

Andrey A Bogdanov

List of Publications by Year in descending order

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186
papers

5,991
citations

126907

33
h-index

74163

75
g-index

188
all docs

188
docs citations

188
times ranked

3210
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Metasurfaces with High- Q Resonances Governed by Bound States in the Continuum. <i>Physical Review Letters</i> , 2018, 121, 193903.	7.8	983
2	Subwavelength dielectric resonators for nonlinear nanophotonics. <i>Science</i> , 2020, 367, 288-292.	12.6	575
3	High- Q Supercavity Modes in Subwavelength Dielectric Resonators. <i>Physical Review Letters</i> , 2017, 119, 243901.	7.8	474
4	Meta-optics and bound states in the continuum. <i>Science Bulletin</i> , 2019, 64, 836-842.	9.0	325
5	Nonradiating photonics with resonant dielectric nanostructures. <i>Nanophotonics</i> , 2019, 8, 725-745.	6.0	310
6	Bound states in the continuum and Fano resonances in the strong mode coupling regime. <i>Advanced Photonics</i> , 2019, 1, 1.	11.8	247
7	Transition from Optical Bound States in the Continuum to Leaky Resonances: Role of Substrate and Roughness. <i>ACS Photonics</i> , 2017, 4, 723-727.	6.6	221
8	Multipolar origin of bound states in the continuum. <i>Physical Review B</i> , 2019, 100, .	3.2	168
9	Single-Mode Lasing from Imprinted Halide-Perovskite Microdisks. <i>ACS Nano</i> , 2019, 13, 4140-4147.	14.6	134
10	Hybrid waves localized at hyperbolic metasurfaces. <i>Physical Review B</i> , 2015, 91, .	3.2	126
11	Surface plasmon polariton assisted optical pulling force. <i>Laser and Photonics Reviews</i> , 2016, 10, 116-122.	8.7	115
12	From Fano to Quasi-BIC Resonances in Individual Dielectric Nanoantennas. <i>Nano Letters</i> , 2021, 21, 1765-1771.	9.1	96
13	High-harmonic generation at the nanoscale boosted by bound states in the continuum. <i>Physical Review Research</i> , 2019, 1, .	3.6	95
14	Photonic surface waves on metamaterial interfaces. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 463001.	1.8	86
15	Intelligent metaphotonics empowered by machine learning. <i>Opto-Electronic Advances</i> , 2022, 5, 210147-210147.	13.3	82
16	Polarization control over electric and magnetic dipole resonances of dielectric nanoparticles on metallic films. <i>Laser and Photonics Reviews</i> , 2016, 10, 799-806.	8.7	81
17	Engineering with Bound States in the Continuum. <i>Optics and Photonics News</i> , 2020, 31, 38.	0.5	79
18	Strong coupling between excitons in transition metal dichalcogenides and optical bound states in the continuum. <i>Physical Review B</i> , 2018, 98, .	3.2	75

