

# Luis Martin-Moreno

## List of Publications by Year in descending order

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254  
papers

26,012  
citations

10389

72  
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6300

158  
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258  
all docs

258  
docs citations

258  
times ranked

13160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mimicking Surface Plasmons with Structured Surfaces. <i>Science</i> , 2004, 305, 847-848.	12.6	2,754
2	Beaming Light from a Subwavelength Aperture. <i>Science</i> , 2002, 297, 820-822.	12.6	1,703
3	Theory of Extraordinary Optical Transmission through Subwavelength Hole Arrays. <i>Physical Review Letters</i> , 2001, 86, 1114-1117.	7.8	1,559
4	Light passing through subwavelength apertures. <i>Reviews of Modern Physics</i> , 2010, 82, 729-787.	45.6	1,104
5	Polaritons in layered two-dimensional materials. <i>Nature Materials</i> , 2017, 16, 182-194.	27.5	963
6	Surfaces with holes in them: new plasmonic metamaterials. <i>Journal of Optics</i> , 2005, 7, S97-S101.	1.5	920
7	Terahertz Surface Plasmon-Polariton Propagation and Focusing on Periodically Corrugated Metal Wires. <i>Physical Review Letters</i> , 2006, 97, 176805.	7.8	682
8	Highly confined guiding of terahertz surface plasmon polaritons on structured metal surfaces. <i>Nature Photonics</i> , 2008, 2, 175-179.	31.4	553
9	A holey-structured metamaterial for acoustic deep-subwavelength imaging. <i>Nature Physics</i> , 2011, 7, 52-55.	16.7	533
10	Theory of Highly Directional Emission from a Single Subwavelength Aperture Surrounded by Surface Corrugations. <i>Physical Review Letters</i> , 2003, 90, 167401.	7.8	526
11	Efficient unidirectional nanoslit couplers for surface plasmons. <i>Nature Physics</i> , 2007, 3, 324-328.	16.7	461
12	Edge and waveguide terahertz surface plasmon modes in graphene microribbons. <i>Physical Review B</i> , 2011, 84, .	3.2	451
13	Multiple Paths to Enhance Optical Transmission through a Single Subwavelength Slit. <i>Physical Review Letters</i> , 2003, 90, 213901.	7.8	448
14	Entanglement of Two Qubits Mediated by One-Dimensional Plasmonic Waveguides. <i>Physical Review Letters</i> , 2011, 106, 020501.	7.8	443
15	Evanescantly coupled resonance in surface plasmon enhanced transmission. <i>Optics Communications</i> , 2001, 200, 1-7.	2.1	413
16	Surface plasmon enhanced absorption and suppressed transmission in periodic arrays of graphene ribbons. <i>Physical Review B</i> , 2012, 85, .	3.2	373
17	Transmission of Light through a Single Rectangular Hole. <i>Physical Review Letters</i> , 2005, 95, 103901.	7.8	363
18	Transmission and focusing of light in one-dimensional periodically nanostructured metals. <i>Physical Review B</i> , 2002, 66, .	3.2	341

