong Terahertz Chiroptical Response in Bilayer Metallic Metasurfaces. **2022**, 12, 1052 0
- 291 Acoustics of a Partially Partitioned Narrow Slit Connected to a Half-Plane: Case Study for Exponential Quasi-Bound States in the Continuum and their Resonant Excitation. **2022**, 82, 1387-1410 0
- 290 Engineering Bound States in the Continuum at Telecom Wavelengths with Non-Bravais Lattices. 2100661 2

289	Coherent full polarization control based on bound states in the continuum. 2022 , 13,	3
288	Introducing a Symmetry-Breaking Coupler into a Dielectric Metasurface Enables Robust High-Q Quasi-BICs. 2200111	0
287	Robust enhancement of high-harmonic generation from all-dielectric metasurfaces enabled by polarization-insensitive bound states in the continuum. 2022 , 30, 32590	2
286	Cavity spectral-hole-burning to boost coherence in plasmon-emitter strong coupling systems.	0
285	Catalytic Metasurfaces Empowered by Bound States in the Continuum. 2022 , 16, 13057-13068	1
284	Efficient near UV-vacuum UV sources based on second-harmonic generation enhanced by high-Q quasi-BICs in all-dielectric metasurfaces of low-index materials. 2022 , 101053	0
283	Tunable Optimal Dual Band Metamaterial Absorber for High Sensitivity THz Refractive Index Sensing. 2022 , 12, 2693	1
282	Graphene-based fine tuning of Fano resonance transmission of quasi-bound states in the continuum. 2022 , 30, 30666	2
281	Tailoring the light absorption of monolayer graphene via accidental quasi-bound states in the continuum.	1
280	High-performance dielectric nano-cavities for near- and mid-infrared frequency applications. 2022 , 24, 094006	0
279	Second-Harmonic Generation in Strained Silicon Metasurfaces. 2200157	1
278	Unveiling the Enhancement of Spontaneous Emission at Exceptional Points. 2022 , 129,	1
277	Degenerate bound states in the continuum in square and triangular open acoustic resonators. 2022 , 106,	2
276	Nanostructured GaAs / (Al,Ga) As Waveguide for Low-Density Polariton Condensa. 2022 , 18,	0
275	Radial bound states in the continuum for polarization-invariant nanophotonics. 2022 , 13,	5
274	Interaction of Ge(Si) Self-Assembled Nanoislands with Different Modes of Two-Dimensional Photonic Crystal. 2022 , 12, 2687	
273	Recent Advances in Tunable Metasurfaces: Materials, Design, and Applications.	6
272	Strategical Deep Learning for Photonic Bound States in the Continuum. 2100658	0

271	Study of Resonant Leaky Edge States in Simple Topological Photonic Lattices. 2200262	
270	Bound states in the continuum and Fano resonances in photonic and plasmonic loop structures. 2022 , 54,	2
269	Momentum-Space Polarization Fields in Two-Dimensional Photonic-Crystal Slabs: Physics and Applications.	0
268	Strong coupling between quasi-bound states in the continuum and molecular vibrations in the mid-infrared. 2022 , 11, 4221-4229	1
267	Lighting Up Si Nanoparticle Arrays by Exploiting the Bound States in the Continuum Formed in a Si/Au Hybrid Nanostructure.	1
266	Resonant metasurfaces for generating complex quantum states. 2022 , 377, 991-995	3
265	Emerging Trend in Unconventional Metasurfaces: From Nonlinear, Non-Hermitian to Nonclassical Metasurfaces.	2
264	Non-Hermitian morphing of topological modes. 2022 , 608, 50-55	2
263	Optical manipulation with metamaterial structures. 2022 , 9, 031303	7
262	Ginzburg-Landau models of nonlinear electric transmission networks. 2022 , 982, 1-124	1
261	Polarization-independent tetramer metasurface with multi-Fano resonances based on symmetry-protected bound states in the continuum. 2022 , 525, 128864	1
260	Analytical non-Hermitian description of photonic crystals with arbitrary lateral and transverse symmetry. 2022 , 106,	1
259	All-dielectric magneto-photonic metasurfaces. 2022 , 132, 100902	1
258	Single and dual-channel analog of electromagnetically induced transparency in π -shaped all-dielectric metasurface. 2022 , 61,	0
257	Quasi-Bound States in the Continuum of Localized Spoof Surface Plasmons.	1
256	Majorana zero mode-soliton duality and in-gap and BIC bound states in modified Toda model coupled to fermion. 2022 , 2022,	0
255	Quasi-BICs Enabled Proximity Sensing Based on Metal Complementary H-Shaped Arrays at Terahertz Frequencies. 2022 , 14, 1-8	0
254	High-quality-factor Fano resonance and tunable light absorption based on diagonal circles of the bound state in the continuum. 2022 , 42, 106016	0

