Sergei G Tikhodeev

List of Publications by Year
in descending order

171 papers	5,211 citations	101543 36 h-index	91884 69 g-index
182 all docs	182 docs citations	182 times ranked	4046 citing authors

#	Article	IF	Citations
1	Waveguide-Plasmon Polaritons: Strong Coupling of Photonic and Electronic Resonances in a Metallic Photonic Crystal Slab. Physical Review Letters, 2003, 91, 183901.	7.8	534
2	Quasiguided modes and optical properties of photonic crystal slabs. Physical Review B, 2002, 66, .	3.2	497
3	Excitons in self-organized semiconductor/insulator superlattices: PbI-based perovskite compounds. Physical Review B, 1995, 51, 14370-14378.	3.2	277
4	Symmetry Breaking in a Plasmonic Metamaterial at Optical Wavelength. Nano Letters, 2008, 8, 2171-2175.	9.1	228
5	Optical properties of planar metallic photonic crystal structures:â€ƒExperiment and theory. Physical Review B, 2004, 70, .	3.2	225
6	Polarization Multistability of Cavity Polaritons. Physical Review Letters, 2007, 98, 236401.	7.8	176
7	Controlling the Fano interference in a plasmonic lattice. Physical Review B, 2007, 76, .	3.2	175
8	Matched coordinates and adaptive spatial resolution in the Fourier modal method. Optics Express, 2009, 17, 8051.	3.4	115
9	Nonlinear dynamics of polariton scattering in semiconductor microcavity: Bistability vs. stimulated scattering. Europhysics Letters, 2004, 67, 997-1003.	2.0	113
10	Controlling the interaction between localized and delocalized surface plasmon modes: Experiment and numerical calculations. Physical Review B, 2006, 74, .	3.2	109
11	Porous Si anisotropy from photoluminescence polarization. Applied Physics Letters, 1995, 67, 1585-1587.	3.3	106
12	Spectral features of inelastic electron transport via a localized state. Physical Review B, 2003, 68, .	3.2	97
13	Optical properties of photonic crystal slabs with an asymmetrical unit cell. Physical Review B, 2005, 72, .	3.2	91
14	Linear polarization of photoluminescence emission and absorption in quantum-well wire structures: Experiment and theory. Physical Review B, 1995, 51, 4272-4277.	3.2	82
15	Angle dependence of the spontaneous emission from confined optical modes in photonic dots. Physical Review B, 1999, 59, 2223-2229.	3.2	75
16	Relation between inelastic electron tunneling and vibrational excitation of single adsorbates on metal surfaces. Physical Review B, 2004, 70, .	3.2	62
17	Theory of vibrational tunneling spectroscopy of adsorbates on metal surfaces. Surface Science, 2002, 502-503, 26-33.	1.9	56
18	Dielectric enhancement of excitons in near-surface quantum wells. Physical Review B, 1996, 54, R2335-R2338.	3.2	55

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19	Optimized Design of Plasmonic MSM Photodetector. IEEE Journal of Quantum Electronics, 2007, 43, 855-859.	1.9	55
20	Self-organization of multiple polariton-polariton scattering in semiconductor microcavities. Physical Review B, 2008, 77, .	3.2	55
21	Transverse Photovoltage Induced by Circularly Polarized Light. Physical Review Letters, 2009, 103, 103906.	7.8	54
22	Circularly polarized light emission from chiral spatially-structured planar semiconductor microcavities. Physical Review B, 2014, 89, .	3.2	54
23	Near-fieldâ€“induced tunability of surface plasmon polaritons in composite metallic nanostructures. Journal of Microscopy, 2008, 229, 344-353.	1.8	53
24	Resonant mode coupling of optical resonances in stacked nanostructures. Optics Express, 2010, 18, 7569.	3.4	51
25	Theory of inelastic tunneling spectroscopy of a single molecule â€“ Competition between elastic and inelastic current. Surface Science, 2007, 601, 5220-5225.	1.9	50
26	Derivation of plasmonic resonances in the Fourier modal method with adaptive spatial resolution and matched coordinates. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 238.	1.5	50
27	Large-area metallic photonic crystal fabrication with interference lithography and dry etching. Applied Physics B: Lasers and Optics, 2005, 81, 271-275.	2.2	49
28	Enhancement of spontaneous emission rates by three-dimensional photon confinement in Bragg microcavities. Physical Review B, 1997, 56, R4367-R4370.	3.2	47
29	Contribution to a theory of vibrational scanning tunneling spectroscopy of adsorbates. Surface Science, 2001, 493, 63-70.	1.9	47
30	Phonon-driven carrier transport caused by short excitation pulses in semiconductors. Physical Review B, 1992, 46, 15058-15062.	3.2	41
31	Excitons in near-surface quantum wells in magnetic fields: Experiment and theory. Journal of Applied Physics, 1998, 83, 5410-5417.	2.5	41
32	Polariton Effect in Distributed Feedback Microcavities. Journal of the Physical Society of Japan, 2001, 70, 1137-1144.	1.6	41
33	Multistability of the optical response in a system of quasi-two-dimensional exciton polaritons. Journal of Experimental and Theoretical Physics, 2010, 110, 825-836.	0.9	41
34	Analytical normalization of resonant states in photonic crystal slabs and periodic arrays of nanoantennas at oblique incidence. Physical Review B, 2017, 96, .	3.2	40
35	Kinetics of Stimulated Polariton Scattering in Planar Microcavities: Evidence for a Dynamically Self-Organized Optical Parametric Oscillator. Physical Review Letters, 2008, 101, 136401.	7.8	38
36	Efficient calculation of the optical properties of stacked metamaterials with a Fourier modal method. Journal of Optics, 2009, 11, 114019.	1.5	38

