

# Luis Martin-Moreno

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Phonon-Enhanced Mid-Infrared CO <sub>2</sub> Gas Sensing Using Boron Nitride Nanoresonators. <i>ACS Photonics</i> , <b>2022</b> , 9, 34-42	6.3	3
237	Neural network assisted design of plasmonic nanostructures on superconducting transition-edge-sensors for single photon detectors.. <i>Optics Express</i> , <b>2022</b> , 30, 12368-12377	3.3	1
236	Plasmonic Split-Trench Resonator for Trapping and Sensing. <i>ACS Nano</i> , <b>2021</b> , 15, 6669-6677	16.7	11
235	Ultrastrong plasmon-phonon coupling via epsilon-near-zero nanocavities. <i>Nature Photonics</i> , <b>2021</b> , 15, 125-130	33.9	32
234	Hyperspectral Nanoimaging of van der Waals Polaritonic Crystals. <i>Nano Letters</i> , <b>2021</b> , 21, 7109-7115	11.5	3
233	Nonlocal Quantum Effects in Plasmons of Graphene Superlattices. <i>Physical Review Letters</i> , <b>2020</b> , 124, 257401	7.4	2
232	Ultrastrong coupling effects in molecular cavity QED. <i>Nanophotonics</i> , <b>2020</b> , 9, 277-281	6.3	4
231	Plasmonic Dirac Cone in Twisted Bilayer Graphene. <i>Physical Review Letters</i> , <b>2020</b> , 125, 256804	7.4	7
230	Terahertz and infrared nonlocality and field saturation in extreme-scale nanoslits. <i>Optics Express</i> , <b>2020</b> , 28, 8701-8715	3.3	2
229	Polaritonic Tamm states induced by cavity photons. <i>Nanophotonics</i> , <b>2020</b> , 10, 513-521	6.3	6
228	Plasmonic antenna coupling to hyperbolic phonon-polaritons for sensitive and fast mid-infrared photodetection with graphene. <i>Nature Communications</i> , <b>2020</b> , 11, 4872	17.4	19
227	Chiral Current Circulation and Symmetry in a Trimer of Oscillators. <i>ACS Photonics</i> , <b>2020</b> , 7, 3401-3414	6.3	8
226	Interrogating hot electrons in tunnel junctions. <i>Science</i> , <b>2020</b> , 369, 375-376	33.3	0
225	Launching of hyperbolic phonon-polaritons in h-BN slabs by resonant metal plasmonic antennas. <i>Nature Communications</i> , <b>2019</b> , 10, 3242	17.4	33
224	Single Photons by Quenching the Vacuum. <i>Physical Review Letters</i> , <b>2019</b> , 123, 013601	7.4	12
223	Strain-induced large Faraday rotation in graphene at subtesla external magnetic fields. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	2
222	Topological Phases of Polaritons in a Cavity Waveguide. <i>Physical Review Letters</i> , <b>2019</b> , 123, 217401	7.4	20

221	Deeply subwavelength phonon-polaritonic crystal made of a van der Waals material. <i>Nature Communications</i> , <b>2019</b> , 10, 42	17.4	25
220	High-Contrast Infrared Absorption Spectroscopy via Mass-Produced Coaxial Zero-Mode Resonators with Sub-10 nm Gaps. <i>Nano Letters</i> , <b>2018</b> , 18, 1930-1936	11.5	63
219	Emergent causality and the N-photon scattering matrix in waveguide QED. <i>New Journal of Physics</i> , <b>2018</b> , 20, 013017	2.9	4
218	Anisotropic Acoustic Plasmons in Black Phosphorus. <i>ACS Photonics</i> , <b>2018</b> , 5, 2208-2216	6.3	32
217	Magnetoplasmonic enhancement of Faraday rotation in patterned graphene metasurfaces. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	20
216	Spoof Surface Plasmon Metamaterials <b>2018</b> ,		7
215	Polariton Anomalous Hall Effect in Transition-Metal Dichalcogenides. <i>Physical Review Letters</i> , <b>2018</b> , 121, 137402	7.4	8
214	Electrically controlled terahertz magneto-optical phenomena in continuous and patterned graphene. <i>Nature Communications</i> , <b>2017</b> , 8, 14626	17.4	68
213	Unrelenting plasmons. <i>Nature Photonics</i> , <b>2017</b> , 11, 8-10	33.9	46
212	Acoustic Graphene Plasmon Nanoresonators for Field-Enhanced Infrared Molecular Spectroscopy. <i>ACS Photonics</i> , <b>2017</b> , 4, 3089-3097	6.3	31
211	Dynamical signatures of bound states in waveguide QED. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	35
210	Graphene Plasmon Reflection by Corrugations. <i>ACS Photonics</i> , <b>2017</b> , 4, 3081-3088	6.3	21
209	Basics of Nanoplasmonics. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , <b>2017</b> , 1-19	0.1	
208	Tunable plasmon-enhanced birefringence in ribbon array of anisotropic two-dimensional materials. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	25
207	Micropillar Templates for Dielectric Filled Metal Arrays and Flexible Metamaterials. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1600670	8.1	8
206	Polaritons in layered two-dimensional materials. <i>Nature Materials</i> , <b>2017</b> , 16, 182-194	27	665
205	Angle resolved transmission through metal hole gratings. <i>Optics Express</i> , <b>2017</b> , 25, 9061-9070	3.3	1
204	Faraday effect in rippled graphene: Magneto-optics and random gauge fields. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	7