253	Metal-graphene hybrid terahertz metasurfaces based on bound states in the continuum (BIC) and quasi-BIC for dynamic near-field imaging. 2022 , 928, 167232	1
252	Multi-frequency blocking effects by multiple vertical cylinders designed using combination grating theories. 2022 , 265, 112504	0
251	Tunable bound states in the continuum with high Q factors. 2022 ,	0
250	Dual bound states in the continuum enhanced second harmonic generation with transition metal dichalcogenides monolayer. 2022 , 5, 200097-200097	1
249	Quasi-bound states and resonant skew scattering in two-dimensional materials with a Mexican-hat dispersion. 2023 , 145, 115492	0
248	Second-harmonic Generation from Asymmetric Lithium Niobate Metasurfaces. 2022 ,	0
247	Dual-color detection using two quasi-bound states in the continuum in an InGaAs/InAlAs superlattice. 2022 ,	0
246	Scalable THz-OAM Beam Generator Based on Photonic Crystal Structure with Square and Hexagonal Lattices. 2022 ,	0
245	Optical Phenomena in Dielectric Spheres Several Light Wavelengths in Size: A Review. 2022 , 30, 217-241	0
244	Resonant enhancement of second harmonic generation in etchless thin film lithium niobate heteronanostructure. 2022 , 65,	1
243	Friedrich-Wintgen bound states in the continuum and induced resonances in a loop laterally coupled to a waveguide. 2022 , 106,	2
242	Bound states in the continuum in waveguide arrays within a symmetry classification scheme. 2022 , 30, 35712	0
241	Topological Floquet bound states in the continuum. 2022 , 47, 5160	0
240	Computing diffraction anomalies as nonlinear eigenvalue problems. 2022 , 106,	0
239	Manipulation of optical bound states in the continuum in a metal-dielectric hybrid nanostructure.	1
238	Graphene Absorption Enhanced by Quasi-Bound-State-in-Continuum in Long-Wavelength Plasmonic Photonic System. 2201193	0
237	Multifunctional Plasmon-Induced Transparency Devices Based on Hybrid Metamaterial-Waveguide Systems. 2022 , 12, 3273	1
236	Global field performance of monopile-supported offshore wind turbines with sinusoidal layouts using innovative combined grating conditions. 2022 , 34, 096608	0

235	Quantum dot scanning tunneling microscopy for Majorana bound states in continuum. 10,	0
234	Instabilities of intrinsic thermoacoustic modes in a thermoacoustic waveguide with anechoic terminations. 2022 , 106,	0
233	Engineering a sandwiched Si/I/LNOI structure for 180-GHz-bandwidth electro-optic modulator with fabrication tolerances. 2022 , 30, 35398	0
232	Communication wavelength investigation of bound states in the continuum of one-dimensional two-material periodic ring optical waveguide network. 2022 , 30, 37888	0
231	Bound modes in the continuum based phononic waveguides. 2022 , 132, 115109	0
230	Enhanced bound states in the continuum in a DBR-assisted photonic crystal slab. 2022 , 61, 8527	0
229	Multimode resonances, intermode bound states, and bound states in the continuum in waveguides. 2022 , 106,	1
228	Active optical modulation of quasi-BICs in Si-VO ₂ metasurfaces.	0
227	CPA-Lasing Associated with the Quasibound States in the Continuum in Asymmetric Non-Hermitian Structures. 2022 , 9, 3035-3042	0
226	Theory of photonic crystal polaritons in periodically patterned multilayer waveguides. 2022 , 106,	1
225	Light-switchable quasi-BIC optical vortex generators. 2022 ,	0
224	Millimeter-scale ultrathin suspended metasurface integrated high finesse optomechanical cavity.	0
223	Ultralow-level all-optical self-switching in a nanostructured moiré superlattice. 2022 , 47, 5260	0
222	Cascades of Fano resonances in light scattering by dielectric particles. 2022 ,	0
221	High-Q photonic aptasensor based on avoided crossing bound states in the continuum and trace detection of ochratoxin A. 2022 , 100262	2
220	Triple Fano resonances metasurface and its extension for multi-channel ultra-narrow band absorber. 2022 , 42, 106025	3
219	Bound States in the Continuum in a Quantum-Mechanical Waveguide with a Subwavelength Resonator. 2022 , 116, 205-211	0
218	Dynamic switching between bound states in the continuum (BIC) and quasi-BIC based on a Dirac semimetal terahertz metasurface. 2022 , 24, 25571-25579	1

