

Luis Martin-Moreno

List of Publications by Citations

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238
papers

21,063
citations

66
h-index

142
g-index

258
ext. papers

24,119
ext. citations

6.3
avg, IF

6.87
L-index

#	Paper	IF	Citations
238	Mimicking surface plasmons with structured surfaces. <i>Science</i> , 2004 , 305, 847-8	33.3	2073
237	Beaming light from a subwavelength aperture. <i>Science</i> , 2002 , 297, 820-2	33.3	1394
236	Theory of extraordinary optical transmission through subwavelength hole arrays. <i>Physical Review Letters</i> , 2001 , 86, 1114-7	7.4	1299
235	Light passing through subwavelength apertures. <i>Reviews of Modern Physics</i> , 2010 , 82, 729-787	40.5	940
234	Surfaces with holes in them: new plasmonic metamaterials. <i>Journal of Optics</i> , 2005 , 7, S97-S101		730
233	Polaritons in layered two-dimensional materials. <i>Nature Materials</i> , 2017 , 16, 182-194	27	665
232	Terahertz surface plasmon-polariton propagation and focusing on periodically corrugated metal wires. <i>Physical Review Letters</i> , 2006 , 97, 176805	7.4	546
231	Highly confined guiding of terahertz surface plasmon polaritons on structured metal surfaces. <i>Nature Photonics</i> , 2008 , 2, 175-179	33.9	447
230	Theory of highly directional emission from a single subwavelength aperture surrounded by surface corrugations. <i>Physical Review Letters</i> , 2003 , 90, 167401	7.4	446
229	A holey-structured metamaterial for acoustic deep-subwavelength imaging. <i>Nature Physics</i> , 2011 , 7, 52-56	16.2	428
228	Edge and waveguide terahertz surface plasmon modes in graphene microribbons. <i>Physical Review B</i> , 2011 , 84,	3.3	398
227	Efficient unidirectional nanoslit couplers for surface plasmons. <i>Nature Physics</i> , 2007 , 3, 324-328	16.2	393
226	Multiple paths to enhance optical transmission through a single subwavelength slit. <i>Physical Review Letters</i> , 2003 , 90, 213901	7.4	387
225	Entanglement of two qubits mediated by one-dimensional plasmonic waveguides. <i>Physical Review Letters</i> , 2011 , 106, 020501	7.4	361
224	Evanesciently coupled resonance in surface plasmon enhanced transmission. <i>Optics Communications</i> , 2001 , 200, 1-7	2	357
223	Surface plasmon enhanced absorption and suppressed transmission in periodic arrays of graphene ribbons. <i>Physical Review B</i> , 2012 , 85,	3.3	338
222	Transmission of light through a single rectangular hole. <i>Physical Review Letters</i> , 2005 , 95, 103901	7.4	303