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19	Guiding and Focusing of Electromagnetic Fields with Wedge Plasmon Polaritons. Physical Review Letters, 2008, 100, 023901.	7.8	305
20	Localized Spoof Plasmons Arise while Texturing Closed Surfaces. Physical Review Letters, 2012, 108, 223905.	7.8	280
21	Collimation of sound assisted by acoustic surface waves. Nature Physics, 2007, 3, 851-852.	16.7	249
22	Domino plasmons for subwavelength terahertz circuitry. Optics Express, 2010, 18, 754.	3.4	244
23	Theory of Resonant Acoustic Transmission through Subwavelength Apertures. Physical Review Letters, 2008, 101, 014301.	7.8	224
24	Focusing light with a single subwavelength aperture flanked by surface corrugations. Applied Physics Letters, 2003, 83, 4500-4502.	3.3	220
25	Resonance Energy Transfer and Superradiance Mediated by Plasmonic Nanowaveguides. Nano Letters, 2010, 10, 3129-3134.	9.1	201
26	Transformation Optics for Plasmonics. Nano Letters, 2010, 10, 1985-1990.	9.1	200
27	Channel plasmon-polaritons: modal shape, dispersion, and losses. Optics Letters, 2006, 31, 3447.	3.3	190
28	Coherent and Broadband Enhanced Optical Absorption in Graphene. ACS Nano, 2013, 7, 4810-4817.	14.6	190
29	Enhanced transmission and beaming of light via photonic crystal surface modes. Physical Review B, 2004, 69, .	3.2	189
30	Fields radiated by a nanoemitter in a graphene sheet. Physical Review B, 2011, 84, .	3.2	188
31	Enhanced millimeter-wave transmission through subwavelength hole arrays. Optics Letters, 2004, 29, 2500.	3.3	175
32	Influence of material properties on extraordinary optical transmission through hole arrays. Physical Review B, 2008, 77, .	3.2	168
33	Theory of Negative-Refractive-Index Response of Double-Fishnet Structures. Physical Review Letters, 2008, 101, 103902.	7.8	163
34	Theory of Strong Coupling between Quantum Emitters and Propagating Surface Plasmons. Physical Review Letters, 2013, 110, 126801.	7.8	151
35	Capacitance spectroscopy in quantum dots: Addition spectra and decrease of tunneling rates. Physical Review B, 1994, 50, 5760-5763.	3.2	147
36	Dissipation-driven generation of two-qubit entanglement mediated by plasmonic waveguides. Physical Review B, 2011, 84, .	3.2	146

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37	Resonant plasmonic effects in periodic graphene antidot arrays. Applied Physics Letters, 2012, 101, .	3.3	137
38	Nanofocusing with Channel Plasmon Polaritons. Nano Letters, 2009, 9, 1278-1282.	9.1	136
39	Transmission of light through a single rectangular hole in a real metal. Physical Review B, 2006, 74, .	3.2	132
40	Weak and strong coupling regimes in plasmonic QED. Physical Review B, 2013, 87, .	3.2	131
41	Transmission properties of a single metallic slit: From the subwavelength regime to the geometrical-optics limit. Physical Review E, 2004, 69, 026601.	2.1	129
42	Optical Control over Surface-Plasmon-Polariton-Assisted THz Transmission through a Slit Aperture. Physical Review Letters, 2008, 100, 123901.	7.8	125
43	Strong Plasmon Reflection at Nanometer-Size Gaps in Monolayer Graphene on SiC. Nano Letters, 2013, 13, 6210-6215.	9.1	121
44	Resonant Transmission of Light Through Finite Chains of Subwavelength Holes in a Metallic Film. Physical Review Letters, 2004, 93, 227401.	7.8	118
45	Graphene supports the propagation of subwavelength optical solitons. Laser and Photonics Reviews, 2013, 7, L7.	8.7	117
46	Terahertz wedge plasmon polaritons. Optics Letters, 2009, 34, 2063.	3.3	112
47	Faraday Rotation Due to Excitation of Magnetoplasmons in Graphene Microribbons. ACS Nano, 2013, 7, 9780-9787.	14.6	106
48	Scattering in the Ultrastrong Regime: Nonlinear Optics with One Photon. Physical Review Letters, 2014, 113, 263604.	7.8	106
49	Guiding terahertz waves along subwavelength channels. Physical Review B, 2009, 79, .	3.2	104
50	Optical transmission through circular hole arrays in optically thick metal films. Optics Express, 2004, 12, 3619.	3.4	103
51	Efficient unidirectional ridge excitation of surface plasmons. Optics Express, 2009, 17, 7228.	3.4	103
52	Scattering of Graphene Plasmons by Defects in the Graphene Sheet. ACS Nano, 2013, 7, 4988-4994.	14.6	99
53	Thermoelectric signature of the excitation spectrum of a quantum dot. Physical Review B, 1997, 55, R10197-R10200.	3.2	97
54	How light emerges from an illuminated array of subwavelength holes. Nature Physics, 2006, 2, 120-123.	16.7	97