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19	Experimental observation of a symmetry-protected bound state in the continuum in a chain of dielectric disks. <i>Physical Review A</i> , 2019, 99, .	2.5	75
20	Nonlinear bound states in the continuum of a one-dimensional photonic crystal slab. <i>Physical Review B</i> , 2018, 97, .	3.2	73
21	Spin control of light with hyperbolic metasurfaces. <i>Physical Review B</i> , 2016, 94, .	3.2	71
22	Plasmon-assisted optical trapping and anti-trapping. <i>Light: Science and Applications</i> , 2017, 6, e16258-e16258.	16.6	69
23	Optomechanical Manipulation with Hyperbolic Metasurfaces. <i>ACS Photonics</i> , 2018, 5, 4371-4377.	6.6	62
24	Observation of Supercavity Modes in Subwavelength Dielectric Resonators. <i>Advanced Materials</i> , 2021, 33, e2003804.	21.0	60
25	Midinfrared Surface Waves on a High Aspect Ratio Nanotrench Platform. <i>ACS Photonics</i> , 2017, 4, 2899-2907.	6.6	57
26	Optical pulling forces in hyperbolic metamaterials. <i>Physical Review A</i> , 2015, 91, .	2.5	53
27	Chirality Driven by Magnetic Dipole Response for Demultiplexing of Surface Waves. <i>Laser and Photonics Reviews</i> , 2017, 11, 1700168.	8.7	52
28	Optical binding via surface plasmon polariton interference. <i>Physical Review B</i> , 2019, 99, .	3.2	52
29	Symmetry analysis and multipole classification of eigenmodes in electromagnetic resonators for engineering their optical properties. <i>Physical Review B</i> , 2020, 102, .	3.2	51
30	Optical forces in nanorod metamaterial. <i>Scientific Reports</i> , 2015, 5, 15846.	3.3	44
31	Ultrascale microdisk and microring lasers based on InAs/InGaAs/GaAs quantum dots. <i>Nanoscale Research Letters</i> , 2014, 9, 3266.	5.7	43
32	Light Outcoupling from Quantum Dot-Based Microdisk Laser via Plasmonic Nanoantenna. <i>ACS Photonics</i> , 2017, 4, 275-281.	6.6	39
33	Observation of an Accidental Bound State in the Continuum in a Chain of Dielectric Disks. <i>Physical Review Applied</i> , 2021, 15, .	3.8	35
34	Investigation of effective media applicability for ultrathin multilayer structures. <i>Nanoscale</i> , 2019, 11, 12582-12588.	5.6	34
35	Observation of Ultrafast Self-Action Effects in Quasi-BIC Resonant Metasurfaces. <i>Nano Letters</i> , 2021, 21, 8848-8855.	9.1	33
36	Effective surface conductivity of optical hyperbolic metasurfaces: from far-field characterization to surface wave analysis. <i>Scientific Reports</i> , 2018, 8, 14135.	3.3	31

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37	Experimental observation of hybrid TE-TM polarized surface waves supported by a hyperbolic metasurface. <i>Physical Review B</i> , 2018, 98, .	3.2	30
38	Optical bistability with bound states in the continuum in dielectric gratings. <i>Physical Review A</i> , 2020, 102, .	2.5	30
39	Photonic Bound States in the Continuum in Si Structures with the Self-Assembled Ge Nanoislands. <i>Laser and Photonics Reviews</i> , 2021, 15, 2000242.	8.7	30
40	Polarization-resolved characterization of plasmon waves supported by an anisotropic metasurface. <i>Optics Express</i> , 2017, 25, 32631.	3.4	28
41	Steering of Guided Light with Dielectric Nanoantennas. <i>ACS Photonics</i> , 2020, 7, 680-686.	6.6	28
42	Bound States in the Continuum in Compact Acoustic Resonators. <i>Physical Review Letters</i> , 2022, 128, 084301.	7.8	28
43	Experimental Observation of Dyakonov Plasmons in the Mid-Infrared. <i>Semiconductors</i> , 2018, 52, 442-446.	0.5	27
44	Enhanced temperature-tunable narrow-band photoluminescence from resonant perovskite nanograting. <i>Applied Surface Science</i> , 2019, 473, 419-424.	6.1	25
45	Long-Range Miniaturized Ceramic RFID Tags. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 3125-3131.	5.1	25
46	Bound states in the continuum in periodic structures with structural disorder. <i>Nanophotonics</i> , 2021, 10, 4313-4321.	6.0	25
47	Photonic Spin Hall Effect: Contribution of Polarization Mixing Caused by Anisotropy. <i>Quantum Reports</i> , 2020, 2, 489-500.	1.3	23
48	Effect of the anisotropy of a conducting layer on the dispersion law of electromagnetic waves in layered metal-dielectric structures. <i>JETP Letters</i> , 2012, 96, 49-55.	1.4	22
49	Temperature-tunable semiconductor metamaterial. <i>Physical Review B</i> , 2015, 92, .	3.2	20
50	Nanostructure-Empowered Efficient Coupling of Light into Optical Fibers at Extraordinarily Large Angles. <i>ACS Photonics</i> , 2020, 7, 2834-2841.	6.6	20
51	Multipolar Engineering of Subwavelength Dielectric Particles for Scattering Enhancement. <i>Physical Review Applied</i> , 2021, 15, .	3.8	20
52	Bound state in the continuum in the one-dimensional photonic crystal slab. <i>Journal of Physics: Conference Series</i> , 2016, 741, 012122.	0.4	19
53	Mode structure of a quantum cascade laser. <i>Physical Review B</i> , 2011, 83, .	3.2	18
54	Mode selection in InAs quantum dot microdisk lasers using focused ion beam technique. <i>Optics Letters</i> , 2015, 40, 4022.	3.3	18