221	Transmission and focusing of light in one-dimensional periodically nanostructured metals. <i>Physical Review B</i> , 2002 , 66,	3.3	289
220	Guiding and focusing of electromagnetic fields with wedge plasmon polaritons. <i>Physical Review Letters</i> , 2008 , 100, 023901	7.4	268
219	Collimation of sound assisted by acoustic surface waves. <i>Nature Physics</i> , 2007 , 3, 851-852	16.2	220
218	Domino plasmons for subwavelength terahertz circuitry. <i>Optics Express</i> , 2010 , 18, 754-64	3.3	204
217	Localized spoof plasmons arise while texturing closed surfaces. <i>Physical Review Letters</i> , 2012 , 108, 223905	7.4	201
216	Theory of resonant acoustic transmission through subwavelength apertures. <i>Physical Review Letters</i> , 2008 , 101, 014301	7.4	183
215	Focusing light with a single subwavelength aperture flanked by surface corrugations. <i>Applied Physics Letters</i> , 2003 , 83, 4500-4502	3.4	179
214	Transformation optics for plasmonics. <i>Nano Letters</i> , 2010 , 10, 1985-90	11.5	169
213	Enhanced transmission and beaming of light via photonic crystal surface modes. <i>Physical Review B</i> , 2004 , 69,	3.3	169
212	Resonance energy transfer and superradiance mediated by plasmonic nanowaveguides. <i>Nano Letters</i> , 2010 , 10, 3129-34	11.5	165
211	Coherent and broadband enhanced optical absorption in graphene. <i>ACS Nano</i> , 2013 , 7, 4810-7	16.7	163
210	Fields radiated by a nanoemitter in a graphene sheet. <i>Physical Review B</i> , 2011 , 84,	3.3	163
209	Channel plasmon-polaritons: modal shape, dispersion, and losses. <i>Optics Letters</i> , 2006 , 31, 3447-9	3	146
208	Theory of negative-refractive-index response of double-fishnet structures. <i>Physical Review Letters</i> , 2008 , 101, 103902	7.4	145
207	Influence of material properties on extraordinary optical transmission through hole arrays. <i>Physical Review B</i> , 2008 , 77,	3.3	139
206	Capacitance spectroscopy in quantum dots: Addition spectra and decrease of tunneling rates. <i>Physical Review B</i> , 1994 , 50, 5760-5763	3.3	139
205	Enhanced millimeter-wave transmission through subwavelength hole arrays. <i>Optics Letters</i> , 2004 , 29, 2500-2	3	126
204	Theory of strong coupling between quantum emitters and propagating surface plasmons. <i>Physical Review Letters</i> , 2013 , 110, 126801	7.4	123

203	Nanofocusing with channel plasmon polaritons. <i>Nano Letters</i> , 2009 , 9, 1278-82	11.5	121
202	Resonant plasmonic effects in periodic graphene antidot arrays. <i>Applied Physics Letters</i> , 2012 , 101, 15111-14	3.4	120
201	Dissipation-driven generation of two-qubit entanglement mediated by plasmonic waveguides. <i>Physical Review B</i> , 2011 , 84,	3.3	113
200	Weak and strong coupling regimes in plasmonic QED. <i>Physical Review B</i> , 2013 , 87,	3.3	110
199	Transmission of light through a single rectangular hole in a real metal. <i>Physical Review B</i> , 2006 , 74,	3.3	108
198	Optical control over surface-plasmon-polariton-assisted THz transmission through a slit aperture. <i>Physical Review Letters</i> , 2008 , 100, 123901	7.4	105
197	Graphene supports the propagation of subwavelength optical solitons. <i>Laser and Photonics Reviews</i> , 2013 , 7, L7-L11	8.3	102
196	Transmission properties of a single metallic slit: from the subwavelength regime to the geometrical-optics limit. <i>Physical Review E</i> , 2004 , 69, 026601	2.4	102
195	Resonant transmission of light through finite chains of subwavelength holes in a metallic film. <i>Physical Review Letters</i> , 2004 , 93, 227401	7.4	100
194	Faraday rotation due to excitation of magnetoplasmons in graphene microribbons. <i>ACS Nano</i> , 2013 , 7, 9780-7	16.7	92
193	Terahertz wedge plasmon polaritons. <i>Optics Letters</i> , 2009 , 34, 2063-5	3	92
192	Thermoelectric signature of the excitation spectrum of a quantum dot. <i>Physical Review B</i> , 1997 , 55, R10197-R10200	3.3	92
191	Guiding terahertz waves along subwavelength channels. <i>Physical Review B</i> , 2009 , 79,	3.3	86
190	Strong plasmon reflection at nanometer-size gaps in monolayer graphene on SiC. <i>Nano Letters</i> , 2013 , 13, 6210-5	11.5	85
189	Efficient unidirectional ridge excitation of surface plasmons. <i>Optics Express</i> , 2009 , 17, 7228-32	3.3	85
188	Extraordinary optical transmission without plasmons: the s-polarization case. <i>Journal of Optics</i> , 2006 , 8, S94-S97		83
187	Anomalous reflection phase of graphene plasmons and its influence on resonators. <i>Physical Review B</i> , 2014 , 90,	3.3	82
186	Optical transmission through circular hole arrays in optically thick metal films. <i>Optics Express</i> , 2004 , 12, 3619-28	3.3	81