217	Perturbation approach to improve the angular tolerance of high-Q resonances in metasurfaces..	0
216	Control of Quasibound Waves in Spiral Metasurfaces.	0
215	Plasmonic Bound States in the Continuum in Compact Nanostructures. 2201590	1
214	Loss-Driven Topological Transitions in Lasing. 2022 , 129,	0
213	Polarization-Tunable Perovskite Light-Emitting Metatransistor. 2207317	0
212	Loss in hollow core optical fibers: mechanisms, scaling rules and limits.	0
211	Ridge waveguide couplers with leaky mode resonator-like wavelength responses.	0
210	3D Dirac semimetals supported tunable terahertz BIC metamaterials. 2022 ,	2
209	Tunable interactions of quasibound states in the continuum with cavity mode in a metasurface-microcavity hybrid. 2022 , 106,	0
208	Ultra-high-Q resonances in terahertz all-silicon metasurfaces based on bound states in the continuum.	0
207	Trapped-mode excitation in all-dielectric metamaterials with loss and gain. 2022 , 106,	0
206	Recent advances in microresonators and supporting instrumentation for electron paramagnetic resonance spectroscopy. 2022 , 93, 101101	0
205	Enhanced light-matter interactions in ultrathin transition-metal-dichalcogenide metasurfaces by magnetic and toroidal dipole bound states in the continuum.	0
204	Engineering Electromagnetic Field Distribution and Resonance Quality Factor Using Slotted Quasi-BIC Metasurfaces. 2022 , 22, 8060-8067	2
203	Anomalous spontaneous emission dynamics at chiral exceptional points. 2022 , 30, 41784	0
202	Structurally engineered colloidal quantum dot phosphor using TiO ₂ photonic crystal backbone. 2022 , 11,	0
201	Symmetry-induced quasicrystalline waveguides. 2022 , 115, 103068	0
200	Dual-band bound states in the continuum based on hybridization of surface lattice resonances. 2022 ,	0

199	Phase-change Perovskite Microlaser with Tunable Polarization Vortex. 2207430	1
198	Dark modes governed by translational-symmetry-protected bound states in the continuum in symmetric dimer lattices. 2022 , 43, 106078	2
197	Performance analysis and optimization of high Q-factor toroidal resonance refractive index sensor based on all-dielectric metasurface. 2023 , 157, 108752	1
196	Double Symmetry-Protected Bound States in the Continuum in an All-Dielectric Metasurface for Refractive Index Sensing.	0
195	Flat Bands and Quasi-Bound States in the Continuum in a Photonic Moiré Lattice.	1
194	General Framework of Bound States in the Continuum in an Open Acoustic Resonator. 2022 , 18,	0
193	Resonant Light Trapping via Lattice-Induced Multipole Coupling in Symmetrical Metasurfaces.	0
192	Global Phase Diagram of Bound States in the Continuum.	1
191	Exceptional points at bound states in the continuum in photonic integrated circuits. 2022 ,	3
190	Coherent momentum control of forbidden excitons. 2022 , 13,	1
189	Acoustic embedded eigenstates in metasurface-based structures. 2022 , 121, 192202	0
188	Improved Smith-Purcell free-electron laser based on quasi-bound states in the continuum.	1
187	High-Performance Quality Factor Based Sensor With Diagonal Cylinder Metasurface of the Bound State in the Continuum. 2023 , 13,	0
186	Observation of non-Hermiticity-induced topological edge states in the continuum in a trimerized elastic lattice. 2022 , 106,	0
185	Lithium Niobate Meta-Optics.	0
184	Quasi-bound state in the continuum supported by a compound grating waveguide structure for high-figure-of-merit refractive-index sensing. 2022 , 132, 193101	0
183	Moisture-Driven Switching of Plasmonic Bound States in the Continuum in the Visible Region. 2209368	1
182	Polarization-sensitive Switchable Display through Critical Coupling between Graphene and Quasi-BIC.	0