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55	Enhanced light outcoupling in microdisk lasers via Si spherical nanoantennas. Journal of Applied Physics, 2018, 124, .	2.5	17
56	Enhanced sensitivity of an all-dielectric refractive index sensor with an optical bound state in the continuum. Physical Review A, 2022, 105, .	2.5	17
57	Topologically enabled ultrahigh-Q chiroptical resonances by merging bound states in the continuum. Optics Letters, 2022, 47, 3291.	3.3	16
58	Control of emission spectra in quantum dot microdisk/microring lasers. Optics Express, 2014, 22, 25782.	3.4	15
59	Multipole engineering for enhanced backscattering modulation. Physical Review B, 2020, 102, .	3.2	15
60	Direct Imaging of Isofrequency Contours of Guided Modes in Extremely Anisotropic All-Dielectric Metasurface. ACS Photonics, 2019, 6, 510-515.	6.6	14
61	Chipless wireless temperature sensor based on quasi-BIC resonance. Applied Physics Letters, 2021, 119, .	3.3	14
62	Interplay between anisotropy and spatial dispersion in metamaterial waveguides. Physical Review B, 2016, 94, .	3.2	13
63	Topological transition in coated wire medium. Physica Status Solidi - Rapid Research Letters, 2016, 10, 900-904.	2.4	13
64	Direct Near-Field Observation of Surface Plasmon Polaritons on Silver Nanowires. ACS Omega, 2019, 4, 21962-21966.	3.5	13
65	Broadband Polarization Degeneracy of Guided Waves in Subwavelength Structured ZnO Pattern. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	12
66	Tuning exceptional points with Kerr nonlinearity. Physical Review A, 2021, 103, .	2.5	12
67	Lasing in microdisks of ultrasmall diameter. Semiconductors, 2014, 48, 1626-1630.	0.5	9
68	Omnidirectional miniature RFID tag. Applied Physics Letters, 2021, 119, 033503.	3.3	9
69	Crucial Role of Metal Surface Morphology in Photon Emission from a Tunnel Junction at Ambient Conditions. Journal of Physical Chemistry C, 2019, 123, 8813-8817.	3.1	8
70	Electrically driven metal and all-dielectric nanoantennas for plasmon polariton excitation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 244, 106825.	2.3	8
71	Dyakonov-like surface waves in anisotropic cylindrical waveguides. Physical Review B, 2020, 101, .	3.2	8
72	High-Q states and Strong mode coupling in high-index dielectric resonators.. Journal of Physics: Conference Series, 2018, 1124, 051058.	0.4	7

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73	Scanning Tunneling Microscopy-Induced Light Emission and $\langle i \rangle I \langle /i \rangle \langle i \rangle V \langle /i \rangle$ Study of Optical Near-Field Properties of Single Plasmonic Nanoantennas. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 501-507.	4.6	7
74	Nanoscale Gallium Phosphide Epilayers on Sapphire for Low-Loss Visible Nanophotonics. <i>ACS Applied Nano Materials</i> , 2022, 5, 8846-8858.	5.0	7
75	Bound states in the continuum in multipolar lattices. <i>Physical Review B</i> , 2022, 105, .	3.2	7
76	Dark-field imaging as a noninvasive method for characterization of whispering gallery modes in microdisk cavities. <i>Optics Letters</i> , 2016, 41, 749.	3.3	6
77	Visualization of Isofrequency Contours of Strongly Localized Waveguide Modes in Planar Dielectric Structures. <i>JETP Letters</i> , 2018, 107, 10-14.	1.4	6
78	Improved emission outcoupling from microdisk laser by Si nanospheres. <i>Journal of Physics: Conference Series</i> , 2016, 741, 012158.	0.4	5
79	Polarization-controlled selective excitation of Mie resonances in a dielectric nanoparticle on a coated substrate. <i>Physical Review B</i> , 2020, 102, .	3.2	5
80	Perfect Absorption of a Focused Light Beam by a Single Nanoparticle. <i>Laser and Photonics Reviews</i> , 2021, 15, 2000430.	8.7	5
81	Anapole-enabled RFID security against far-field attacks. <i>Nanophotonics</i> , 2021, 10, 4409-4418.	6.0	5
82	Theoretical analysis of free carrier absorption in the cavity of a quantum cascade laser. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 885-895.	1.5	4
83	Near-Field Observation of Guided-Mode Resonances on a Metasurface via Dielectric Nanosphere Excitation. <i>ACS Photonics</i> , 2018, 5, 4238-4243.	6.6	4
84	Excitation of a bound state in the continuum via spontaneous symmetry breaking. <i>Physical Review B</i> , 2021, 103, .	3.2	4
85	ENUMERATING THE k -TANGLE PROJECTIONS. <i>Journal of Knot Theory and Its Ramifications</i> , 2012, 21, 1250069.	0.3	3
86	Tamm-Langmuir surface waves. <i>Physical Review A</i> , 2016, 94, .	2.5	3
87	Excitonic lasing of strain-free InP(As) quantum dots in AllnAs microdisk. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	3
88	Bound state in the continuum in 1D chain of dielectric disks: theory and experiment. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012012.	0.4	3
89	Noise reduction using structures based on coupled Helmholtz resonators. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
90	A simple analytic approach to the problem of excitation of surface plasmon polaritons with a dipole nanoantenna. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2021, 43, 100895.	2.0	3