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55	Anomalous reflection phase of graphene plasmons and its influence on resonators. <i>Physical Review B</i> , 2014, 90, .	3.2	97
56	Extraordinary optical transmission without plasmons: the s-polarization case. <i>Journal of Optics</i> , 2006, 8, S94-S97.	1.5	94
57	Electrically controlled terahertz magneto-optical phenomena in continuous and patterned graphene. <i>Nature Communications</i> , 2017, 8, 14626.	12.8	93
58	Efficiency of local surface plasmon polariton excitation on ridges. <i>Physical Review B</i> , 2008, 78, .	3.2	88
59	High-Contrast Infrared Absorption Spectroscopy via Mass-Produced Coaxial Zero-Mode Resonators with Sub-10 nm Gaps. <i>Nano Letters</i> , 2018, 18, 1930-1936.	9.1	88
60	Enhanced millimeter wave transmission through quasioptical subwavelength perforated plates. <i>IEEE Transactions on Antennas and Propagation</i> , 2005, 53, 1897-1903.	5.1	87
61	Optimization of bull's eye structures for transmission enhancement. <i>Optics Express</i> , 2010, 18, 11292.	3.4	86
62	Spoof Surface Plasmon Polariton Modes Propagating Along Periodically Corrugated Wires. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2008, 14, 1515-1521.	2.9	84
63	High-Throughput Fabrication of Resonant Metamaterials with Ultrasmall Coaxial Apertures via Atomic Layer Lithography. <i>Nano Letters</i> , 2016, 16, 2040-2046.	9.1	84
64	Scattering of surface plasmons by one-dimensional periodic nanoindented surfaces. <i>Physical Review B</i> , 2005, 72, .	3.2	83
65	Efficiency and finite size effects in enhanced transmission through subwavelength apertures. <i>Optics Express</i> , 2008, 16, 9571.	3.4	82
66	Theory of light transmission through an array of rectangular holes. <i>Physical Review B</i> , 2007, 76, .	3.2	81
67	Superradiance mediated by graphene surface plasmons. <i>Physical Review B</i> , 2012, 85, .	3.2	80
68	Heat production and energy balance in nanoscale engines driven by time-dependent fields. <i>Physical Review B</i> , 2007, 75, .	3.2	78
69	Ultrastrong plasmon-phonon coupling via epsilon-near-zero nanocavities. <i>Nature Photonics</i> , 2021, 15, 125-130.	31.4	78
70	Surface Electromagnetic Field Radiated by a Subwavelength Hole in a Metal Film. <i>Physical Review Letters</i> , 2010, 105, 073902.	7.8	77
71	Magnetic Localized Surface Plasmons. <i>Physical Review X</i> , 2014, 4, .	8.9	77
72	Extraordinary Optical Transmission: Fundamentals and Applications. <i>Proceedings of the IEEE</i> , 2016, 104, 2288-2306.	21.3	77