- 181 Observation of mechanical bound states in the continuum in an optomechanical microresonator. **2022**, 11, 0
- 180 Realization of Bound States in the Continuum in Anti-PT -Symmetric Optical Systems: A Proposal and Analysis. 2200079 0
- 179 Vortex Dynamics and Structured Darkness of Laguerre-Gaussian Beams Transmitted through Q-Plates under Weak Axial-Asymmetric Incidence. **2022**, 1-8 0
- 178 Broadband perfect optical absorption enabled by quasi-bound states in the continuum in graphene non-concentric rings. **2022**, 25, 604-611 1
- 177 Enhanced chirality in a dielectric metasurface without breaking symmetry. 0
- 176 Photonic crystal band structure in luminescence response of samples with Ge/Si quantum dots grown on pit-patterned SOI substrates. **2023**, 53, 101093 1
- 175 Ultralow confinement loss anti-resonant fibers designed by swarm intelligence. **2023**, 530, 129208 0
- 174 All-dielectric metastructure based on multiple Fano resonances with high sensitivity. **2023**, 530, 129193 0
- 173 Spin Hall Effect of Light via Momentum-Space Topological Vortices around Bound States in the Continuum. **2022**, 129, 0
- 172 Realizing Tunable Evolution of Bound States in the Continuum and Circularly Polarized Points by Symmetry Breaking. 0
- 171 Giant Second Harmonic Generation from Membrane Metasurfaces. **2022**, 22, 9652-9657 1
- 170 Tunable Topological Acoustic Tamm States in Comblike Structures Based on Band Inversion around Flat Bands. **2022**, 12, 1685 0
- 169 Double-layer symmetric gratings with bound states in the continuum for dual-band high-Q optical sensing. 13, 1408-1417 1
- 168 Parametric Mie Resonances and Directional Amplification in Time-Modulated Scatterers. **2022**, 18, 4
- 167 Bound States in the Continuum versus Fano Resonances: Topological Argument. **2022**, 9, 880 0
- 166 Independent control method for plasmonic skin depth based on transformation from spoof surface plasmon polaritons to bound states in the continuum. **2022**, 106, 0
- 165 Label-Free Bound-States-in-the-Continuum Biosensors. **2022**, 12, 1120 0
- 164 Exploiting extraordinary topological optical forces at bound states in the continuum. **2022**, 8, 0

163	Unraveling Dipolar Regime and Kerker Conditions in Mid-Index Mesoscale Dielectric Materials. 2202140	o
162	Formation of robust bound states of interacting microwave photons. 2022 , 612, 240-245	o
161	Fabry-Perot bound states in the continuum in an anisotropic photonic crystal. 2022 , 106,	o
160	Thermo-optic hysteresis with bound states in the continuum. 2022 , 106,	o
159	Extended State in a Localized Continuum. 2022 , 129,	o
158	Maximally Chiral Emission via Chiral Quasibound States in the Continuum. 2200611	o
157	Manipulating Dual Bound States in the Continuum for Efficient Spatial Light Modulator.	o
156	Q-factor mediated quasi-BIC resonances coupling in asymmetric dimer lattices. 2022 , 30, 46680	1
155	Performance Comparison of Two Terahertz All-dielectric Metasurfaces based on Bound States in the Continuum.	o
154	Dual band symmetry-protected terahertz bound states in the continuum inside the spoof localized surface plasmon induced-transparency windows. 2023 , 56, 045104	o
153	Perfect Nonradiating Modes in Dielectric Nanoparticles. 2022 , 9, 1005	1
152	Effect of absorption loss on resonance-enhanced Smith-Purcell radiation from metal-plate arrays. 2023 , 40, 115	o
151	Integrated Resonant Diffraction Gratings for Bloch Surface Waves. 2022 , 31, 8-13	o
150	Wavy optical grating: Wideband reflector and Fabry-Pérot bound states in the continuum. 2022 , 106,	o
149	Experimental implementation for near-field displaying application of bound states in continuum supported by terahertz metasurfaces.	o
148	Bound States in the Continuum Help Shrimp Eyes to Catch More Light.	o
147	Strong resonance response with ultrahigh quality factor in grating-multilayer systems based on quasi-bound states in the continuum. 2022 , 12,	o
146	Plasmonic bound states in the continuum to tailor light-matter coupling. 2022 , 8,	2