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91	Fractional Charge States in the Magneto-Photoluminescence Spectra of Single-Electron InP/GaNP2 Quantum Dots. <i>Nanomaterials</i> , 2021, 11, 493.	4.1	3
92	Generalization of exceptional point conditions in perturbed coupled resonators. <i>Physical Review B</i> , 2021, 104, .	3.2	3
93	Hybrid surface plasmon polaritons localized at anisotropic metasurface. , 2016, , .		2
94	Optical bound state in the continuum in the one-dimensional photonic crystal slab: Theory and experiment. , 2016, , .		2
95	Effect of substrate on optical bound states in the continuum in 1D photonic structures. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
96	2<i>Ï€</i> steering of surface plasmon polaritons with silicon nanoantennas. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012140.	0.4	2
97	Boosting Second-Harmonic Generation in Nonlinear Metasurfaces with Bound States in the Continuum. , 2019, , .		2
98	Tuning 2nd and 3rd order exceptional points with Kerr nonlinearity. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2
99	Analytical Calculations of Scattering Amplitude of Surface Plasmon Polaritons Excited by a Spherical Nanoantenna. <i>Nanomaterials</i> , 2021, 11, 2937.	4.1	2
100	Polarization degeneracy of TE and TM eigenmodes for dielectric metasurface in the microwave. <i>Journal of Physics: Conference Series</i> , 2021, 2015, 012008.	0.4	2
101	The science of harnessing lightâ€™s darkness. <i>Nanophotonics</i> , 2021, 10, 4171-4173.	6.0	2
102	Polarization States of Surface Electromagnetic Waves on Resonant Anisotropic Metasurfaces: from Theory to Experimental Verification in Microwaves. , 2020, , .		2
103	Mass-spectrometric study of the electron-beam-stimulated conversion of sulfur dioxide. <i>Technical Physics Letters</i> , 2009, 35, 657-660.	0.7	1
104	New types of surface waves on hyperbolic metasurface. , 2015, , .		1
105	Tunable spin-directional coupling for surface localized waves with anisotropic metasurface. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
106	Retrieval procedure of effective conductivity for plasmonic resonant anisotropic metasurface. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
107	Optical bound state in the continuum in the one-dimensional photonic structures: Transition into a resonant state. , 2017, , .		1
108	Experimental observation of symmetry protected bound state in the radiation continuum in the periodic array of ceramic disks. <i>Journal of Physics: Conference Series</i> , 2018, 1124, 051057.	0.4	1