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73	Optical bistability in subwavelength slit apertures containing nonlinear media. <i>Physical Review B</i> , 2004, 70, .	3.2	76
74	Coupling efficiency of light to surface plasmon polariton for single subwavelength holes in a gold film. <i>Optics Express</i> , 2008, 16, 3420.	3.4	72
75	Non-linear conductance of a saddle-point constriction. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 1323-1333.	1.8	70
76	Self-Assembled Triply Periodic Minimal Surfaces as Molds for Photonic Band Gap Materials. <i>Physical Review Letters</i> , 1999, 83, 73-75.	7.8	68
77	Extraordinary transmission through metal-coated monolayers of microspheres. <i>Optics Express</i> , 2009, 17, 761.	3.4	68
78	Single-electron tunneling and Coulomb charging effects in asymmetric double-barrier resonant-tunneling diodes. <i>Physical Review B</i> , 1992, 45, 14407-14410.	3.2	67
79	Spectroscopy and nonlinear microscopy of Au nanoparticle arrays: Experiment and theory. <i>Physical Review B</i> , 2006, 73, .	3.2	67
80	Reversible dynamics of single quantum emitters near metal-dielectric interfaces. <i>Physical Review B</i> , 2014, 89, .	3.2	67
81	Enhanced acoustical transmission and beaming effect through a single aperture. <i>Physical Review B</i> , 2010, 81, .	3.2	66
82	Mechanisms for extraordinary optical transmission through bullâ€™s eye structures. <i>Optics Express</i> , 2011, 19, 10429.	3.4	66
83	Controlling Terahertz Radiation with Nanoscale Metal Barriers Embedded in Nano Slot Antennas. <i>ACS Nano</i> , 2011, 5, 8340-8345.	14.6	66
84	Unrelenting plasmons. <i>Nature Photonics</i> , 2017, 11, 8-10.	31.4	66
85	In the diffraction shadow: Norton waves versus surface plasmon polaritons in the optical region. <i>New Journal of Physics</i> , 2009, 11, 123020.	2.9	63
86	Waveguided spoof surface plasmons with deep-subwavelength lateral confinement. <i>Optics Letters</i> , 2011, 36, 4635.	3.3	62
87	Energy loss by charged particles in complex media. <i>Physical Review B</i> , 1994, 50, 5062-5073.	3.2	61
88	Extraordinary optical transmission through hole arrays in optically thin metal films. <i>Optics Letters</i> , 2009, 34, 4.	3.3	61
89	Spoof surface plasmon photonics. <i>Reviews of Modern Physics</i> , 2022, 94, .	45.6	60
90	Ballistic transport in one dimension: additional quantisation produced by an electric field. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 7247-7254.	1.8	59

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91	Theory on the scattering of light and surface plasmon polaritons by arrays of holes and dimples in a metal film. <i>New Journal of Physics</i> , 2008, 10, 105017.	2.9	59
92	Electronic structure, defect states, and optical absorption of amorphous $\text{Si}_{1-x}\text{N}_x$ [ $0 \leq x \leq 1$ ]. <i>Physical Review B</i> , 1987, 35, 9683-9692.	3.2	58
93	Launching of hyperbolic phonon-polaritons in h-BN slabs by resonant metal plasmonic antennas. <i>Nature Communications</i> , 2019, 10, 3242.	12.8	56
94	Dynamical signatures of bound states in waveguide QED. <i>Physical Review A</i> , 2017, 96, .	2.5	55
95	Terahertz surface plasmon polaritons on a helically grooved wire. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	54
96	Analytical solution for the diffraction of an electromagnetic wave by a graphene grating. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 114008.	2.2	54
97	Anisotropic Acoustic Plasmons in Black Phosphorus. <i>ACS Photonics</i> , 2018, 5, 2208-2216.	6.6	54
98	Theory of Extraordinary Transmission of Light through Quasiperiodic Arrays of Subwavelength Holes. <i>Physical Review Letters</i> , 2007, 99, 203905.	7.8	53
99	Scattering of surface plasmon polaritons by one-dimensional inhomogeneities. <i>Physical Review B</i> , 2007, 75, .	3.2	53
100	Plasmonic antenna coupling to hyperbolic phonon-polaritons for sensitive and fast mid-infrared photodetection with graphene. <i>Nature Communications</i> , 2020, 11, 4872.	12.8	53
101	Theory of Plasmon-Assisted Transmission of Entangled Photons. <i>Physical Review Letters</i> , 2004, 92, 236801.	7.8	52
102	Deeply subwavelength phonon-polaritonic crystal made of a van der Waals material. <i>Nature Communications</i> , 2019, 10, 42.	12.8	51
103	Skyrmions and edge-spin excitations in quantum Hall droplets. <i>Physical Review B</i> , 1996, 54, 16850-16859.	3.2	49
104	Resonant tunneling in an $\text{Al}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ quantum dot as a function of magnetic field. <i>Physical Review B</i> , 1992, 46, 3948-3952.	3.2	48
105	Surface plasmon polariton scattering by finite-size nanoparticles. <i>Physical Review B</i> , 2007, 76, .	3.2	48
106	Spectroscopy and nonlinear microscopy of gold nanoparticle arrays on gold films. <i>Physical Review B</i> , 2007, 75, .	3.2	48
107	Ultraefficient Coupling of a Quantum Emitter to the Tunable Guided Plasmons of a Carbon Nanotube. <i>Physical Review Letters</i> , 2015, 115, 173601.	7.8	47
108	Electromagnetic wave transmission through a small hole in a perfect electric conductor of finite thickness. <i>Physical Review B</i> , 2008, 78, .	3.2	46