- 145 Low-threshold nanolasers based on miniaturized bound states in the continuum. **2022**, 8, 0
- 144 On-chip light trapping in bilayer moiré photonic crystal slabs. **2022**, 121, 231702 0
- 143 Realizing symmetry-guaranteed pairs of bound states in the continuum in metasurfaces. **2022**, 13, 0
- 142 Thermal photonics with broken symmetries. **2022**, 2, 0
- 141 Topological metasurface: From passive toward active and beyond. 1
- 140 Tunable high- Q resonance and abnormal phase-shift in PT-symmetric meta-molecules. 0
- 139 Multispectral Tunable Symmetry-Protected Bound States in the Continuum in All-Dielectric Split-Ring Resonator Metasurfaces. 2
- 138 Plasmonic bound states in the continuum for unpolarized weak spatially coherent light. 0
- 137 Tunable Metasurface Based on Plasmonic Quasi Bound State in the Continuum Driven by Metallic Quantum Wells. 2202584 0
- 136 Observation of mechanical bound states in the continuum in an optomechanical microresonator. **2022**, 0
- 135 Dual-band electromagnetically induced transparency generation in all-dielectric metasurface. **2022**, 0
- 134 On-Chip Tightly Confined Guiding and Splitting of Surface Acoustic Waves Using Line Defects in Phononic Crystals. 2213625 0
- 133 Radiation-free and non-Hermitian topology inertial defect states of on-chip magnons. **2023**, 5, 0
- 132 Toroidal dipole bound states in the continuum in all-dielectric metasurface for high-performance refractive index and temperature sensing. **2023**, 156408 0
- 131 Tunable dual quasi-bound states in continuum and electromagnetically induced transparency enabled by the broken material symmetry in all-dielectric compound gratings. 0
- 130 Quasi-BIC Modes in All-Dielectric Slotted Nanoantennas for Enhanced Er³⁺ Emission. 0
- 129 Elastic bound states in the continuum by acoustoelastic interaction. **2023**, 101965 0
- 128 Dual-degree-of-freedom Multiplexed Metasensor Based on Quasi-BICs for Boosting Broadband Trace Isomer Detection by THz Molecular Fingerprint. **2023**, 1-10 0

127	Customizing 2.5D Out-of-Plane Architectures for Robust Plasmonic Bound-States-in-the-Continuum Metasurfaces. 2206236	0
126	Direct Observation of Lateral Field Confinement in Symmetry-Protected THz Bound States in the Continuum. 2202403	0
125	Resonant Chiral Effects in Nonlinear Dielectric Metasurfaces. 2023 , 10, 298-306	1
124	Perovskite Nanowire Laser for Hydrogen Chloride Gas Sensing.	1
123	Nanogap enhancement of the refractometric sensitivity at quasi-bound states in the continuum in all-dielectric metasurfaces. 2023 ,	0
122	GaN Ultraviolet Laser based on Bound States in the Continuum (BIC). 2201906	0
121	An enhanced high Q-factor resonance of quasi-bound states in the continuum with all-dielectric metasurface based on multilayer film structure structures. 2023 , 1-1	0
120	Collective radiance of giant atoms in non-Markovian regime. 2023 , 66,	0
119	Enhanced terahertz third-harmonic generation in graphene-metal metasurface with bound states in the continuum. 2023 , 133, 023103	0
118	Giant optical chirality in dielectric metasurfaces induced by toroidal dipole resonances.	0
117	Free-electron-light interactions in nanophotonics. 2023 , 10, 011303	1
116	Ultra-narrowband terahertz circular dichroism driven by planar metasurface supporting chiral quasi bound states in continuum. 2023 , 161, 109173	1
115	Resonant leaky modes in all-dielectric metasystems: Fundamentals and applications. 2023 , 1008, 1-66	1
114	Bound States in the Continuum in Asymmetric Dielectric Metasurfaces. 2200564	3
113	Synthesis, structural properties and nonlinear optical response of some aromatic thioamides in bulk vs. laser-processed films.	0
112	A Bound State in the Continuum Supported by a Trimeric Metallic Metasurface. 2023 , 10, 40	0
111	Tunable lasing direction in one-dimensional suspended high-contrast grating using bound states in the continuum. 2022 , 4,	0
110	Observation of intrinsic chiral bound states in the continuum. 2023 , 613, 474-478	2