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37	The electron-hole liquid in a semiconductor. Uspekhi Fizicheskikh Nauk, 1985, 28, 1-30.	0.3	36
38	Controlling circular polarization of light emitted by quantum dots using chiral photonic crystal slabs. Physical Review B, 2015, 92, .	3.2	36
39	Plasmonic Analog of Electromagnetically Induced Absorption Leads to Giant Thin Film Faraday Rotation of 14Â°. Physical Review X, 2017, 7, .	8.9	33
40	Interaction between localized and delocalized surface plasmon polariton modes in a metallic photonic crystal. Physica Status Solidi (B): Basic Research, 2006, 243, 2344-2348.	1.5	31
41	Optical switching in metallic photonic crystal slabs with photoaddressable polymers. Applied Physics B: Lasers and Optics, 2006, 82, 543-547.	2.2	31
42	Emission properties of an oscillating point dipole from a gold Yagi-Uda nanoantenna array. Physical Review B, 2012, 85, .	3.2	31
43	Bistability and nonequilibrium transitions in the system of cavity polaritons under nanosecond-long resonant excitation. Physical Review B, 2012, 85, .	3.2	31
44	Metallodielectric photonic crystal superlattices: Influence of periodic defects on transmission properties. Physical Review B, 2006, 73, .	3.2	30
45	How Vibrationally Assisted Tunneling with STM Affects the Motions and Reactions of Single Adsorbates. Physical Review Letters, 2009, 102, 246101.	7.8	30
46	Surface states in the optical spectra of two-dimensional photonic crystals with various surface terminations. Physical Review B, 2012, 86, .	3.2	30
47	Photonic Bound States in the Continuum in Si Structures with the Selfâ€Assembled Ge Nanoislands. Laser and Photonics Reviews, 2021, 15, 2000242.	8.7	30
48	Polarization control of quantum dot emission by chiral photonic crystal slabs. Optics Letters, 2015, 40, 1528.	3.3	28
49	Magnetic field free circularly polarized thermal emission from a chiral metasurface. Physical Review B, 2018, 98, .	3.2	28
50	Multiple-polariton scattering in a semiconductor microcavity. Journal of Physics Condensed Matter, 2004, 16, S3653-S3664.	1.8	26
51	Temperature dependent two-photon photoluminescence of CH₃NH₃PbBr₃: structural phase and exciton to free carrier transition. Optical Materials Express, 2018, 8, 511.	3.0	26
52	Polarization instability in a polariton system in semiconductor microcavities. JETP Letters, 2010, 92, 171-178.	1.4	25
53	Wide-band enhancement of the transverse magneto-optical Kerr effect in magnetite-based plasmonic crystals. Physical Review B, 2019, 100, .	3.2	25
54	Comment on â€œDirected Beam of Excitons Produced by Stimulated Scatteringâ€• Physical Review Letters, 1997, 78, 3225-3225.	7.8	24