203	Full two-photon down-conversion of a single photon. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	15
202	Extraordinary Optical Transmission: Fundamentals and Applications. <i>Proceedings of the IEEE</i> , <b>2016</b> , 104, 2288-2306	14.3	43
201	Absorption-induced transparency metamaterials in the terahertz regime. <i>Optics Letters</i> , <b>2016</b> , 41, 293-6	3	12
200	High-Throughput Fabrication of Resonant Metamaterials with Ultrasmall Coaxial Apertures via Atomic Layer Lithography. <i>Nano Letters</i> , <b>2016</b> , 16, 2040-6	11.5	67
199	One- and two-photon scattering from generalized V-type atoms. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	8
198	Waveguide and Plasmonic Absorption-Induced Transparency. <i>ACS Nano</i> , <b>2016</b> , 10, 4570-8	16.7	13
197	Mechanisms for photon sorting based on slit-groove arrays. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , <b>2015</b> , 13, 58-65	2.6	1
196	Second-harmonic generation from metallic arrays of rectangular holes. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 15	1.7	15
195	Ultraefficient Coupling of a Quantum Emitter to the Tunable Guided Plasmons of a Carbon Nanotube. <i>Physical Review Letters</i> , <b>2015</b> , 115, 173601	7.4	39
194	Stacking Structures of Few-Layer Graphene Revealed by Phase-Sensitive Infrared Nanoscopy. <i>ACS Nano</i> , <b>2015</b> , 9, 6765-73	16.7	23
193	Nonlinear quantum optics in the (ultra)strong light-matter coupling. <i>Faraday Discussions</i> , <b>2015</b> , 178, 335-56	56	21
192	Reversible dynamics of single quantum emitters near metal-dielectric interfaces. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	54
191	Broadband and broadangle extraordinary acoustic transmission through subwavelength apertures surrounded by fluids. <i>New Journal of Physics</i> , <b>2014</b> , 16, 083044	2.9	7
190	Transmittance of a subwavelength aperture flanked by a finite groove array placed near the focus of a conventional lens. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2014</b> , 31, 1653	1.7	3
189	Substrate-sensitive mid-infrared photoresponse in graphene. <i>ACS Nano</i> , <b>2014</b> , 8, 8350-6	16.7	26
188	Anomalous reflection phase of graphene plasmons and its influence on resonators. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	82
187	Magnetic Localized Surface Plasmons. <i>Physical Review X</i> , <b>2014</b> , 4,	9.1	51
186	Scattering in the ultrastrong regime: nonlinear optics with one photon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 263604	7.4	79