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109	Low-Lying Excitations of Quantum Hall Droplets. <i>Physical Review Letters</i> , 1995, 74, 5120-5123.	7.8	45
110	Analytical Expressions for the Electromagnetic Dyadic Green's Function in Graphene and Thin Layers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013, 19, 4600611-4600611.	2.9	44
111	Acoustic Graphene Plasmon Nanoresonators for Field-Enhanced Infrared Molecular Spectroscopy. <i>ACS Photonics</i> , 2017, 4, 3089-3097.	6.6	43
112	Dual band terahertz waveguiding on a planar metal surface patterned with annular holes. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	40
113	Transformation plasmonics. <i>Nanophotonics</i> , 2012, 1, 51-64.	6.0	39
114	Resonant transmission of light through finite arrays of slits. <i>Physical Review B</i> , 2007, 76, .	3.2	38
115	Topological Phases of Polaritons in a Cavity Waveguide. <i>Physical Review Letters</i> , 2019, 123, 217401.	7.8	38
116	Holes with very acute angles: a new paradigm of extraordinary optical transmission through strongly localized modes. <i>Optics Express</i> , 2010, 18, 23691.	3.4	37
117	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, .	3.2	36
118	All-angle blockage of sound by an acoustic double-fishnet metamaterial. <i>Applied Physics Letters</i> , 2010, 97, 134106.	3.3	36
119	Confining and slowing airborne sound with a corrugated metawire. <i>Applied Physics Letters</i> , 2008, 93, 083502.	3.3	35
120	Stacking Structures of Few-Layer Graphene Revealed by Phase-Sensitive Infrared Nanoscopy. <i>ACS Nano</i> , 2015, 9, 6765-6773.	14.6	35
121	Effect of film thickness and dielectric environment on optical transmission through subwavelength holes. <i>Physical Review B</i> , 2012, 85, .	3.2	34
122	Diffraction Regimes of Single Holes. <i>Physical Review Letters</i> , 2012, 109, 023901.	7.8	33
123	Anomalous Band Formation in Arrays of Terahertz Nanoresonators. <i>Physical Review Letters</i> , 2011, 106, 013902.	7.8	32
124	Resonant Transmission of Cold Atoms through Subwavelength Apertures. <i>Physical Review Letters</i> , 2005, 95, 170406.	7.8	31
125	Subwavelength chiral surface plasmons that carry tuneable orbital angular momentum. <i>Physical Review B</i> , 2012, 86, .	3.2	31
126	Full two-photon down-conversion of a single photon. <i>Physical Review A</i> , 2016, 94, .	2.5	31