- 109 Comparative analysis of two models for the optical response of a thin slab: a film of finite thickness versus a surface current sheet. ○
- 108 Recent Advances and Prospects of Optical Metasurfaces. ○
- 107 Resonators with tailored optical path by cascaded-mode conversions. **2023**, 14, ○
- 106 Terahertz all-dielectric metasurface sensor based on Quasi-Bound State in the Continuum (QBICs). ○
- 105 Emerging Planar Nanostructures Involving Both Local and Nonlocal Modes. ○
- 104 Quasi-Guided Modes Supported by a Composite Grating Structure with Alternating Element Widths. **2023**, 10, 110 ○
- 103 Merged bound states in the continuum for giant superchiral field and chiral mode splitting. **2023**, 107, 1
- 102 Enhancement of spontaneous emission from CdSe/ZnS quantum dots through silicon nitride photonic crystal cavity based on miniature bound states in the continuum. ○
- 101 Tunable virtual gain in resonantly absorbing media. **2023**, 107, ○
- 100 Multimode Vortex Lasing from Dye-filled TiO_2 Lattices via Bound States in the Continuum. ○
- 99 Observation of Topologically Enabled Complete Polarization Conversion. 2200626 ○
- 98 Chiral Bound States in the Continuum in Plasmonic Metasurfaces. 2200597 ○
- 97 High-Sensitivity Sensing in All-Dielectric Metasurface Driven by Quasi-Bound States in the Continuum. **2023**, 13, 505 ○
- 96 Tunable dielectric BIC metasurface for high resolution optical filters. ○
- 95 Active Tunable Pulse Shaping Using MoS₂-Assisted All-Dielectric Metasurface. 2200207 ○
- 94 Experimental demonstration of a silicon-slot quasi-bound state in the continuum in near-infrared all-dielectric metasurfaces. **2023**, 161, 109199 ○
- 93 A high-Q acoustic filter based on programmable electromechanical Fano resonance. **2023**, 191, 110177 ○
- 92 Coupling-Assisted Quasi-Bound States in the Continuum in Heterogeneous Metasurfaces. **2023**, 29, 1-8 ○

- 91 Multiple Toroidal Dipole Resonances in All-dielectric Dimer Metasurfaces. **2022**, ○
- 90 On the Laser Generation in Two-Dimensional Materials with Pumping by Quasitrapped Modes. **2023**, 117, 276-280 ○
- 89 Design and Tuning of Substrate-Fabricated Dielectric Metasurfaces Supporting Quasi-Trapped Modes in the Infrared Range. ○
- 88 Singular optics empowered by engineered optical materials. **2023**, ○
- 87 Algebraic approach to annihilation and repulsion of bound states in the continuum in finite systems. **2023**, 64, 042103 ○
- 86 Fixed points on band structures of non-Hermitian models: Extended states in the bandgap and ideal superluminal tunneling. **2023**, 107, ○
- 85 Active quasi-BIC metasurfaces assisted by epsilon-near-zero materials. **2023**, 31, 13125 ○
- 84 Extremely high-Q quasi-BICs induced by simultaneously broken out-of- and in-plane symmetries in dielectric metasurfaces of low-index materials. **2023**, 535, 129356 ○
- 83 Terahertz optical modulator and highly sensitive terahertz sensor governed by bound states in the continuum in graphene-dielectric hybrid metamaterial. **2023**, 536, 129398 ○
- 82 Metasurface supporting quasi-BIC for optical trapping and Raman-spectroscopy of biological nanoparticles. **2023**, 31, 6782 ○
- 81 Bound states in the continuum in asymmetric one-dimensional photonic crystal systems guided by anisotropy. **2023**, 31, 8384 ○
- 80 Non-Equilibrium Bose-Einstein Condensation of Exciton-Polaritons in Silicon Metasurfaces. **2023**, 11, ○
- 79 Giant second-harmonic generation in photonic crystal slabs possessing double-resonance bound states in the continuum. **2023**, ○
- 78 High-Figure-of-Merit Biosensing and Enhanced Excitonic Absorption in an MoS₂-Integrated Dielectric Metasurface. **2023**, 14, 370 ○
- 77 Topological Unidirectional Guided Resonances Emerged from Interband Coupling. **2023**, 130, ○
- 76 Topological Fano resonance of symmetric Lamb wave induced by antisymmetric trapped mode. **2023**, 13, 025008 ○
- 75 Conversion and Active Control between Electromagnetic Induced Transparency and Absorber in Terahertz Metasurface. **2023**, 10, 159 ○
- 74 Multiple symmetry protected BIC lines in two dimensional synthetic parameter space. **2023**, ○