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55	Application of the scattering matrix method for calculating the optical properties of metamaterials. Physics-Uspekhi, 2009, 52, 967-971.	2.2	23
56	Tamm minibands in superlattices. Solid State Communications, 1991, 78, 339-342.	1.9	22
57	Plasmon induced modification of silicon nanocrystals photoluminescence in presence of gold nanostripes. Scientific Reports, 2018, 8, 4911.	3.3	22
58	Transmission properties of a two-dimensional photonic crystal slab with an excitonic resonance. IEEE Journal of Quantum Electronics, 2002, 38, 872-879.	1.9	21
59	Control of magnetic dipole terahertz radiation by cavity-based phase modulation. Optics Express, 2011, 19, 22550.	3.4	21
60	Hard mode of stimulated scattering in the system of quasi-two-dimensional exciton polaritons. Journal of Experimental and Theoretical Physics, 2007, 104, 715-723.	0.9	20
61	Waveguide-plasmon polaritons in photonic crystal slabs with metal nanowires. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 795-800.	0.8	18
62	Lorentz Nonreciprocal Model for Hybrid Magnetoplasmonics. Physical Review Letters, 2016, 117, 063901.	7.8	18
63	Strong resonant mode coupling of Fabryâ€“Perot and grating resonances in stacked two-layer systems. Photonics and Nanostructures - Fundamentals and Applications, 2011, 9, 390-397.	2.0	17
64	Exciton Transport in Cu2O: Phonon Wind versus Superfluidity. Physica Status Solidi (B): Basic Research, 1998, 206, 45-53.	1.5	16
65	Hard excitation of stimulated polaritonâ€“polariton scattering in semiconductor microcavities. Physics-Uspekhi, 2005, 48, 306-312.	2.2	16
66	Plasmonâ€“polariton effects in nanostructured metalâ€“dielectric photonic crystals and metamaterials. Physics-Uspekhi, 2009, 52, 945-949.	2.2	16
67	Optical fano resonances in photonic crystal slabs near diffraction threshold anomalies. JETP Letters, 2011, 93, 427-430.	1.4	16
68	Metalâ€“dielectric photonic crystal superlattice: 1D and 2D models and empty lattice approximation. Physica B: Condensed Matter, 2012, 407, 4037-4042.	2.7	16
69	Circularly polarized lasing in chiral modulated semiconductor microcavity with GaAs quantum wells. Applied Physics Letters, 2016, 109, .	3.3	16
70	Tunable green lasing from circular grating distributed feedback based on CH₃NH₃PbBr₃ perovskite. Optical Materials Express, 2019, 9, 2006.	3.0	16
71	Exciton transport in Cu2O: Nonequilibrium phonons instead of Bose condensation. Solid State Communications, 1996, 99, 93-97.	1.9	15
72	Polaritonâ€“polariton scattering and the nonequilibrium condensation of exciton polaritons in semiconductor microcavities. Physics-Uspekhi, 2003, 46, 967-971.	2.2	15

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73	Rotation of a Single Acetylene Molecule on Cu(001) by Tunneling Electrons in STM. Physical Review Letters, 2013, 111, 186102.	7.8	15
74	Dielectric enhancement of excitons in semiconducting quantum wires. Journal of Experimental and Theoretical Physics, 1997, 84, 151-155.	0.9	14
75	Coulomb correction to the dressed exciton in an inorganic-organic layered semiconductor: Detuning dependence of the Stark shift. Physical Review B, 2004, 69, .	3.2	14
76	Optical properties of silicon nanocrystals covered by periodic array of gold nanowires. Physical Review B, 2016, 93, .	3.2	14
77	Magneto-optical study of ZnSe-based quantum wells. Physica B: Condensed Matter, 1998, 256-258, 323-326.	2.7	13
78	Quasiguided modes of opaline photonic crystals covered by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ge</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml: Physical Review B, 2017, 96, .	3.2	13
79	Stimulated polaritonâ€“polariton scattering in semiconductor microcavities. Physics-Uspekhi, 2005, 48, 312-318.	2.2	12
80	Dielectric enhancement of magnetoexcitons in surface quantum wells. JETP Letters, 1996, 64, 51-56.	1.4	11
81	Optical Properties of Polaritonic Crystal Slab. Physica Status Solidi A, 2002, 190, 413-419.	1.7	11
82	Numerical methods for calculation of optical properties of layered structures. Proceedings of SPIE, 2009, , .	0.8	11
83	Phonon Raman scattering in quantum wires. Solid-State Electronics, 1996, 40, 707-710.	1.4	10
84	Waveguide Plasmon Polaritons in Metalâ€“Dielectric Photonic Crystal Slabs. Physics of the Solid State, 2005, 47, 145.	0.6	10
85	Excitons in Near Surface Quantum Wells: Local Probe of Semiconductor/Vacuum Surface. Physica Status Solidi A, 1997, 164, 179-182.	1.7	9
86	Linear and nonlinear excitonic absorption in semiconducting quantum wires crystallized in a dielectric matrix. Journal of Experimental and Theoretical Physics, 1998, 87, 382-387.	0.9	9
87	Hyperspherical theory of anisotropic exciton. Journal of Mathematical Physics, 2000, 41, 6026-6041.	1.1	9
88	On the Bose-Einstein condensation of particles with finite lifetime - as demonstrated by excitons. Solid State Communications, 1989, 72, 1075-1079.	1.9	8
89	Comment on â€œCritical Velocities in Exciton Superfluidityâ€• Physical Review Letters, 2000, 84, 3502-3502.	7.8	8
90	Tailoring the photonic band splitting in metallodielectric photonic crystal superlattices. Physical Review B, 2011, 84, .	3.2	8

