

Jaime Gomez-Rivas

List of Publications by Year in descending order

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185
papers

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citations

31902

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187
all docs

187
docs citations

187
times ranked

8944
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Light Scattering in Nanowire Materials for Photovoltaic Applications. Nano Letters, 2008, 8, 2638-2642.	4.5	506
2	Strong Enhancement of the Radiative Decay Rate of Emitters by Single Plasmonic Nanoantennas. Nano Letters, 2007, 7, 2871-2875.	4.5	481
3	Shaping the Fluorescent Emission by Lattice Resonances in Plasmonic Crystals of Nanoantennas. Physical Review Letters, 2009, 102, 146807.	2.9	336
4	Plasmonics for solid-state lighting: enhanced excitation and directional emission of highly efficient light sources. Light: Science and Applications, 2013, 2, e66-e66.	7.7	335
5	The rich photonic world of plasmonic nanoparticle arrays. Materials Today, 2018, 21, 303-314.	8.3	326
6	Universal Scaling of the Figure of Merit of Plasmonic Sensors. ACS Nano, 2011, 5, 5151-5157.	7.3	309
7	Broadband and Omnidirectional Antireflection Coatings Based on Semiconductor Nanorods. Advanced Materials, 2009, 21, 973-978.	11.1	243
8	Enhanced transmission of THz radiation through subwavelength holes. Physical Review B, 2003, 68, .	1.1	221
9	Surface modes in plasmonic crystals induced by diffractive coupling of nanoantennas. Physical Review B, 2009, 80, .	1.1	212
10	Plasmon-exciton-polariton lasing. Optica, 2017, 4, 31.	4.8	198
11	Coherent and Broadband Enhanced Optical Absorption in Graphene. ACS Nano, 2013, 7, 4810-4817.	7.3	190
12	Lighting Up Multipolar Surface Plasmon Polaritons by Collective Resonances in Arrays of Nanoantennas. Physical Review Letters, 2010, 105, 266801.	2.9	173
13	Measurement of the dielectric constant and loss tangent of high dielectric-constant materials at terahertz frequencies. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 1062-1066.	2.9	171
14	Transmission of THz radiation through InSb gratings of subwavelength apertures. Optics Express, 2005, 13, 847.	1.7	169
15	Strong Geometrical Dependence of the Absorption of Light in Arrays of Semiconductor Nanowires. ACS Nano, 2011, 5, 2316-2323.	7.3	169
16	Metallic nanostructures for efficient LED lighting. Light: Science and Applications, 2016, 5, e16080-e16080.	7.7	161
17	Time-domain measurements of surface plasmon polaritons in the terahertz frequency range. Physical Review B, 2004, 69, .	1.1	153
18	High-Efficiency Nanowire Solar Cells with Omnidirectionally Enhanced Absorption Due to Self-Aligned Indiumâ€“Tinâ€“Oxide Mie Scatterers. ACS Nano, 2016, 10, 11414-11419.	7.3	150