185	Scattering in the ultrastrong regime: nonlinear optics with one photon. <i>Physical Review Letters</i> , 2014 , 113, 263604	7.4	79
184	How light emerges from an illuminated array of subwavelength holes. <i>Nature Physics</i> , 2006 , 2, 120-123	16.2	77
183	Theory of light transmission through an array of rectangular holes. <i>Physical Review B</i> , 2007 , 76,	3.3	74
182	Scattering of surface plasmons by one-dimensional periodic nanoindented surfaces. <i>Physical Review B</i> , 2005 , 72,	3.3	74
181	Optimization of bull's eye structures for transmission enhancement. <i>Optics Express</i> , 2010 , 18, 11292-9	3.3	73
180	Efficiency and finite size effects in enhanced transmission through subwavelength apertures. <i>Optics Express</i> , 2008 , 16, 9571-9	3.3	73
179	Efficiency of local surface plasmon polariton excitation on ridges. <i>Physical Review B</i> , 2008 , 78,	3.3	72
178	Heat production and energy balance in nanoscale engines driven by time-dependent fields. <i>Physical Review B</i> , 2007 , 75,	3.3	70
177	Surface electromagnetic field radiated by a subwavelength hole in a metal film. <i>Physical Review Letters</i> , 2010 , 105, 073902	7.4	69
176	Electrically controlled terahertz magneto-optical phenomena in continuous and patterned graphene. <i>Nature Communications</i> , 2017 , 8, 14626	17.4	68
175	High-Throughput Fabrication of Resonant Metamaterials with Ultrasmall Coaxial Apertures via Atomic Layer Lithography. <i>Nano Letters</i> , 2016 , 16, 2040-6	11.5	67
174	Spoof Surface Plasmon Polariton Modes Propagating Along Periodically Corrugated Wires. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2008 , 14, 1515-1521	3.8	67
173	Scattering of graphene plasmons by defects in the graphene sheet. <i>ACS Nano</i> , 2013 , 7, 4988-94	16.7	66
172	Optical bistability in subwavelength slit apertures containing nonlinear media. <i>Physical Review B</i> , 2004 , 70,	3.3	66
171	Non-linear conductance of a saddle-point constriction. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 1323-1333	3.3	65
170	Extraordinary transmission through metal-coated monolayers of microspheres. <i>Optics Express</i> , 2009 , 17, 761-72	3.3	64
169	Coupling efficiency of light to surface plasmon polariton for single subwavelength holes in a gold film. <i>Optics Express</i> , 2008 , 16, 3420-9	3.3	64
168	Enhanced millimeter wave transmission through quasioptical subwavelength perforated plates. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 1897-1903	4.9	64