185	Magnetic localized surface plasmons <b>2014</b> ,		11
184	Faraday rotation due to excitation of magnetoplasmons in graphene microribbons. <i>ACS Nano</i> , <b>2013</b> , 7, 9780-7	16.7	92
183	Theory of absorption-induced transparency. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	18
182	Strong plasmon reflection at nanometer-size gaps in monolayer graphene on SiC. <i>Nano Letters</i> , <b>2013</b> , 13, 6210-5	11.5	85
181	Graphene supports the propagation of subwavelength optical solitons. <i>Laser and Photonics Reviews</i> , <b>2013</b> , 7, L7-L11	8.3	102
180	Theory of strong coupling between quantum emitters and propagating surface plasmons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 126801	7.4	123
179	Weak and strong coupling regimes in plasmonic QED. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	110
178	Scattering of graphene plasmons by defects in the graphene sheet. <i>ACS Nano</i> , <b>2013</b> , 7, 4988-94	16.7	66
177	Coherent and broadband enhanced optical absorption in graphene. <i>ACS Nano</i> , <b>2013</b> , 7, 4810-7	16.7	163
176	Analytical Expressions for the Electromagnetic Dyadic Green's Function in Graphene and Thin Layers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2013</b> , 19, 4600611-4600611	3.8	32
175	Special issue on graphene nanophotonics. <i>Journal of Optics (United Kingdom)</i> , <b>2013</b> , 15, 110201	1.7	3
174	Analytical solution for the diffraction of an electromagnetic wave by a graphene grating. <i>Journal of Optics (United Kingdom)</i> , <b>2013</b> , 15, 114008	1.7	47
173	Gain-assisted extraordinary optical transmission through periodic arrays of subwavelength apertures. <i>New Journal of Physics</i> , <b>2012</b> , 14, 013020	2.9	21
172	Resonant plasmonic effects in periodic graphene antidot arrays. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 151114	3.4	120
171	Transformation plasmonics. <i>Nanophotonics</i> , <b>2012</b> , 1, 51-64	6.3	29
170	Exploring qubit-qubit entanglement mediated by one-dimensional plasmonic nanowaveguides. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2012</b> , 9, 1303-1308		6
169	Superradiance mediated by graphene surface plasmons. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	63
168	Surface plasmon enhanced absorption and suppressed transmission in periodic arrays of graphene ribbons. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	338

167	Localized spoof plasmons arise while texturing closed surfaces. <i>Physical Review Letters</i> , <b>2012</b> , 108, 223905	7.4	201
166	Diffraction regimes of single holes. <i>Physical Review Letters</i> , <b>2012</b> , 109, 023901	7.4	31
165	Optimal light harvesting structures at optical and infrared frequencies. <i>Optics Express</i> , <b>2012</b> , 20, 25441-53	3.3	7
164	Subwavelength chiral surface plasmons that carry tuneable orbital angular momentum. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	21
163	Interference of surface plasmon polaritons excited at hole pairs in thin gold films. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 201102	3.4	14
162	Effect of film thickness and dielectric environment on optical transmission through subwavelength holes. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	31
161	Comparative study of surface plasmon scattering by shallow ridges and grooves. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	17
160	Dyakonov surface wave resonant transmission. <i>Optics Express</i> , <b>2011</b> , 19, 6339-47	3.3	10
159	Mechanisms for extraordinary optical transmission through bull's eye structures. <i>Optics Express</i> , <b>2011</b> , 19, 10429-42	3.3	59
158	Waveguided spoof surface plasmons with deep-subwavelength lateral confinement. <i>Optics Letters</i> , <b>2011</b> , 36, 4635-7	3	52
157	Controlling terahertz radiation with nanoscale metal barriers embedded in nano slot antennas. <i>ACS Nano</i> , <b>2011</b> , 5, 8340-5	16.7	50
156	A holey-structured metamaterial for acoustic deep-subwavelength imaging. <i>Nature Physics</i> , <b>2011</b> , 7, 52-56	5.2	428
155	Dissipation-driven generation of two-qubit entanglement mediated by plasmonic waveguides. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	113
154	Fields radiated by a nanoemitter in a graphene sheet. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	163
153	Edge and waveguide terahertz surface plasmon modes in graphene microribbons. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	398
152	Role of surface plasmon polaritons in the optical response of a hole pair. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	6
151	Entanglement of two qubits mediated by one-dimensional plasmonic waveguides. <i>Physical Review Letters</i> , <b>2011</b> , 106, 020501	7.4	361
150	Moulding the flow of surface plasmons using conformal and quasiconformal mappings. <i>New Journal of Physics</i> , <b>2011</b> , 13, 033011	2.9	20