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19	Large Photonic Strength of Highly Tunable Resonant Nanowire Materials. Nano Letters, 2009, 9, 930-934.	4.5	149
20	Optical scattering resonances of single and coupled dimer plasmonic nanoantennas. Optics Express, 2007, 15, 17736.	1.7	146
21	Propagation of Surface Plasmon Polaritons on Semiconductor Gratings. Physical Review Letters, 2004, 93, 256804.	2.9	141
22	Spectral and temporal evidence of robust photonic bound states in the continuum on terahertz metasurfaces. Optica, 2019, 6, 996.	4.8	133
23	Optical Control over Surface-Plasmon-Polariton-Assisted THz Transmission through a Slit Aperture. Physical Review Letters, 2008, 100, 123901.	2.9	125
24	Nanoscale Free-Carrier Profiling of Individual Semiconductor Nanowires by Infrared Near-Field Nanoscopy. Nano Letters, 2010, 10, 1387-1392.	4.5	122
25	Nanowire Antenna Emission. Nano Letters, 2012, 12, 5481-5486.	4.5	122
26	Collective resonances in plasmonic crystals: Size matters. Physica B: Condensed Matter, 2012, 407, 4081-4085.	1.3	119
27	Scattering efficiency and near field enhancement of active semiconductor plasmonic antennas at terahertz frequencies. Optics Express, 2010, 18, 2797.	1.7	116
28	Low-frequency active surface plasmon optics on semiconductors. Applied Physics Letters, 2006, 88, 082106.	1.5	112
29	Coupling Bright and Dark Plasmonic Lattice Resonances. Physical Review X, 2011, 1, .	2.8	106
30	Thermalization and Cooling of Plasmon-Exciton Polaritons: Towards Quantum Condensation. Physical Review Letters, 2013, 111, 166802.	2.9	104
31	Hybrid plasmonic-photonic modes in diffractive arrays of nanoparticles coupled to light-emitting optical waveguides. Optics Express, 2013, 21, 4250.	1.7	90
32	Surface lattice resonances strongly coupled to Rhodamine 6G excitons: tuning the plasmon-exciton-polariton mass and composition. Optics Express, 2013, 21, 27411.	1.7	89
33	Tailor-made directional emission in nanoimprinted plasmonic-based light-emitting devices. Nanoscale, 2014, 6, 9223-9229.	2.8	87
34	Lattice resonances in dielectric metasurfaces. Journal of Applied Physics, 2019, 125, .	1.1	87
35	Quantum rod emission coupled to plasmonic lattice resonances: A collective directional source of polarized light. Applied Physics Letters, 2012, 100, 111103.	1.5	86
36	All-optical switching of the transmission of electromagnetic radiation through subwavelength apertures. Optics Letters, 2005, 30, 2357.	1.7	84

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37	Time-resolved pulse propagation in a strongly scattering material. <i>Physical Review E</i> , 2003, 68, 016604.	0.8	80
38	Ultrafast optical switching of the THz transmission through metallic subwavelength hole arrays. <i>Physical Review B</i> , 2007, 75, .	1.1	80
39	Light-Emitting Waveguide-Plasmon Polaritons. <i>Physical Review Letters</i> , 2012, 109, 166803.	2.9	77
40	Enhanced and directional emission of semiconductor nanowires tailored through leaky/guided modes. <i>Nanoscale</i> , 2013, 5, 10582.	2.8	76
41	Limits to Strong Coupling of Excitons in Multilayer WS_2 with Collective Plasmonic Resonances. <i>ACS Photonics</i> , 2019, 6, 286-293.	3.2	76
42	Active Control of the Strong Coupling Regime between Porphyrin Excitons and Surface Plasmon Polaritons. <i>ACS Nano</i> , 2011, 5, 6226-6232.	7.3	75
43	Broadband and omnidirectional anti-reflection layer for III/V multi-junction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2012, 101, 308-314.	3.0	75
44	Directional and Polarized Emission from Nanowire Arrays. <i>Nano Letters</i> , 2015, 15, 4557-4563.	4.5	74
45	Thermal switching of the scattering coefficients of terahertz surface plasmon polaritons impinging on a finite array of subwavelength grooves on semiconductor surfaces. <i>Physical Review B</i> , 2006, 73, .	1.1	70
46	Ultrafast active control of localized surface plasmon resonances in silicon bowtie antennas. <i>Optics Express</i> , 2010, 18, 23226.	1.7	70
47	Enhanced Quality Factors of Surface Lattice Resonances in Plasmonic Arrays of Nanoparticles. <i>Advanced Optical Materials</i> , 2019, 7, 1801451.	3.6	67
48	Giant optical birefringence in ensembles of semiconductor nanowires. <i>Applied Physics Letters</i> , 2006, 89, 233117.	1.5	66
49	Temperature dependence of the permittivity and loss tangent of high-permittivity materials at terahertz frequencies. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005, 53, 1266-1271.	2.9	59
50	Surface plasmon mediated transmission of subwavelength slits at THz frequencies. <i>Physical Review B</i> , 2008, 77, .	1.1	59
51	Anisotropic Diffusion of Light in a Strongly Scattering Material. <i>Physical Review Letters</i> , 2002, 89, 243901.	2.9	57
52	Epitaxial Growth of Aligned Semiconductor Nanowire Metamaterials for Photonic Applications. <i>Advanced Functional Materials</i> , 2008, 18, 1039-1046.	7.8	56
53	Enhanced Light Emission by Magnetic and Electric Resonances in Dielectric Metasurfaces. <i>Advanced Optical Materials</i> , 2020, 8, 1902024.	3.6	56
54	Modified emission of extended light emitting layers by selective coupling to collective lattice resonances. <i>Physical Review B</i> , 2016, 94, .	1.1	55