- 73 Extreme Metasurfaces Enable Targeted and Protected Wireless Energy Transfer. 2202133 ○
- 72 Universal Narrowband Wavefront Shaping with High Quality Factor Meta-Reflect-Arrays. **2023**, 23, 1355-1362 ○
- 71 Bound states in the continuum enabling ultra-narrowband perfect absorption. **2023**, 25, 023020 ○
- 70 Polarization multiplexing multichannel high-Q terahertz sensing system. 5, ○
- 69 All-dielectric metasurface-based multimode sensing with symmetry-protected and accidental bound states in the continuum. **2023**, 46, 106276 ○
- 68 Light Guidance Aided by the Toroidal Dipole and the Magnetic Quadrupole in Silicon Slotted-Disk Chains. **2023**, 10, 707-714 ○
- 67 Dual-wavelength chiral metasurfaces based on quasi-bound states in the continuum. **2023**, 25, 045001 ○
- 66 Sagnac interference in integrated photonics. **2023**, 10, 011309 1
- 65 Tunable localization of light using nested invisible metasurface cavities. **2023**, 12, 1083-1089 ○
- 64 Oscillating bound states in non-Markovian photonic lattices. **2023**, 107, ○
- 63 Biomarker detection using GST-based permittivity-asymmetric metasurface. **2023**, 227, 111747 ○
- 62 A High-Sensitivity Refractive Index Sensor with Period-Doubling Plasmonic Metasurfaces to Engineer the Radiation Losses. **2023**, 1, 736-744 ○
- 61 Voltage-tunable Q factor in a photonic crystal microcavity. **2023**, 48, 1666 ○
- 60 Interaction of plasmonic bound states in the continuum. **2023**, 11, 724 ○
- 59 Chiral discrimination in helicity-preserving Fabry-Pérot cavities. **2023**, 107, 1
- 58 Monolithically integrated photonic crystal surface emitters on silicon with a vortex beam by using bound states in the continuum. **2023**, 48, 1702 ○
- 57 Bound states in the continuum in circular clusters of scatterers. **2023**, 5, ○
- 56 Electrically programmable solid-state metasurfaces via flash localised heating. **2023**, 12, ○

55	Ultra-High Quality Factor Resonances in a Pinwheel-Shaped All-Dielectric Metasurface Based on Bound States in the Continuum. 2023 , 15, 1-7	0
54	Perfect Invisibility Modes in Dielectric Nanofibers. 2023 , 10, 248	0
53	Highly-twisted states of light from a high quality factor photonic crystal ring. 2023 , 14,	0
52	High-efficiency optical frequency mixing in an all-dielectric metasurface enabled by multiple bound states in the continuum. 2023 , 107,	1
51	Hyperparametric Oscillation via Bound States in the Continuum. 2023 , 130,	0
50	High FOM Refractive Index Sensor Based on Quasi-Bound States in the Continuum of Tri-Prism Metasurface. 2023 , 23, 7683-7689	0
49	Photonic spin-selective perfect absorptance on planar metasurfaces driven by chiral quasi-bound states in the continuum. 2023 , 15, 6636-6644	1
48	Asymmetric tetramer metasurface sensor governed by quasi-bound states in the continuum. 2023 , 12, 1295-1307	0
47	High-Q quasi-BIC in photonic crystal nanobeam for ultrahigh sensitivity refractive index sensing. 2023 , 47, 106304	0
46	Multiple Fano resonances driven by bound states in the continuum in an all-dielectric nanoarrays system. 2023 , 13, 035212	0
45	Quasi-guided modes resulting from the band folding effect in a photonic crystal slab for enhanced interactions of matters with free-space radiations. 14, 322-328	0
44	Theoretical Study on All-Dielectric Elliptic Cross Metasurface Sensor Governed by Bound States in the Continuum. 2023 , 16, 2113	0
43	Flat band induced topological photonic Tamm states in stubbed structures: Theory and experiment. 2023 , 107,	0
42	An Introduction to Nonlinear Integrated Photonics: Structures and Devices. 2023 , 14, 614	1
41	Arbitrarily polarized bound states in the continuum with twisted photonic crystal slabs. 2023 , 12,	0
40	Automatic optimization of miniaturized bound states in the continuum cavity. 2023 , 31, 12384	0
39	Terahertz ultrasensitive biosensor based on wide-area and intense light-matter interaction supported by QBIC. 2023 , 462, 142347	0
38	Universal Mirror-Stacking Approach for Constructing Topological Bound States in the Continuum. 2023 , 130,	0