167	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	11.5	63
166	Superradiance mediated by graphene surface plasmons. <i>Physical Review B</i> , 2012 , 85,	3.3	63
165	Single-electron tunneling and Coulomb charging effects in asymmetric double-barrier resonant-tunneling diodes. <i>Physical Review B</i> , 1992 , 45, 14407-14410	3.3	62
164	Self-Assembled Triply Periodic Minimal Surfaces as Molds for Photonic Band Gap Materials. <i>Physical Review Letters</i> , 1999 , 83, 73-75	7.4	61
163	Spectroscopy and nonlinear microscopy of Au nanoparticle arrays: Experiment and theory. <i>Physical Review B</i> , 2006 , 73,	3.3	60
162	Mechanisms for extraordinary optical transmission through bull's eye structures. <i>Optics Express</i> , 2011 , 19, 10429-42	3.3	59
161	Enhanced acoustical transmission and beaming effect through a single aperture. <i>Physical Review B</i> , 2010 , 81,	3.3	59
160	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	59
159	Energy loss by charged particles in complex media. <i>Physical Review B</i> , 1994 , 50, 5062-5073	3.3	58
158	Electronic structure, defect states, and optical absorption of amorphous Si _{1-x} N _x . <i>Physical Review B</i> , 1987 , 35, 9683-9692	3.3	55
157	Reversible dynamics of single quantum emitters near metal-dielectric interfaces. <i>Physical Review B</i> , 2014 , 89,	3.3	54
156	Waveguided spoof surface plasmons with deep-subwavelength lateral confinement. <i>Optics Letters</i> , 2011 , 36, 4635-7	3	52
155	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	52
154	Magnetic Localized Surface Plasmons. <i>Physical Review X</i> , 2014 , 4,	9.1	51
153	Controlling terahertz radiation with nanoscale metal barriers embedded in nano slot antennas. <i>ACS Nano</i> , 2011 , 5, 8340-5	16.7	50
152	Extraordinary optical transmission through hole arrays in optically thin metal films. <i>Optics Letters</i> , 2009 , 34, 4-6	3	50
151	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	50
150	Skyrmions and edge-spin excitations in quantum Hall droplets. <i>Physical Review B</i> , 1996 , 54, 16850-16859	3.3	49

149	Scattering of surface plasmon polaritons by one-dimensional inhomogeneities. <i>Physical Review B</i> , 2007 , 75,	3.3	48
148	Analytical solution for the diffraction of an electromagnetic wave by a graphene grating. <i>Journal of Optics (United Kingdom)</i> , 2013 , 15, 114008	1.7	47
147	Unrelenting plasmons. <i>Nature Photonics</i> , 2017 , 11, 8-10	33.9	46
146	Theory of plasmon-assisted transmission of entangled photons. <i>Physical Review Letters</i> , 2004 , 92, 236804	7.4	45
145	Resonant tunneling in an Al _x Ga _{1-x} As/GaAs quantum dot as a function of magnetic field. <i>Physical Review B</i> , 1992 , 46, 3948-3952	3.3	45
144	Extraordinary Optical Transmission: Fundamentals and Applications. <i>Proceedings of the IEEE</i> , 2016 , 104, 2288-2306	14.3	43
143	Surface plasmon polariton scattering by finite-size nanoparticles. <i>Physical Review B</i> , 2007 , 76,	3.3	43
142	Theory of extraordinary transmission of light through quasiperiodic arrays of subwavelength holes. <i>Physical Review Letters</i> , 2007 , 99, 203905	7.4	43
141	Low-lying excitations of quantum hall droplets. <i>Physical Review Letters</i> , 1995 , 74, 5120-5123	7.4	43
140	Terahertz surface plasmon polaritons on a helically grooved wire. <i>Applied Physics Letters</i> , 2008 , 93, 141109	10.9	41
139	Spectroscopy and nonlinear microscopy of gold nanoparticle arrays on gold films. <i>Physical Review B</i> , 2007 , 75,	3.3	41
138	Ultraefficient Coupling of a Quantum Emitter to the Tunable Guided Plasmons of a Carbon Nanotube. <i>Physical Review Letters</i> , 2015 , 115, 173601	7.4	39
137	Dynamical signatures of bound states in waveguide QED. <i>Physical Review A</i> , 2017 , 96,	2.6	35
136	Dual band terahertz waveguiding on a planar metal surface patterned with annular holes. <i>Applied Physics Letters</i> , 2010 , 96, 011101	3.4	35
135	Electromagnetic wave transmission through a small hole in a perfect electric conductor of finite thickness. <i>Physical Review B</i> , 2008 , 78,	3.3	34
134	Launching of hyperbolic phonon-polaritons in h-BN slabs by resonant metal plasmonic antennas. <i>Nature Communications</i> , 2019 , 10, 3242	17.4	33
133	Holes with very acute angles: a new paradigm of extraordinary optical transmission through strongly localized modes. <i>Optics Express</i> , 2010 , 18, 23691-7	3.3	33
132	Anisotropic Acoustic Plasmons in Black Phosphorus. <i>ACS Photonics</i> , 2018 , 5, 2208-2216	6.3	32