149	Oblique launching of optical surface waves by a subwavelength slit. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	3
148	Metallic slit arrays filled with third-order nonlinear media: Optical Kerr effect and third-harmonic generation. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	13
147	Anomalous band formation in arrays of terahertz nanoresonators. <i>Physical Review Letters</i> , <b>2011</b> , 106, 013902	7-4	25
146	Effect of defect depth on surface plasmon scattering by subwavelength surface defects. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	12
145	Enhanced acoustical transmission and beaming effect through a single aperture. <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	59
144	All-angle blockage of sound by an acoustic double-fishnet metamaterial. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 134106	3-4	32
143	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> , <b>2010</b> , 96, 201101	3-4	13
142	Collimation of horizontally polarized shear waves by means of ridge grating supported Love modes. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 233505	3-4	3
141	Dual band terahertz waveguiding on a planar metal surface patterned with annular holes. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 011101	3-4	35
140	Resonance energy transfer and superradiance mediated by plasmonic nanowaveguides. <i>Nano Letters</i> , <b>2010</b> , 10, 3129-34	11.5	165
139	Observation of enhanced transmission for s-polarized light through a subwavelength slit. <i>Optics Express</i> , <b>2010</b> , 18, 9722-7	3-3	27
138	Optimization of bull's eye structures for transmission enhancement. <i>Optics Express</i> , <b>2010</b> , 18, 11292-9	3-3	73
137	Holes with very acute angles: a new paradigm of extraordinary optical transmission through strongly localized modes. <i>Optics Express</i> , <b>2010</b> , 18, 23691-7	3-3	33
136	Geometrically induced modification of surface plasmons in the optical and telecom regimes. <i>Optics Letters</i> , <b>2010</b> , 35, 423-5	3	16
135	Optical switching in metal-slit arrays on nonlinear dielectric substrates. <i>Optics Letters</i> , <b>2010</b> , 35, 4211-3	3	11
134	Domino plasmons for subwavelength terahertz circuitry. <i>Optics Express</i> , <b>2010</b> , 18, 754-64	3-3	204
133	Light passing through subwavelength apertures. <i>Reviews of Modern Physics</i> , <b>2010</b> , 82, 729-787	40.5	940
132	Surface electromagnetic field radiated by a subwavelength hole in a metal film. <i>Physical Review Letters</i> , <b>2010</b> , 105, 073902	7-4	69

131	Transformation optics for plasmonics. <i>Nano Letters</i> , <b>2010</b> , 10, 1985-90	11.5	169
130	Influence of the dielectric substrate on the field emitted by a subwavelength slit in a metal film. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2010</b> , 4, 250-252	2.5	6
129	Enhanced transmission from a single subwavelength slit aperture surrounded by grooves on a standard detector. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 011113	3.4	18
128	Holey metal films make perfect endoscopes. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	23
127	Opening the light extraction cone of high index substrates with plasmonic gratings: Light emitting diode applications. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 021101	3.4	19
126	In the diffraction shadow: Norton waves versus surface plasmon polaritons in the optical region. <i>New Journal of Physics</i> , <b>2009</b> , 11, 123020	2.9	59
125	Plasmonic candle: towards efficient nanofocusing with channel plasmon polaritons. <i>New Journal of Physics</i> , <b>2009</b> , 11, 113043	2.9	13
124	Extraordinary optical transmission through hole arrays in optically thin metal films. <i>Optics Letters</i> , <b>2009</b> , 34, 4-6	3	50
123	Terahertz wedge plasmon polaritons. <i>Optics Letters</i> , <b>2009</b> , 34, 2063-5	3	92
122	Polarization conversion spectroscopy of hybrid modes. <i>Optics Letters</i> , <b>2009</b> , 34, 3911-3	3	6
121	Extraordinary transmission through metal-coated monolayers of microspheres. <i>Optics Express</i> , <b>2009</b> , 17, 761-72	3.3	64
120	Efficient unidirectional ridge excitation of surface plasmons. <i>Optics Express</i> , <b>2009</b> , 17, 7228-32	3.3	85
119	Bragg reflection of terahertz waves in plasmonic crystals. <i>Optics Express</i> , <b>2009</b> , 17, 9212-8	3.3	14
118	Light transmission properties of holey metal films in the metamaterial limit: effective medium theory and subwavelength imaging. <i>New Journal of Physics</i> , <b>2009</b> , 11, 123013	2.9	6
117	Enhanced optical transmission, beaming and focusing through a subwavelength slit under excitation of dielectric waveguide modes. <i>Journal of Optics</i> , <b>2009</b> , 11, 125702		20
116	Nanofocusing with channel plasmon polaritons. <i>Nano Letters</i> , <b>2009</b> , 9, 1278-82	11.5	121
115	Holey metal films: From extraordinary transmission to negative-index behavior. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	23
114	Intercoupling of free-space radiation to s-polarized confined modes via nanocavities. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 063119	3.4	10