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91	All-carbon diamond/graphite metasurface: Experiment and modeling. Applied Physics Letters, 2018, 113, 041101.	3.3	8
92	Vertical Routing of Spinning-Dipole Radiation from a Chiral Metasurface. Physical Review Applied, 2020, 14, .	3.8	8
93	Polarization of porous silicon photoluminescence: alignment and built-in anisotropy. Thin Solid Films, 1996, 276, 120-122.	1.8	7
94	Optical properties of anisotropic exciton: Hyperspherical theory. Physical Review B, 1999, 59, 4600-4603.	3.2	7
95	Theory of inelastic tunneling and its relation to vibrational excitation in ladder climbing processes of single adsorbates. Surface Science, 2005, 587, 25-33.	1.9	7
96	Optical properties of grooved silicon microstructures: Theory and experiment. Journal of Experimental and Theoretical Physics, 2011, 113, 80-85.	0.9	7
97	Polarization-dependent optical effects in open quantum well wires. Superlattices and Microstructures, 1994, 16, 165.	3.1	6
98	Linear polarization of photoluminescence and Raman scattering in open InGaAs/InP quantum well wires. Physica Status Solidi (B): Basic Research, 1995, 188, 269-273.	1.5	6
99	Self-Trapped Excitons in Semiconductor Quantum Wires Inside a Polar Dielectric Matrix. Physica Status Solidi A, 1997, 164, 393-396.	1.7	6
100	Exciton Transport in Cu2O. Physica Status Solidi A, 2000, 178, 63-68.	1.7	6
101	Polarization, spectral, and spatial emission characteristics of chiral semiconductor nanostructures. JETP Letters, 2017, 106, 643-647.	1.4	6
102	Dielectrically confined excitons and polaritons in natural superlattices - perovskite lead iodide semiconductors. European Physical Journal Special Topics, 1993, 03, 437-440.	0.2	5
103	Inhomogeneous strains in semiconducting nanostructures. Journal of Experimental and Theoretical Physics, 1999, 88, 1045-1049.	0.9	5
104	Plasmon polaritons in a metallic photonic crystal slab. Physica Status Solidi C: Current Topics in Solid State Physics, 2003, 0, 1393-1396.	0.8	5
105	Optical fuse effect in a tunable liquid crystal waveguide with a Cr grating coupler. Applied Physics Letters, 2007, 91, .	3.3	5
106	Transient optical parametric oscillations in resonantly pumped multistable cavity polariton condensates. Physical Review B, 2015, 92, .	3.2	5
107	Transient spectroscopy of near-condensate modes in the system of exciton polaritons in a semiconductor microcavity. JETP Letters, 2015, 101, 7-11.	1.4	5
108	Transverse Magneto-Optical Kerr Effect in Magnetite Covered by Array of Gold Nanostripes. Semiconductors, 2018, 52, 1857-1860.	0.5	5