131	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	3.8	32
130	All-angle blockage of sound by an acoustic double-fishnet metamaterial. <i>Applied Physics Letters</i> , 2010 , 97, 134106	3.4	32
129	Confining and slowing airborne sound with a corrugated metawire. <i>Applied Physics Letters</i> , 2008 , 93, 083502	3.4	32
128	Ultrastrong plasmon-phonon coupling via epsilon-near-zero nanocavities. <i>Nature Photonics</i> , 2021 , 15, 125-130	33.9	32
127	Acoustic Graphene Plasmon Nanoresonators for Field-Enhanced Infrared Molecular Spectroscopy. <i>ACS Photonics</i> , 2017 , 4, 3089-3097	6.3	31
126	Diffraction regimes of single holes. <i>Physical Review Letters</i> , 2012 , 109, 023901	7.4	31
125	Effect of film thickness and dielectric environment on optical transmission through subwavelength holes. <i>Physical Review B</i> , 2012 , 85,	3.3	31
124	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,	3.3	31
123	Resonant transmission of light through finite arrays of slits. <i>Physical Review B</i> , 2007 , 76,	3.3	30
122	Transformation plasmonics. <i>Nanophotonics</i> , 2012 , 1, 51-64	6.3	29
121	Modulation of surface plasmon coupling-in by one-dimensional surface corrugation. <i>New Journal of Physics</i> , 2008 , 10, 033035	2.9	29
120	Magnetotunnelling through Quantum Boxes in a Strong-Correlation Regime. <i>Europhysics Letters</i> , 1993 , 23, 495-501	1.6	29
119	Observation of enhanced transmission for s-polarized light through a subwavelength slit. <i>Optics Express</i> , 2010 , 18, 9722-7	3.3	27
118	Substrate-sensitive mid-infrared photoresponse in graphene. <i>ACS Nano</i> , 2014 , 8, 8350-6	16.7	26
117	Resonant transmission of cold atoms through subwavelength apertures. <i>Physical Review Letters</i> , 2005 , 95, 170406	7.4	26
116	Tunable plasmon-enhanced birefringence in ribbon array of anisotropic two-dimensional materials. <i>Physical Review B</i> , 2017 , 95,	3.3	25
115	Anomalous band formation in arrays of terahertz nanoresonators. <i>Physical Review Letters</i> , 2011 , 106, 013902	7.4	25
114	Causal-surface Green's function method. <i>Surface Science</i> , 1991 , 244, 160-176	1.8	25