- 37 Temperature-controlled optical switch metasurface with large local field enhancement based on FW-BIC. 5, ○
- 36 Asymmetric Cross Metasurfaces with Multiple Resonances Governed by Bound States in the Continuum. **2023**, 16, 2227 ○
- 35 Waveguide quantum electrodynamics: Collective radiance and photon-photon correlations. **2023**, 95, ○
- 34 Observation of Enhanced Generation of a Fifth Harmonic from Halide Perovskite Nonlocal Metasurfaces. ○
- 33 Observation of Perfectly-Chiral Exceptional Point via Bound State in the Continuum. **2023**, 130, ○
- 32 Acoustic Higher-Order Weyl Semimetal with Bound Hinge States in the Continuum. **2023**, 130, ○
- 31 Infinite-Q guided modes radiate in the continuum. **2023**, 107, ○
- 30 Symmetric Bound States in the Continuum in an All Graphene Metasurface Design and Sensor Applications. **2023**, 23, 8352-8359 ○
- 29 Quasi-symmetry-protected BICs in a double-notched silicon nanodisk metasurface. **2023**, 48, 2158 ○
- 28 Parametric dependence of bound states in the continuum: A general theory. **2023**, 107, ○
- 27 Permittivity-Asymmetric Quasi-Bound States in the Continuum. **2023**, 23, 2651-2658 ○
- 26 Non-Hermiticity induced topological edge states with unique transport. **2023**, 98, 055503 ○
- 25 Giant second harmonic generation in etch-less lithium niobate thin film. **2023**, 133, 124501 ○
- 24 Two-Photon Polymerization Lithography for Optics and Photonics: Fundamentals, Materials, Technologies, and Applications. 2214211 1
- 23 Lines of Quasi-BICs and Butterworth Line Shape in Stacked Resonant Gratings: Analytical Description. **2023**, 10, 363 ○
- 22 Manipulating leaky mode in silicon waveguides harnessing bound states in the continuum. **2023**, 48, 2249 ○
- 21 Leaky Waves in Flatland. ○
- 20 Dual-band refractive index sensor with cascaded asymmetric resonant compound grating based on bound states in the continuum. **2023**, 31, 13959 ○

19	Beyond Conventional Sensing: Hybrid Plasmonic Metasurfaces and Bound States in the Continuum. 2023 , 13, 1261	1
18	Multiple magnetic dipole excitation in permittivity-asymmetric all-dielectric metamaterials induced by quasi-bound states in the continuum. 2023 , 77,	0
17	Smith-Purcell Radiation from Highly Mobile Carriers in 2D Quantum Materials.	0
16	Enhancing Circularly Polarized Emission by a Planar Chiral Dielectric Metasurface.	0
15	Ultralow-threshold Continuous-wave Quantum Dot Lasers Based on Minituarized Bound States in the Continuum. 2022 ,	0
14	High-Q Subwavelength Grating Racetrack Micro-ring Resonators Based on Bound State in Continuum. 2022 ,	0
13	Visualization of photonic band structures via far-field measurements in SiNx photonic crystal slabs. 2023 , 122, 151102	0
12	Modulation of the Multiple Bound States in the Continuum of the All-Dielectric Metasurface. 2023 , 10, 418	0
11	Coupling of Photon Emitters in Monolayer WS ₂ with a Photonic Waveguide Based on Bound States in the Continuum.	0
10	High-Q Resonant Modes in Periodic Stubbed Structure. 2023 , 223-230	0
9	Ultrahigh-Q Lead Halide Perovskite Microlasers.	0
8	An Ultra-Low-Loss Waveguide Based on BIC Used for an On-Chip Integrated Optical Gyroscope. 2023 , 10, 453	0
7	Bound states in the continuum induced by the strong coupling within the plasmonic lattices. 2023 , 133, 153101	0
6	Phonon transmission through a nonlocal metamaterial slab. 2023 , 6,	0
5	Sub-symmetry-protected topological states.	0
4	Nonlinear nonlocal metasurfaces. 2023 , 122, 160502	0
3	Compact spin-valley-locked perovskite emission.	0
2	High-harmonic generation from a subwavelength dielectric resonator. 2023 , 9,	0

- 1 Dual resonance based on quasi-bound states in continuum in the all-dielectric terahertz metasurface and its application in sensing. **2023**, 49, 106518

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