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109	Interface (Tamm) minibands in superlattices. Surface Science, 1992, 264, L223-L226.	1.9	4
110	Surface plasmon polaritons in metallo-dielectric meander-type gratings. JETP Letters, 2009, 90, 355-358.	1.4	4
111	Parametric scattering in a system of quasi-two-dimensional exciton polaritons under photoexcitation near the bottom of the upper polariton branch. JETP Letters, 2011, 94, 647-652.	1.4	4
112	Surface Tamm states in a photonic crystal slab with asymmetric termination. Physica Status Solidi - Rapid Research Letters, 2013, 7, 481-484.	2.4	4
113	Phonon wind generation in Ge by C02 laser induced heating of electron-hole drops. Physica Status Solidi (B): Basic Research, 1986, 134, 631-639.	1.5	3
114	Polaritons in semiconductor/insulator superlattices with nonlocal excitonic response. Superlattices and Microstructures, 1994, 15, 479-482.	3.1	3
115	Theory of vibrational excitations of adsorbates by the scanning tunneling spectroscopy. Surface Science, 2001, 493, 71-77.	1.9	3
116	Linear and nonlinear optical properties of strongly coupled metal nanoparticles. , 2006, , .		3
117	Isotope effect in acetyleneC2H2andC2D2rotations on Cu(001). Physical Review B, 2014, 89, .	3.2	3
118	Control of light polarization by voltage in excitonic metasurface devices. Applied Physics Letters, 2017, 111, 241101.	3.3	3
119	Effect of grain orientation on properties of diamond/graphite metasurface fabricated by laser direct-write. Journal of Physics: Conference Series, 2018, 1092, 012061.	0.4	3
120	Influence of disorder on a Bragg microcavity. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 139.	2.1	3
121	Strong Local Field Enhancement of Raman Scattering Observed in Metal-Dielectric Gratings due to Vertical Fabry-Perot Modes of Surface Plasmon Polaritons. Physical Review Applied, 2022, 17, .	3.8	3
122	Accelerated decay of Î³-drops in Ge in the microwave field. Solid State Communications, 1982, 43, 69-72.	1.9	2
123	Interaction of high power CO₂ laser radiation with a nonequilibrium carrier system in Ge at low temperatures. Physica Status Solidi (B): Basic Research, 1983, 115, 75-81.	1.5	2
124	Decay and recondensation of electron-hole liquid in germanium under CO2 laser pulse irradiation: Investigation by microwave conductivity measurements. Solid State Communications, 1983, 48, 725-729.	1.9	2
125	Polariton Effect in a Chain of Coupled Photonic Dots. Physica Status Solidi A, 2000, 178, 587-592.	1.7	2
126	Bistability vs stimulated scattering in semiconductor microcavities. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 744-750.	0.8	2

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127	Stimulated parametric scattering of excitonic polaritons in planar GaAs microcavities: Distinctive feature of QW electric field. Solid State Communications, 2007, 144, 384-389.	1.9	2
128	Optical spectra of two-dimensional photonic crystal bars based on macroporous Si. , 2011, , .		2
129	Eigenmode analysis of the waveguide-plasmon structure based on a-Si1-C :H layer with 1D gold grating. Photonics and Nanostructures - Fundamentals and Applications, 2021, 48, 100975.	2.0	2
130	Stress Distributions in Free Standing Quantum Well Dots and Wires. Materials Research Society Symposia Proceedings, 1995, 405, 121.	0.1	1
131	Polaritons in Pbîâ€based selfâ€organized superlattices. Physica Status Solidi (B): Basic Research, 1995, 188, 57-60.	1.5	1
132	Confined photonic modes in distributed Bragg microresonator in magnetic field. Physica B: Condensed Matter, 1998, 256-258, 351-355.	2.7	1
133	Ultrafast spontaneous emission: Exciton radiative decay vs phonon scattering and disorder. Physica Status Solidi C: Current Topics in Solid State Physics, 2003, 0, 1421-1424.	0.8	1
134	Optical Properties of Planar Metallo-Dielectric Photonic Crystals. , 2006, , 85-108.		1
135	Calculation of complex shapes in the Fourier modal method through the concept of coordinate transformations. , 2009, , .		1
136	On the development time of the parametric instability of polariton-polariton scattering in a planar semiconductor microcavity. JETP Letters, 2010, 92, 547-551.	1.4	1
137	Radiation from an oscillating point dipole from a photonic crystal layer of dielectric nanocolumns. JETP Letters, 2011, 93, 555-558.	1.4	1
138	Tunable Microcavity Based on Macroporous Silicon: Feasibility of Fabrication. Journal of Lightwave Technology, 2013, 31, 2694-2700.	4.6	1
139	Transverse magneto-optical Kerr effect in magnetoplasmonic waveguide structures based on Fe₃O₄. Journal of Physics: Conference Series, 2019, 1400, 066014.	0.4	1
140	Optical properties of laser-modified diamond: From visible to microwave range. Quantum Electronics, 2019, 49, 672-675.	1.0	1
141	Photoluminescence spectra of SiC waveguide in the presence of two-dimensional plasmonic lattice of gold nanoparticles. AIP Conference Proceedings, 2020, , .	0.4	1
142	Exciton Transport in Cu2O: Phonon Wind versus Superfluidity. , 1998, 206, 45.		1
143	Fourier-Imaging Spectroscopy of Two-Dimensional Gold Nanodisk Array on Photoluminescent Layer. Semiconductors, 2020, 54, 1893-1896.	0.5	1
144	Spectral Fourier-microscopy of the periodic structures based on Ge₂Sb₂Te₅. Journal of Physics: Conference Series, 2021, 2103, 012173.	0.4	1