113	Deeply subwavelength phonon-polaritonic crystal made of a van der Waals material. <i>Nature Communications</i> , 2019 , 10, 42	17.4	25
112	Stacking Structures of Few-Layer Graphene Revealed by Phase-Sensitive Infrared Nanoscopy. <i>ACS Nano</i> , 2015 , 9, 6765-73	16.7	23
111	Holey metal films make perfect endoscopes. <i>Physical Review B</i> , 2009 , 79,	3.3	23
110	Holey metal films: From extraordinary transmission to negative-index behavior. <i>Physical Review B</i> , 2009 , 80,	3.3	23
109	Efficient coupling of light into and out of a photonic crystal waveguide via surface modes. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2004 , 2, 97-102	2.6	23
108	Graphene Plasmon Reflection by Corrugations. <i>ACS Photonics</i> , 2017 , 4, 3081-3088	6.3	21
107	Nonlinear quantum optics in the (ultra)strong light-matter coupling. <i>Faraday Discussions</i> , 2015 , 178, 335-356	3.6	21
106	Gain-assisted extraordinary optical transmission through periodic arrays of subwavelength apertures. <i>New Journal of Physics</i> , 2012 , 14, 013020	2.9	21
105	Subwavelength chiral surface plasmons that carry tuneable orbital angular momentum. <i>Physical Review B</i> , 2012 , 86,	3.3	21
104	Canted ground state in artificial molecules at high magnetic fields. <i>Physical Review B</i> , 2000 , 62, R10633-R10636	3.1	21
103	Thermopower of a one-dimensional ballistic constriction in the non-linear regime. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 8055-8064	1.8	21
102	Magnetoplasmonic enhancement of Faraday rotation in patterned graphene metasurfaces. <i>Physical Review B</i> , 2018 , 97,	3.3	20
101	Moulding the flow of surface plasmons using conformal and quasiconformal mappings. <i>New Journal of Physics</i> , 2011 , 13, 033011	2.9	20
100	Enhanced optical transmission, beaming and focusing through a subwavelength slit under excitation of dielectric waveguide modes. <i>Journal of Optics</i> , 2009 , 11, 125702		20
99	Topological Phases of Polaritons in a Cavity Waveguide. <i>Physical Review Letters</i> , 2019 , 123, 217401	7.4	20
98	Opening the light extraction cone of high index substrates with plasmonic gratings: Light emitting diode applications. <i>Applied Physics Letters</i> , 2009 , 95, 021101	3.4	19
97	Minimal model for optical transmission through holey metal films. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 304214	1.8	19
96	Plasmonic antenna coupling to hyperbolic phonon-polaritons for sensitive and fast mid-infrared photodetection with graphene. <i>Nature Communications</i> , 2020 , 11, 4872	17.4	19

95	Theory of absorption-induced transparency. <i>Physical Review B</i> , 2013 , 88,	3.3	18
94	Enhanced transmission from a single subwavelength slit aperture surrounded by grooves on a standard detector. <i>Applied Physics Letters</i> , 2009 , 95, 011113	3.4	18
93	Foundations of the composite diffracted evanescent wave model. <i>Nature Physics</i> , 2006 , 2, 790-790	16.2	18
92	Vertical tunneling between two quantum dots in a transverse magnetic field. <i>Physical Review B</i> , 1994 , 49, 8071-8075	3.3	18
91	Comparative study of surface plasmon scattering by shallow ridges and grooves. <i>Physical Review B</i> , 2011 , 83,	3.3	17
90	Geometrically induced modification of surface plasmons in the optical and telecom regimes. <i>Optics Letters</i> , 2010 , 35, 423-5	3	16
89	Possibility of finding reliable solid-state tight-binding parameters for the Si-N bond through quantum-chemistry calculations. <i>Physical Review B</i> , 1989 , 39, 1844-1855	3.3	16
88	Second-harmonic generation from metallic arrays of rectangular holes. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015 , 32, 15	1.7	15
87	Full two-photon down-conversion of a single photon. <i>Physical Review A</i> , 2016 , 94,	2.6	15
86	Scattering of surface plasmon polaritons by impedance barriers: Dependence on angle of incidence. <i>Physical Review B</i> , 2008 , 77,	3.3	15
85	Interference of surface plasmon polaritons excited at hole pairs in thin gold films. <i>Applied Physics Letters</i> , 2012 , 101, 201102	3.4	14
84	Bragg reflection of terahertz waves in plasmonic crystals. <i>Optics Express</i> , 2009 , 17, 9212-8	3.3	14
83	Plasmonic metamaterials based on holey metallic films. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 304215	1.8	14
82	Single-electron tunneling and Coulomb charging effects in ultrasmall double-barrier heterostructures. <i>Solid-State Electronics</i> , 1994 , 37, 793-799	1.7	14
81	Optical transmission of periodic annular apertures in metal film on high-refractive index substrate: The role of the nanopillar shape. <i>Applied Physics Letters</i> , 2010 , 96, 201101	3.4	13
80	Plasmonic candle: towards efficient nanofocusing with channel plasmon polaritons. <i>New Journal of Physics</i> , 2009 , 11, 113043	2.9	13
79	Metallic slit arrays filled with third-order nonlinear media: Optical Kerr effect and third-harmonic generation. <i>Physical Review B</i> , 2011 , 83,	3.3	13
78	Comparison of finite-difference time-domain simulations and experiments on the optical properties of gold nanoparticle arrays on gold film. <i>Journal of Optics</i> , 2007 , 9, S366-S371		13