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55	Selective detection of bacterial layers with terahertz plasmonic antennas. <i>Biomedical Optics Express</i> , 2012, 3, 2937.	1.5	51
56	Coherent Control of the Optical Absorption in a Plasmonic Lattice Coupled to a Luminescent Layer. <i>Physical Review Letters</i> , 2016, 116, 103002.	2.9	51
57	Optical transmission through strong scattering and highly polydisperse media. <i>Europhysics Letters</i> , 1999, 48, 22-28.	0.7	50
58	Localization or classical diffusion of light?. <i>Nature</i> , 1999, 398, 207-207.	13.7	49
59	Porous GaP Multilayers Formed by Electrochemical Etching. <i>Electrochemical and Solid-State Letters</i> , 2002, 5, C32.	2.2	49
60	Photo-generated THz antennas. <i>Scientific Reports</i> , 2014, 4, 3584.	1.6	49
61	Tailoring Dispersion and Eigenfield Profiles of Plasmonic Surface Lattice Resonances. <i>ACS Photonics</i> , 2014, 1, 61-68.	3.2	48
62	Thermal switching of the enhanced transmission of terahertz radiation through subwavelength apertures. <i>Optics Letters</i> , 2004, 29, 1680.	1.7	47
63	Active Liquid Crystal Tuning of Metallic Nanoantenna Enhanced Light Emission from Colloidal Quantum Dots. <i>Nano Letters</i> , 2014, 14, 5555-5560.	4.5	47
64	Optically switchable mirrors for surface plasmon polaritons propagating on semiconductor surfaces. <i>Physical Review B</i> , 2006, 74, .	1.1	46
65	Breaking the Symmetry of Forward-Backward Light Emission with Localized and Collective Magnetoelectric Resonances in Arrays of Pyramid-Shaped Aluminum Nanoparticles. <i>Physical Review Letters</i> , 2014, 113, 247401.	2.9	44
66	Optimization of enhanced terahertz transmission through arrays of subwavelength apertures. <i>Physical Review B</i> , 2004, 69, .	1.1	43
67	The art of confinement. <i>Nature Photonics</i> , 2008, 2, 137-138.	15.6	43
68	Electrodynamic calculations of spontaneous emission coupled to metal nanostructures of arbitrary shape: nanoantenna-enhanced fluorescence. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 1569.	0.9	42
69	Nanowire Antenna Absorption Probed with Time-Reversed Fourier Microscopy. <i>Nano Letters</i> , 2014, 14, 3227-3234.	4.5	42
70	Exciton-Polaritons with Magnetic and Electric Character in All-Dielectric Metasurfaces. <i>ACS Photonics</i> , 2020, 7, 1226-1234.	3.2	42
71	Detection of deep-subwavelength dielectric layers at terahertz frequencies using semiconductor plasmonic resonators. <i>Optics Express</i> , 2012, 20, 5052.	1.7	41
72	Bound States in the Continuum in the Visible Emerging from out-of-Plane Magnetic Dipoles. <i>ACS Photonics</i> , 2020, 7, 2204-2210.	3.2	40