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145	Use of lasers to investigate condensation of nonequilibrium carriers in semiconductors. Journal of Soviet Laser Research, 1985, 6, 404-411.	0.2	0
146	Phonoriton Transient Phenomena. Physica Status Solidi (B): Basic Research, 1990, 159, 71-79.	1.5	0
147	Dielectrically confined excitons in natural superlattices: perovskite lead iodide semiconductors. , 1993, , .		0
148	Linear Polarization of Porous Si Photoluminescence. Materials Research Society Symposia Proceedings, 1995, 405, 203.	0.1	0
149	Magnetic excitons in near-surface quantum wells: Experiment and theory. Physics of the Solid State, 1998, 40, 740-742.	0.6	0
150	Near surface quantum well excitons in magnetic fields. Physica B: Condensed Matter, 1998, 249-251, 580-583.	2.7	0
151	Spatial Coherence of Polaritons in Semiconductor Microcavities. Physica Status Solidi (B): Basic Research, 2000, 221, 163-167.	1.5	0
152	Controlling the polarization state of confined photon modes in photonic wires by a magnetic field. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 7, 666-670.	2.7	0
153	Optical properties of distributed feedback microcavities with exciton resonance. , 0, , .		0
154	<title>Optical properties of polaritons in excitonic layers in symmetric and asymmetric dielectric environment</title>. , 2004, , .		0
155	Does the momentum conservation explain photo-induced current in metallic photonic crystal slabs?. , 0, , .		0
156	Controlling the coupling between localized and delocalized surface plasmon modes in a metallic photonic crystal slab. , 2006, , .		0
157	Nanostructured metallic electrodes for optoelectronic devices. , 2007, , .		0
158	Symmetry breaking in a plasmonic metamaterial. , 2008, , .		0
159	Index-near-zero properties of metallic meander structures. , 2009, , .		0
160	Modelling of surface plasmon polaritons in a 2D superlattice. , 2009, , .		0
161	Effective electromagnetic response of nanostructured metal-dielectric metamaterials. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 88-90.	0.6	0
162	Resonant mode coupling for deriving optical resonances in stacked grating structures. , 2010, , .		0

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163	Acceleration of Parameter Studies in the Fourier Modal Method by Introducing Lateral Shift Matrices. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1625-1630.	0.4	0
164	Emission of quantum dots from waveguides with chiral spatially-modulated upper part. , 2014, , .		0
165	Elliptically polarized exciton-polariton condensate in a semiconductor microcavity with a chiral photonic crystal slab. Journal of Physics: Conference Series, 2018, 1092, 012071.	0.4	0
166	Emitting properties of a-Si:C:H films with a gold submicron grating. Journal of Physics: Conference Series, 2020, 1461, 012126.	0.4	0
167	Anomalous transport of excitons in Cu2O. Springer Proceedings in Physics, 2001, , 105-106.	0.2	0
168	Photo-induced voltage across negative index metamaterials. , 2006, , .		0
169	Photo-induced Voltage in Perforated Metal-Dielectric-Metal Multilayer Structure. , 2007, , .		0
170	INELASTIC TUNNELING SPECTROSCOPY OF SINGLE SURFACE ADSORBED MOLECULES. , 2007, , 323-348.		0
171	Photonic BICs in Si structures with Ge self-assembled quantum dots. , 2021, , .		0