77	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	3.8	13
76	Waveguide and Plasmonic Absorption-Induced Transparency. <i>ACS Nano</i> , 2016 , 10, 4570-8	16.7	13
75	Absorption-induced transparency metamaterials in the terahertz regime. <i>Optics Letters</i> , 2016 , 41, 293-6	3	12
74	Single Photons by Quenching the Vacuum. <i>Physical Review Letters</i> , 2019 , 123, 013601	7.4	12
73	Effect of defect depth on surface plasmon scattering by subwavelength surface defects. <i>Physical Review B</i> , 2011 , 83,	3.3	12
72	Normal-incidence scattering of surface plasmon polaritons by one-dimensional nanoindentations: a multimodal description. <i>Applied Physics A: Materials Science and Processing</i> , 2007 , 89, 251-258	2.6	12
71	Magnetic localized surface plasmons 2014 ,		11
70	Optical switching in metal-slit arrays on nonlinear dielectric substrates. <i>Optics Letters</i> , 2010 , 35, 4211-3	3	11
69	Scattering coefficients of surface plasmon polaritons impinging at oblique incidence onto one-dimensional surface relief defects. <i>Physical Review B</i> , 2007 , 75,	3.3	11
68	Ballistic transport in a one-dimensional system with an arbitrary longitudinal potential. <i>Journal of Physics Condensed Matter</i> , 1989 , 1, 5421-5427	1.8	11
67	Plasmonic Split-Trench Resonator for Trapping and Sensing. <i>ACS Nano</i> , 2021 , 15, 6669-6677	16.7	11
66	Dyakonov surface wave resonant transmission. <i>Optics Express</i> , 2011 , 19, 6339-47	3.3	10
65	Intercoupling of free-space radiation to s-polarized confined modes via nanocavities. <i>Applied Physics Letters</i> , 2009 , 94, 063119	3.4	10
64	Beaming matter waves from a subwavelength aperture. <i>Physical Review A</i> , 2006 , 74,	2.6	10
63	Spin-Isospin Textured Excitations in a Double Layer at Filling Factor μ_2 . <i>Physical Review Letters</i> , 1999 , 83, 2250-2253	7.4	10
62	Electronic density of states on a randomly dilute Cayley tree. <i>Journal of Physics C: Solid State Physics</i> , 1986 , 19, 6751-6760		10
61	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, 267-75	1.9	9
60	Micropillar Templates for Dielectric Filled Metal Arrays and Flexible Metamaterials. <i>Advanced Optical Materials</i> , 2017 , 5, 1600670	8.1	8

59	Thermopower measurements of semiconductor quantum dots. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 281-285	2.8	8
58	Kondo effect in multielectron quantum dots at high magnetic fields. <i>Physical Review B</i> , 2001 , 63,	3.3	8
57	Scattering theory for spin waves in quantum Hall ferromagnets. <i>Physical Review B</i> , 1998 , 57, 6618-6622	3.3	8
56	Effect of under- and overcoordination on the electronic structure of amorphous silicon. <i>Physical Review B</i> , 1989 , 39, 3445-3448	3.3	8
55	Chiral Current Circulation and Symmetry in a Trimer of Oscillators. <i>ACS Photonics</i> , 2020 , 7, 3401-3414	6.3	8
54	One- and two-photon scattering from generalized V-type atoms. <i>Physical Review A</i> , 2016 , 94,	2.6	8
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