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73	Surface plasmon polariton-mediated enhancement of the emission of dye molecules on metallic gratings. <i>New Journal of Physics</i> , 2008, 10, 105007.	1.2	39
74	Hybrid Semiconductor Nanowireâ€“Metallic Yagi-Uda Antennas. <i>Nano Letters</i> , 2015, 15, 4889-4895.	4.5	39
75	Long-range surface polaritons in ultra-thin films of silicon. <i>Optics Express</i> , 2008, 16, 19674.	1.7	38
76	Tunable photonic strength in porous GaP. <i>Applied Physics Letters</i> , 2002, 80, 4498-4500.	1.5	37
77	Active terahertz beam steering by photo-generated graded index gratings in thin semiconductor films. <i>Optics Express</i> , 2014, 22, 26559.	1.7	37
78	Transmission of light through periodic arrays of square holes: From a metallic wire mesh to an array of tiny holes. <i>Physical Review B</i> , 2007, 76, .	1.1	36
79	Diffraction Enhanced Transparency and Slow THz Light in Periodic Arrays of Detuned and Displaced Dipoles. <i>ACS Photonics</i> , 2016, 3, 1596-1603.	3.2	36
80	Interaction and Coherence of a Plasmonâ€“Exciton Polariton Condensate. <i>ACS Photonics</i> , 2018, 5, 3666-3672.	3.2	35
81	FrÃ¼hlich interaction dominated by a single phonon mode in CsPbBr ₃ . <i>Nature Communications</i> , 2021, 12, 5844.	5.8	34
82	Orientationâ€“Dependent Opticalâ€“Polarization Properties of Single Quantum Dots in Nanowires. <i>Small</i> , 2009, 5, 2134-2138.	5.2	33
83	Enhanced Delayed Fluorescence in Tetracene Crystals by Strong Lightâ€“Matter Coupling. <i>Advanced Functional Materials</i> , 2019, 29, 1901317.	7.8	33
84	Full vectorial mapping of the complex electric near-fields of THz resonators. <i>APL Photonics</i> , 2016, 1, .	3.0	31
85	Nonlinear Emission of Molecular Ensembles Strongly Coupled to Plasmonic Lattices with Structural Imperfections. <i>Physical Review Letters</i> , 2018, 121, 243904.	2.9	31
86	Enhanced absorption and emission of Y ₃ Al ₅ O ₁₂ :Ce ³⁺ thin layers prepared by epoxide-catalyzed sol-gel method. <i>Optical Materials Express</i> , 2012, 2, 1111.	1.6	30
87	Super-resolution Mapping of Enhanced Emission by Collective Plasmonic Resonances. <i>ACS Nano</i> , 2019, 13, 4514-4521.	7.3	30
88	Strong lightâ€“matter coupling and exciton-polariton condensation in lattices of plasmonic nanoparticles [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, E88.	0.9	28
89	Experimental determination of the effective refractive index in strongly scattering media. <i>Optics Communications</i> , 2003, 220, 17-21.	1.0	27
90	Control of the external photoluminescent quantum yield of emitters coupled to nanoantenna phased arrays. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	27