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127	Magnetotunnelling through Quantum Boxes in a Strong-Correlation Regime. Europhysics Letters, 1993, 23, 495-501.	2.0	30
128	Modulation of surface plasmon coupling-in by one-dimensional surface corrugation. New Journal of Physics, 2008, 10, 033035.	2.9	30
129	Observation of enhanced transmission for s-polarized light through a subwavelength slit. Optics Express, 2010, 18, 9722.	3.4	30
130	Substrate-Sensitive Mid-infrared Photoresponse in Graphene. ACS Nano, 2014, 8, 8350-8356.	14.6	30
131	Graphene Plasmon Reflection by Corrugations. ACS Photonics, 2017, 4, 3081-3088.	6.6	30
132	Holey metal films: From extraordinary transmission to negative-index behavior. Physical Review B, 2009, 80, .	3.2	29
133	Tunable plasmon-enhanced birefringence in ribbon array of anisotropic two-dimensional materials. Physical Review B, 2017, 95, .	3.2	29
134	Efficient coupling of light into and out of a photonic crystal waveguide via surface modes. Photonics and Nanostructures - Fundamentals and Applications, 2004, 2, 97-102.	2.0	28
135	Minimal model for optical transmission through holey metal films. Journal of Physics Condensed Matter, 2008, 20, 304214.	1.8	27
136	Magnetoplasmonic enhancement of Faraday rotation in patterned graphene metasurfaces. Physical Review B, 2018, 97, .	3.2	27
137	Causal-surface Green's function method. Surface Science, 1991, 244, 160-176.	1.9	26
138	Holey metal films make perfect endoscopes. Physical Review B, 2009, 79, .	3.2	26
139	Single Photons by Quenching the Vacuum. Physical Review Letters, 2019, 123, 013601.	7.8	26
140	Theory of absorption-induced transparency. Physical Review B, 2013, 88, .	3.2	25
141	Nonlinear quantum optics in the (ultra)strong light-matter coupling. Faraday Discussions, 2015, 178, 335-356.	3.2	25
142	Gain-assisted extraordinary optical transmission through periodic arrays of subwavelength apertures. New Journal of Physics, 2012, 14, 013020.	2.9	23
143	Thermopower of a one-dimensional ballistic constriction in the non-linear regime. Journal of Physics Condensed Matter, 1993, 5, 8055-8064.	1.8	22
144	Geometrically induced modification of surface plasmons in the optical and telecom regimes. Optics Letters, 2010, 35, 423.	3.3	22

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145	Moulding the flow of surface plasmons using conformal and quasiconformal mappings. <i>New Journal of Physics</i> , 2011, 13, 033011.	2.9	22
146	Vertical tunneling between two quantum dots in a transverse magnetic field. <i>Physical Review B</i> , 1994, 49, 8071-8075.	3.2	21
147	Canted ground state in artificial molecules at high magnetic fields. <i>Physical Review B</i> , 2000, 62, R10633-R10636.	3.2	21
148	Enhanced optical transmission, beaming and focusing through a subwavelength slit under excitation of dielectric waveguide modes. <i>Journal of Optics</i> , 2009, 11, 125702.	1.5	21
149	Plasmonic Dirac Cone in Twisted Bilayer Graphene. <i>Physical Review Letters</i> , 2020, 125, 256804.	7.8	21
150	Foundations of the composite diffracted evanescent wave model. <i>Nature Physics</i> , 2006, 2, 790-790.	16.7	20
151	The Effect of Completeness of Medical Records on the Determination of Appropriateness of Hospital Days. <i>International Journal for Quality in Health Care</i> , 1995, 7, 267-275.	1.8	19
152	Opening the light extraction cone of high index substrates with plasmonic gratings: Light emitting diode applications. <i>Applied Physics Letters</i> , 2009, 95, 021101.	3.3	19
153	Enhanced transmission from a single subwavelength slit aperture surrounded by grooves on a standard detector. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	18
154	Bragg reflection of terahertz waves in plasmonic crystals. <i>Optics Express</i> , 2009, 17, 9212.	3.4	18
155	Comparative study of surface plasmon scattering by shallow ridges and grooves. <i>Physical Review B</i> , 2011, 83, .	3.2	18
156	Magnetic localized surface plasmons. , 2014, , .		18
157	Chiral Current Circulation and PT Symmetry in a Trimer of Oscillators. <i>ACS Photonics</i> , 2020, 7, 3401-3414.	6.6	18
158	Resonant Transmission of Light Through Subwavelength Holes in Thick Metal Films. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2006, 12, 1221-1227.	2.9	17
159	Scattering of surface plasmon polaritons by impedance barriers: Dependence on angle of incidence. <i>Physical Review B</i> , 2008, 77, .	3.2	17
160	Optical switching in metal-slit arrays on nonlinear dielectric substrates. <i>Optics Letters</i> , 2010, 35, 4211.	3.3	17
161	Second-harmonic generation from metallic arrays of rectangular holes. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 15.	2.1	17
162	Plasmonic Split-Trench Resonator for Trapping and Sensing. <i>ACS Nano</i> , 2021, 15, 6669-6677.	14.6	17