113	Guiding terahertz waves along subwavelength channels. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	86
112	Highly confined guiding of terahertz surface plasmon polaritons on structured metal surfaces. <i>Nature Photonics</i> , <b>2008</b> , 2, 175-179	33.9	447
111	Spoof Surface Plasmon Polariton Modes Propagating Along Periodically Corrugated Wires. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2008</b> , 14, 1515-1521	3.8	67
110	Efficiency of local surface plasmon polariton excitation on ridges. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	72
109	Coupling efficiency of light to surface plasmon polariton for single subwavelength holes in a gold film. <i>Optics Express</i> , <b>2008</b> , 16, 3420-9	3.3	64
108	Efficiency and finite size effects in enhanced transmission through subwavelength apertures. <i>Optics Express</i> , <b>2008</b> , 16, 9571-9	3.3	73
107	Optical control over surface-plasmon-polariton-assisted THz transmission through a slit aperture. <i>Physical Review Letters</i> , <b>2008</b> , 100, 123901	7.4	105
106	Electromagnetic wave transmission through a small hole in a perfect electric conductor of finite thickness. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	34
105	Theory of negative-refractive-index response of double-fishnet structures. <i>Physical Review Letters</i> , <b>2008</b> , 101, 103902	7.4	145
104	Transmission Resonances Through a Fibonacci Array of Subwavelength Slits. <i>Electromagnetics</i> , <b>2008</b> , 28, 186-197	0.8	3
103	Efficiency of local surface plasmon polariton excitation on ridges <b>2008</b> ,		2
102	Minimal model for optical transmission through holey metal films. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 304214	1.8	19
101	Modulation of surface plasmon coupling-in by one-dimensional surface corrugation. <i>New Journal of Physics</i> , <b>2008</b> , 10, 033035	2.9	29
100	Plasmonic metamaterials based on holey metallic films. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 304215	1.8	14
99	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> , <b>2008</b> , 10, 105017	2.9	50
98	Guiding and focusing of electromagnetic fields with wedge plasmon polaritons. <i>Physical Review Letters</i> , <b>2008</b> , 100, 023901	7.4	268
97	Scattering of surface plasmon polaritons by impedance barriers: Dependence on angle of incidence. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	15
96	Resonant transmission and beaming of cold atoms assisted by surface matter waves. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	4

95	Confining and slowing airborne sound with a corrugated metawire. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 083502	3-4	32
94	Terahertz surface plasmon polaritons on a helically grooved wire. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 141109	3-4	41
93	Influence of material properties on extraordinary optical transmission through hole arrays. <i>Physical Review B</i> , <b>2008</b> , 77,	3-3	139
92	Theory of resonant acoustic transmission through subwavelength apertures. <i>Physical Review Letters</i> , <b>2008</b> , 101, 014301	7-4	183
91	Efficient unidirectional nanoslit couplers for surface plasmons. <i>Nature Physics</i> , <b>2007</b> , 3, 324-328	16.2	393
90	Collimation of sound assisted by acoustic surface waves. <i>Nature Physics</i> , <b>2007</b> , 3, 851-852	16.2	220
89	Normal-incidence scattering of surface plasmon polaritons by one-dimensional nanoindentations: a multimodal description. <i>Applied Physics A: Materials Science and Processing</i> , <b>2007</b> , 89, 251-258	2.6	12
88	Surface plasmon polariton scattering by finite-size nanoparticles. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	43
87	Theory of extraordinary transmission of light through quasiperiodic arrays of subwavelength holes. <i>Physical Review Letters</i> , <b>2007</b> , 99, 203905	7-4	43
86	Spectroscopy and nonlinear microscopy of gold nanoparticle arrays on gold films. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	41
85	Resonant transmission of light through finite arrays of slits. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	30
84	Scattering coefficients of surface plasmon polaritons impinging at oblique incidence onto one-dimensional surface relief defects. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	11
83	Theory of light transmission through an array of rectangular holes. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	74
82	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> , <b>2007</b> , 76,	3-3	31
81	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> , <b>2007</b> , 9, S366-S371		13
80	Scattering of surface plasmon polaritons by one-dimensional inhomogeneities. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	48
79	Heat production and energy balance in nanoscale engines driven by time-dependent fields. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	70
78	THEORY OF LIGHT TRANSMISSION THROUGH PERIODICALLY STRUCTURED NANO-APERTURES <b>2007</b> , 27-38		

77	Transmission of light through a single rectangular hole in a real metal. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	108
76	Beaming matter waves from a subwavelength aperture. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	10
75	Spectroscopy and nonlinear microscopy of Au nanoparticle arrays: Experiment and theory. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	60
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