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91	From weak to strong coupling of localized surface plasmons to guided modes in a luminescent slab. <i>Physical Review B</i> , 2014, 90, .	1.1	26
92	Unveiling the Symmetry Protection of Bound States in the Continuum with Terahertz Near-Field Imaging. <i>ACS Photonics</i> , 2021, 8, 3010-3016.	3.2	26
93	Analysis of the propagation of terahertz surface plasmon polaritons on semiconductor groove gratings. <i>Journal of Applied Physics</i> , 2007, 101, 023707.	1.1	25
94	Plasmonic Nanoantenna Arrays as Efficient Etendue Reducers for Optical Detection. <i>ACS Photonics</i> , 2018, 5, 2478-2485.	3.2	25
95	Preserving the Emission Lifetime and Efficiency of a Monolayer Semiconductor upon Transfer. <i>Advanced Optical Materials</i> , 2019, 7, 1900351.	3.6	24
96	Controlling the Directional Emission of Light by Periodic Arrays of Heterostructured Semiconductor Nanowires. <i>ACS Nano</i> , 2011, 5, 5830-5837.	7.3	23
97	Collective Mie Exciton-Polaritons in an Atomically Thin Semiconductor. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19196-19203.	1.5	23
98	Light-Matter Coupling Strength Controlled by the Orientation of Organic Crystals in Plasmonic Cavities. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12030-12038.	1.5	23
99	Effective Negative Diffusion of Singlet Excitons in Organic Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1360-1366.	2.1	22
100	Optics with single nanowires. <i>Comptes Rendus Physique</i> , 2008, 9, 804-815.	0.3	21
101	Directional absorption by phased arrays of plasmonic nanoantennae probed with time-reversed Fourier microscopy. <i>New Journal of Physics</i> , 2014, 16, 013040.	1.2	21
102	Enhancing the gas sensitivity of surface plasmon resonance with a nanoporous silica matrix. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 181-188.	4.0	20
103	Mapping the directional emission of quasi-two-dimensional photonic crystals of semiconductor nanowires using Fourier microscopy. <i>Physical Review B</i> , 2012, 86, .	1.1	20
104	Enhanced terahertz extinction of single plasmonic antennas with conically tapered waveguides. <i>New Journal of Physics</i> , 2013, 15, 015006.	1.2	20
105	Dispersion Anisotropy of Plasmon-Exciton-Polaritons in Lattices of Metallic Nanoparticles. <i>ACS Photonics</i> , 2018, 5, 233-239.	3.2	20
106	Active loaded plasmonic antennas at terahertz frequencies: Optical control of their capacitive-inductive coupling. <i>Physical Review B</i> , 2015, 91, .	1.1	19
107	Directional Emission from Leaky and Guided Modes in GaAs Nanowires Measured by Cathodoluminescence. <i>ACS Photonics</i> , 2016, 3, 677-684.	3.2	18
108	Luminescent Metamaterials for Solid State Lighting. <i>ECS Journal of Solid State Science and Technology</i> , 2016, 5, R3164-R3169.	0.9	18

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109	Terahertz diffraction enhanced transparency probed in the near field. <i>Physical Review B</i> , 2017, 96, .	1.1	18
110	Controlling Exciton Propagation in Organic Crystals through Strong Coupling to Plasmonic Nanoparticle Arrays. <i>ACS Photonics</i> , 2022, 9, 2263-2272.	3.2	18
111	Time-resolved terahertz time-domain near-field microscopy. <i>Optics Express</i> , 2018, 26, 32118.	1.7	17
112	Large near-to-far field spectral shifts for terahertz resonances. <i>Physical Review B</i> , 2016, 93, .	1.1	16
113	Polarization-dependent light extinction in ensembles of polydisperse vertical semiconductor nanowires: A Mie scattering effective medium. <i>Physical Review B</i> , 2012, 86, .	1.1	15
114	Highly Ordered 2D Assemblies of Phase-Segregated Block Molecules for Upconverted Linearly Polarized Emission. <i>Advanced Materials</i> , 2020, 32, e2004775.	11.1	14
115	Time-resolved broadband analysis of slow-light propagation and superluminal transmission of electromagnetic waves in three-dimensional photonic crystals. <i>Physical Review B</i> , 2005, 71, .	1.1	13
116	Near-field resonance at far-field-induced transparency in diffractive arrays of plasmonic nanorods. <i>Optics Letters</i> , 2013, 38, 1238.	1.7	13
117	Long range surface polaritons supported by lossy thin films. <i>Applied Physics Letters</i> , 2010, 96, 113108.	1.5	12
118	Excitation of confined modes on particle arrays. <i>Optics Express</i> , 2013, 21, 5636.	1.7	12
119	Ultrafast Dynamics of Nonequilibrium Organic Exciton-Polariton Condensates. <i>Nano Letters</i> , 2019, 19, 8590-8596.	4.5	12
120	Coherent absorption and enhanced photoluminescence in thin layers of nanorods. <i>Physical Review B</i> , 2012, 85, .	1.1	11
121	Terahertz Time-Domain Spectroscopy and Near-Field Microscopy of Transparent Silver Nanowire Networks. <i>Advanced Optical Materials</i> , 2020, 8, 1900790.	3.6	11
122	Propagation of Light in Disordered Semiconductor Materials. , 2001, , 447-473.		11
123	High-Q collective Mie resonances in monocrystalline silicon nanoantenna arrays for the visible light. <i>Fundamental Research</i> , 2023, 3, 822-830.	1.6	11
124	Midinfrared scattering and absorption in Ge powder close to the Anderson localization transition. <i>Physical Review E</i> , 2000, 62, R4540-R4543.	0.8	10
125	Broadband optical response of graphene measured by terahertz time-domain spectroscopy and FTIR spectroscopy. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	10
126	Correlated Exciton Fluctuations in a Two-Dimensional Semiconductor on a Metal. <i>Nano Letters</i> , 2020, 20, 4829-4836.	4.5	10