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163	Phonon-Enhanced Mid-Infrared CO <sub>2</sub> Gas Sensing Using Boron Nitride Nanoresonators. ACS Photonics, 2022, 9, 34-42.	6.6	17
164	Possibility of finding reliable solid-state tight-binding parameters for the Si-N bond through quantum-chemistry calculations. Physical Review B, 1989, 39, 1844-1855.	3.2	16
165	Plasmonic metamaterials based on holey metallic films. Journal of Physics Condensed Matter, 2008, 20, 304215.	1.8	16
166	Waveguide and Plasmonic Absorption-Induced Transparency. ACS Nano, 2016, 10, 4570-4578.	14.6	16
167	Single-electron tunneling and Coulomb charging effects in ultrasmall double-barrier heterostructures. Solid-State Electronics, 1994, 37, 793-799.	1.4	15
168	Comparison of finite-difference time-domain simulations and experiments on the optical properties of gold nanoparticle arrays on gold film. Journal of Optics, 2007, 9, S366-S371.	1.5	15
169	Plasmonic candle: towards efficient nanofocusing with channel plasmon polaritons. New Journal of Physics, 2009, 11, 113043.	2.9	15
170	Effect of defect depth on surface plasmon scattering by subwavelength surface defects. Physical Review B, 2011, 83, .	3.2	15
171	Normal-incidence scattering of surface plasmon polaritons by one-dimensional nanoindentations: a multimodal description. Applied Physics A: Materials Science and Processing, 2007, 89, 251-258.	2.3	14
172	Dyakonov surface wave resonant transmission. Optics Express, 2011, 19, 6339.	3.4	14
173	Metallic slit arrays filled with third-order nonlinear media: Optical Kerr effect and third-harmonic generation. Physical Review B, 2011, 83, .	3.2	14
174	Interference of surface plasmon polaritons excited at hole pairs in thin gold films. Applied Physics Letters, 2012, 101, 201102.	3.3	14
175	Absorption-induced transparency metamaterials in the terahertz regime. Optics Letters, 2016, 41, 293.	3.3	14
176	Polariton Anomalous Hall Effect in Transition-Metal Dichalcogenides. Physical Review Letters, 2018, 121, 137402.	7.8	14
177	Optical transmission of periodic annular apertures in metal film on high-refractive index substrate: The role of the nanopillar shape. Applied Physics Letters, 2010, 96, .	3.3	13
178	Hyperspectral Nanoimaging of van der Waals Polaritonic Crystals. Nano Letters, 2021, 21, 7109-7115.	9.1	13
179	Polaritonic Tamm states induced by cavity photons. Nanophotonics, 2020, 10, 513-521.	6.0	13
180	Scattering coefficients of surface plasmon polaritons impinging at oblique incidence onto one-dimensional surface relief defects. Physical Review B, 2007, 75, .	3.2	12

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181	Intercoupling of free-space radiation to s-polarized confined modes via nanocavities. Applied Physics Letters, 2009, 94, 063119.	3.3	12
182	Ballistic transport in a one-dimensional system with an arbitrary longitudinal potential. Journal of Physics Condensed Matter, 1989, 1, 5421-5427.	1.8	11
183	Beaming matter waves from a subwavelength aperture. Physical Review A, 2006, 74, .	2.5	11
184	Detecting unseen light. Nature Physics, 2009, 5, 457-458.	16.7	11
185	Optimal light harvesting structures at optical and infrared frequencies. Optics Express, 2012, 20, 25441.	3.4	11
186	Electronic density of states on a randomly dilute Cayley tree. Journal of Physics C: Solid State Physics, 1986, 19, 6751-6760.	1.5	10
187	Spin-Isospin Textured Excitations in a Double Layer at Filling Factor $\nu=2$ . Physical Review Letters, 1999, 83, 2250-2253.	7.8	10
188	Micropillar Templates for Dielectric Filled Metal Arrays and Flexible Metamaterials. Advanced Optical Materials, 2017, 5, 1600670.	7.3	10
189	One- and two-photon scattering from generalized V-type atoms. Physical Review A, 2016, 94, .	2.5	9
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