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109	Tractor beams at metamaterial substrates. Journal of Physics: Conference Series, 2018, 1092, 012132.	0.4	1
110	Two-dimensional position-sensitive spectrometer for registration of ionizing radiation. Journal of Physics: Conference Series, 2019, 1400, 055050.	0.4	1
111	A Multichannel Spectrometric Readout System for Strip Semiconductor Detectors. Instruments and Experimental Techniques, 2019, 62, 764-770.	0.5	1
112	Multipole analysis of bound states in the continuum supported by a periodic array of spheres. , 2019, , .		1
113	Filling of In(Ga)P/GaInP quantum dot electron states detected by microphotoluminescence. Journal of Physics: Conference Series, 2019, 1400, 077013.	0.4	1
114	Controlling Energy Spectra and Whispering Gallery Modes of Electrons in a Few Electrons Lateral QD. Journal of Physics: Conference Series, 2020, 1461, 012135.	0.4	1
115	High-Permittivity Ceramic Tags Miniaturization for Long-Range RFID Applications. , 2021, , .		1
116	Attraction Optical Forces inside Hyperbolic Metamaterials. , 2016, , .		1
117	Hybrid silicon-phase change nanoantenna for surface plasmon polariton routing. AIP Conference Proceedings, 2020, , .	0.4	1
118	Second harmonic generation in hybrid GaP/Au nanocylinders. Journal of Physics: Conference Series, 2021, 2015, 012172.	0.4	1
119	Angular Pinning of Accidental Bound State in the Continuum. , 2021, , .		1
120	Basic technology for developing cost-effective thermal waste recycling industry. Russian Journal of Physical Chemistry B, 2012, 6, 643-646.	1.3	0
121	High-Temperature Lasing and Control of Emission Spectra in Microdisk and Microring Lasers with Quantum Dots. , 2014, , .		0
122	Homogenization of quantum metamaterial. , 2015, , .		0
123	Optical forces induced at the metal surface. , 2015, , .		0
124	Temperature induced topological transition in semiconductor metamaterial. , 2015, , .		0
125	Dark-field spectroscopy of whispering gallery mode cavities. , 2015, , .		0
126	Optical pulling force in the vicinity of plasmonic interfaces. , 2016, , .		0

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127	New degrees of freedom of spin-optonics implemented by using hybrid surface waves localized at hyperbolic metasurface. , 2016, , .		0
128	Plasmonic substrates for optical tweezers. , 2016, , .		0
129	Nonlocality in anisotropic optical metamaterials. , 2016, , .		0
130	Slow light in nonlocal anisotropic metamaterials. , 2016, , .		0
131	Theory of Fano resonance for scattering spectrum of all-dielectric spherical resonators. AIP Conference Proceedings, 2017, , .	0.4	0
132	Photoluminescence behavior of nanoimprinted halide perovskite at low temperatures. AIP Conference Proceedings, 2017, , .	0.4	0
133	Demultiplexing surface waves with silicon nanoantennas. AIP Conference Proceedings, 2017, , .	0.4	0
134	Lasing in microdisks with an active region based on lattice-matched InP/AlInAs nanostructures. Technical Physics, 2017, 62, 1082-1086.	0.7	0
135	Plasmonic nanoantenna for enhancement of vertical emission from whispering gallery mode laser. , 2017, , .		0
136	The motion of nanoparticles under the non-conservative forces mediated by surface plasmon polaritons. Journal of Physics: Conference Series, 2017, 917, 062056.	0.4	0
137	Destruction of symmetry protected optical bound state in the continuum by high-index substrate and roughnesses. , 2017, , .		0
138	Plasmonic trapping and antitrapping of nanoparticles. , 2017, , .		0
139	Recoil force of surface plasmon polariton. , 2017, , .		0
140	Optical antitrapping of nanoparticles in Gaussian beam due to surface modes of a substrate. , 2017, , .		0
141	Nonlocal homogenization of coated wire medium. , 2017, , .		0
142	Optical binding near a planar interface. , 2017, , .		0
143	Optical binding of two nanoparticles near interface. , 2017, , .		0
144	Effective conductivity tensor of plasmonic anisotropic metasurface: Theory and experiment. , 2017, , .		0