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127	Local and anisotropic excitation of surface plasmon polaritons by semiconductor nanowires. <i>Optics Express</i> , 2008, 16, 5013.	1.7	9
128	Optical control over transmission of terahertz radiation through arrays of subwavelength holes of varying size. <i>Physical Review B</i> , 2009, 80, .	1.1	9
129	Directional sideward emission from luminescent plasmonic nanostructures. <i>Optics Express</i> , 2016, 24, A388.	1.7	9
130	Visualizing near-field coupling in terahertz dolmens. <i>Applied Physics Letters</i> , 2017, 110, 101105.	1.5	9
131	Nanowire Solar Cell Above the Radiative Limit. <i>Advanced Optical Materials</i> , 2021, 9, 2001636.	3.6	9
132	Electric tuning and switching of the resonant response of nanoparticle arrays with liquid crystals. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	9
133	Modification of the photoluminescence anisotropy of semiconductor nanowires by coupling to surface plasmon polaritons. <i>Optics Letters</i> , 2007, 32, 2097.	1.7	8
134	Modified reflection in birefringent layers of core-shell semiconductor nanowires. <i>Semiconductor Science and Technology</i> , 2010, 25, 024008.	1.0	8
135	Strong diameter-dependence of nanowire emission coupled to waveguide modes. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	8
136	Strong coupling between weakly guided semiconductor nanowire modes and an organic dye. <i>Physical Review B</i> , 2019, 99, .	1.1	8
137	Enhanced light extraction from emitters close to clusters of resonant plasmonic nanoantennas. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 149, 216-219.	1.7	7
138	Azimuthally polarized cathodoluminescence from InP nanowires. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	7
139	Diffraction enhanced transparency in a hybrid gold-graphene THz metasurface. <i>APL Photonics</i> , 2019, 4, 036104.	3.0	7
140	Evolutionary optimization of light-matter coupling in open plasmonic cavities. <i>Journal of Chemical Physics</i> , 2021, 154, 134110.	1.2	7
141	Chasing Vibro-Polariton Fingerprints in Infrared and Raman Spectra Using Surface Lattice Resonances on Extended Metasurfaces. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7143-7151.	1.5	7
142	Long-range guided THz radiation by thin layers of water. <i>Optics Express</i> , 2012, 20, 27781.	1.7	6
143	Semiconductor plasmonic crystals: active control of THz extinction. <i>Semiconductor Science and Technology</i> , 2013, 28, 124003.	1.0	6
144	Photo-generated THz plasmonic waveguides. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 094011.	1.0	5

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145	Optical Anisotropy of Semiconductor Nanowires. , 2008, , 127-145.		5
146	Long-range surface plasmon polaritons at THz frequencies in thin semiconductor layers (Invited) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.3	4
147	Surface wave sensors based on nanometric layers of strongly absorbing materials. Optics Express, 2012, 20, 9431.	1.7	4
148	THz spectroscopy of semiconducting plasmonic resonators. , 2013, , .		4
149	Photoimprinted Controllable Fano Resonance in the Terahertz Regime. ACS Photonics, 2017, 4, 1785-1789.	3.2	4
150	Broadband and Omnidirectional Anti-reflection Coating for III/V Multi-junction Solar Cells. Springer Series in Materials Science, 2014, , 571-595.	0.4	4
151	THz plasmonic antennas: From metals to semiconductors. , 2010, , .		3
152	Modulated light absorption and emission of a luminescent layer by phase-controlled multiple beam illumination. Optics Express, 2015, 23, 18166.	1.7	3
153	Spatial coherence from Nd ³⁺ quantum emitters mediated by a plasmonic chain. Optics Express, 2021, 29, 26244.	1.7	3
154	Broadband photoacoustic spectroscopy using a free-electron laser. Review of Scientific Instruments, 2004, 75, 281-283.	0.6	2
155	Modified light emission from emitters coupled to long-range guided modes in strongly absorbing layers. Optics Express, 2012, 20, 27554.	1.7	2
156	Strong Light-Matter Coupling: Enhanced Delayed Fluorescence in Tetracene Crystals by Strong Light-Matter Coupling (Adv. Funct. Mater. 36/2019). Advanced Functional Materials, 2019, 29, 1970249.	7.8	2
157	Terahertz plasmonics with semiconductor surfaces and antennas. , 2009, , .		1
158	Mimicking moth's eyes for photovoltaic applications with tapered GaP nanorods. , 2010, , .		1
159	Strong modification of the reflection from birefringent layers of semiconductor nanowires by nanoshells. Applied Physics Letters, 2011, 99, 201108.	1.5	1
160	Semiconductor plasmonic crystals: Active control of THz extinction. , 2013, , .		1
161	Semiconductor nanowire photoluminescence: spatial/polarization averaged coupling into leaky modes. , 2013, , .		1
162	Plasmonic LED device. , 2014, , .		1

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163	Enhanced THz extinction in arrays of resonant semiconductor particles. Optics Express, 2015, 23, 24440.	1.7	1
164	Confining light to the atomic scale. Nature Nanotechnology, 2018, 13, 442-443.	15.6	1
165	Coherent control of the optical absorption in a plasmonic lattice coupled to a luminescent layer. , 2016, , .		1
166	Exciton Diffusion and Annihilation in Nanophotonic Purcell Landscapes. Advanced Optical Materials, 2022, 10, .	3.6	1
167	Inside Front Cover: Epitaxial Growth of Aligned Semiconductor Nanowire Metamaterials for Photonic Applications (Adv. Funct. Mater. 7/2008). Advanced Functional Materials, 2008, 18, 970-970.	7.8	0
168	Active THz plasmonic waveguides and circuits. , 2013, , .		0
169	THz near-field microscopy of semiconductor and metal bowtie antennas. , 2014, , .		0
170	Photo-generation of resonant structures at THz frequencies. , 2014, , .		0
171	Vectorial mapping of resonant THz near-fields. , 2016, , .		0
172	The nanowire optical antenna: Controlled directional emission and absorption of light by semiconductor nanowires. , 2016, , .		0
173	Diffraction enhanced transparency (DET) using frequency detuned and displaced resonant rods. , 2017, , .		0
174	Near-field microscopy of electromagnetically induced transparency in Terahertz dolmens. , 2017, , .		0
175	Diffraction enhanced transparency (DET) using frequency detuned and displaced resonant rods. , 2017, , .		0
176	Plasmon exciton-polariton lasing. , 2017, , .		0
177	THz Resonances with Infinite Lifetime in Array of Gold Resonators. , 2019, , .		0
178	Non-invasive local (photo)conductivity measurements of metallic and semiconductor nanowires in the near-field. , 2019, , .		0
179	Bound States in the Continuum Excited and Detected in the Near-Field. , 2021, , .		0
180	Bio-inspired Broadband and Omni-directional Antireflective Surface based on Semiconductor Nanorods. , 2010, , .		0

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181	Coupling and cm propagation of long-range guided THz radiation in thin layers of water. , 2013, , .		0
182	Photo-generated THz resonances and surfaces waves. , 2016, , .		0
183	Direct Observation of THz Bound States in the Continuum. , 2020, , .		0
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