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145	Dispersion of surface waves in all-dielectric hyperbolic metasurfaces. , 2017, , .		0
146	Effect of finite lateral size of dielectric grating on optical bound state in the continuum. Journal of Physics: Conference Series, 2018, 1092, 012127.	0.4	0
147	Direct near-field mapping of nano-sphere-excited leaky surface modes atanisotropic metasurface. Journal of Physics: Conference Series, 2018, 1092, 012165.	0.4	0
148	Eigenmodes degeneracy with Huygens-like all-dielectric metasurface. Journal of Physics: Conference Series, 2018, 1092, 012169.	0.4	0
149	Quasi-Bound States in the Continuum in a Finite Chain of Dielectric Scatterers: Theory and Experiment. , 2018, , .		0
150	Metamaterial substrates for optical pulling forces. , 2018, , .		0
151	High-Q states in subwavelength dielectric resonators forming in strong mode coupling regime. , 2019, , .		0
152	Investigation of the Lower Limit of the Applicability of Effective Medium Approximation for Hyperbolic Metamaterials. , 2019, , .		0
153	Compact static mass spectrometer for medical diagnostics. Journal of Physics: Conference Series, 2019, 1400, 033015.	0.4	0
154	How Thin Multilayer Hyperbolic Metamaterial Can Be?. , 2019, , .		0
155	Numerical and analytical models for calculating optical forces near auxiliary plasmonic substrates. AIP Conference Proceedings, 2019, , .	0.4	0
156	Visualization of isofrequency contours of guided modes in all-dielectric hyperbolic-like metasurface. , 2019, , .		0
157	Sublayer induced enhancement of electric and magnetic dipole scattering of dielectric nanoparticles. Journal of Physics: Conference Series, 2020, 1461, 012133.	0.4	0
158	Bound states in the continuum supported by two-layered wires structure. Journal of Physics: Conference Series, 2020, 1461, 012145.	0.4	0
159	Polarization hybridization of surface waves on anisotropic metasurface. Journal of Physics: Conference Series, 2020, 1461, 012196.	0.4	0
160	Calculation of the 1D grating scattering matrix frequency derivatives. Journal of Physics: Conference Series, 2020, 1461, 012159.	0.4	0
161	Dynamics of a dark mode excitation in nonlinear systems. AIP Conference Proceedings, 2020, , .	0.4	0
162	Symmetry analysis of multipolar contributions to eigenmodes of optical resonators. Journal of Physics: Conference Series, 2020, 1461, 012049.	0.4	0

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163	Fabrication of halide-perovskite resonant microcylinders by nanoimprint lithography. Journal of Physics: Conference Series, 2020, 1461, 012178.	0.4	0
164	Exceptionally high coupling of light into optical fibers via all-dielectric nanostructures. , 2021, , .		0
165	Fano Resonances in Individual Dielectric Nanoantennas. , 2021, , .		0
166	Excitation of a bound state in the continuum in nonlinear systems from the far field. , 2021, , .		0
167	Record-breaking light coupling into nanostructured optical fibers under large incident angles. , 2021, , .		0
168	Observation of Ultrafast Self-Action Effects in Resonant Dielectric Metasurfaces. , 2021, , .		0
169	From high-Q magnetic dipole scattering to broadband electric field localization by silicon nanoparticle on metal. , 2016, , .		0
170	Optical forces in nanorod metamaterials: beyond the effective medium approach. , 2016, , .		0
171	Hybrid localized waves supported by resonant anisotropic metasurfaces. , 2016, , .		0
172	High-Q resonances with low azimuthal indices in all-dielectric high-index nanoparticles. , 2017, , .		0
173	Photoluminescence behavior of nanoimprinted halide perovskite at low temperatures. , 2018, , .		0
174	Plasmonic anisotropic metasurfaces: from far-field measurements to near-field properties. , 2018, , .		0
175	Radiation outcoupling efficiency from hyperbolic metamaterial resonators of various shapes. AIP Conference Proceedings, 2020, , .	0.4	0
176	Observation of Quasi-BIC Modes and Fano Resonances in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
177	Observation of Supercavity Modes in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
178	Fano resonances in individual AlGaAs nanoparticles driven by quasi-BIC modes. , 2020, , .		0
179	Polarization driven control over scattering of a silicon nanoparticle on one-layered substrate. AIP Conference Proceedings, 2020, , .	0.4	0
180	Compact ceramic resonators for RFID applications. AIP Conference Proceedings, 2020, , .	0.4	0

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181	Analysis of multipolar contributions to eigenmodes in resonators of various shapes. , 2020, , .		0
182	Photonic BICs in Si structures with Ge self-assembled quantum dots. , 2021, , .		0
183	Miniaturized all-angle accessible RFID tag. Journal of Physics: Conference Series, 2021, 2015, 012092.	0.4	0
184	Spatial mapping of optical modes in plasmonic nanoantenna by scanning tunneling microscopy. Journal of Physics: Conference Series, 2021, 2015, 012139.	0.4	0
185	Canalization, routing and polarization peculiarities of hyperbolic plasmon-polaritons on resonant anisotropic metasurfaces. , 2021, , .		0
186	STM Light Emission and I(V) study of single gold nanoantenna. Journal of Physics: Conference Series, 2021, 2086, 012103.	0.4	0