Romain Quidant

List of Publications by Year
in descending order

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204 papers	19,417 citations	11651 70 h-index	11052 137 g-index
206 all docs	206 docs citations	206 times ranked	15308 citing authors

#	Article	IF	Citations
1	ACS Photonics 2022: A Fresh Start. ACS Photonics, 2022, 9, 1-1.	6.6	0
2	Updating the Journal Scope of ACS Photonics. ACS Photonics, 2022, 9, 304-304.	6.6	0
3	Updates to the ACS Photonics Manuscript Categories: Expanding Communication Channels within the Photonics Community. ACS Photonics, 2022, 9, 729-729.	6.6	0
4	Mechanical Squeezing via Unstable Dynamics in a Microcavity. Physical Review Letters, 2022, 128, 143601.	7.8	24
5	A Chemical Nanoreactor Based on a Levitated Nanoparticle in Vacuum. ACS Nano, 2022, 16, 8677-8683.	14.6	7
6	Precision Calibration of the Duffing Oscillator with Phase Control. Physical Review Letters, 2022, 128, .	7.8	4
7	Diffuse optical platform for the personalization of plasmonic photothermal therapy. , 2022, , .		0
8	Strong optomechanical coupling at room temperature by coherent scattering. Nature Communications, 2021, 12, 276.	12.8	35
9	Treatment of Hepatic Fibrosis in Mice Based on Targeted Plasmonic Hyperthermia. ACS Nano, 2021, 15, 7547-7562.	14.6	25
10	Long-range optofluidic control with plasmon heating. Nature Communications, 2021, 12, 2001.	12.8	34
11	In Situ LSPR Sensing of Secreted Insulin in Organ-on-Chip. Biosensors, 2021, 11, 138.	4.7	30
12	Levitodynamics: Levitation and control of microscopic objects in vacuum. Science, 2021, 374, eabg3027.	12.6	142
13	Enhanced Chiral Sensing with Dielectric Nanoresonators. Nano Letters, 2020, 20, 585-591.	9.1	106
14	Extending Vacuum Trapping to Absorbing Objects with Hybrid Paul-Optical Traps. Nano Letters, 2020, 20, 6018-6023.	9.1	20
15	Applications and challenges of thermoplasmonics. Nature Materials, 2020, 19, 946-958.	27.5	277
16	Slow thermo-optomechanical pulsations in suspended one-dimensional photonic crystal nanocavities. Physical Review A, 2020, 102, .	2.5	2
17	Targeted hyperthermia with plasmonic nanoparticles. Frontiers of Nanoscience, 2020, 16, 307-352.	0.6	8
18	Simple experimental procedures to distinguish photothermal from hot-carrier processes in plasmonics. Light: Science and Applications, 2020, 9, 108.	16.6	214

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19	On-Demand Activation of Photochromic Nanoheaters for High Color Purity 3D Printing. Nano Letters, 2020, 20, 3485-3491.	9.1	18
20	Ionic Species Affect the Self-Propulsion of Urease-Powered Micromotors. Research, 2020, 2020, 2424972.	5.7	25
21	Wavefront Shaping by Thermo-Optical Engineering. Optics and Photonics News, 2020, 31, 44.	0.5	0
22	Optomechanics with a levitated nanoparticle. , 2020, , .		0
23	Tunable and free-form planar optics. Nature Photonics, 2019, 13, 649-656.	31.4	66
24	Resolved-Sideband Cooling of a Levitated Nanoparticle in the Presence of Laser Phase Noise. Physical Review Letters, 2019, 123, 153601.	7.8	29
25	Optimal Feedback Cooling of a Charged Levitated Nanoparticle with Adaptive Control. Physical Review Letters, 2019, 122, 223602.	7.8	77
26	Quantification of gold nanoparticle accumulation in tissue by two-photon luminescence microscopy. Nanoscale, 2019, 11, 11331-11339.	5.6	17
27	A light ride to the stars. Nature Photonics, 2019, 13, 227-228.	31.4	3
28	Accurate Mass Measurement of a Levitated Nanomechanical Resonator for Precision Force-Sensing. Nano Letters, 2019, 19, 6711-6715.	9.1	53
29	Unravelling the Role of Electric and Magnetic Dipoles in Biosensing with Si Nanoresonators. ACS Nano, 2019, 13, 4582-4588.	14.6	41
30	Plasmon-Based Biofilm Inhibition on Surgical Implants. Nano Letters, 2019, 19, 2524-2529.	9.1	49
31	Non-invasive and quantitativein vivomonitoring of gold nanoparticle concentration and tissue hemodynamics by hybrid optical spectroscopies. Nanoscale, 2019, 11, 5595-5606.	5.6	5
32	Two-color dark-field (TCDF) microscopy for metal nanoparticle imaging inside cells. Nanoscale, 2018, 10, 4019-4027.	5.6	15
33	Optimum morphology of gold nanorods for light-induced hyperthermia. Nanoscale, 2018, 10, 2632-2638.	5.6	39
34	Electrically Driven Varifocal Silicon Metalens. ACS Photonics, 2018, 5, 4497-4503.	6.6	85
35	Enantiomer-Selective Molecular Sensing Using Racemic Nanoplasmonic Arrays. Nano Letters, 2018, 18, 6279-6285.	9.1	137
36	Motion Control and Optical Interrogation of a Levitating Single Nitrogen Vacancy in Vacuum. Nano Letters, 2018, 18, 3956-3961.	9.1	52

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37	Self-Calibrating On-Chip Localized Surface Plasmon Resonance Sensing for Quantitative and Multiplexed Detection of Cancer Markers in Human Serum. ACS Sensors, 2018, 3, 1376-1384.	7.8	58
38	Overcoming Diffusion-Limited Biosensing by Electrothermoplasmonics. ACS Photonics, 2018, 5, 3673-3679.	6.6	42
39	White and Brightly Colored 3D Printing Based on Resonant Photothermal Sensitizers. Nano Letters, 2018, 18, 6660-6664.	9.1	26
40	Seeing what cannot be seen. , 2018, , .		0
41	In vivo testing of gold nanoparticles using the Caenorhabditis elegans model organism. Acta Biomaterialia, 2017, 53, 598-609.	8.3	46
42	Optically levitated nanoparticle as a model system for stochastic bistable dynamics. Nature Communications, 2017, 8, 15141.	12.8	84
43	On-a-chip Biosensing Based on All-Dielectric Nanoresonators. Nano Letters, 2017, 17, 4421-4426.	9.1	166
44	Plasmonic Waveguide-Integrated Nanowire Laser. Nano Letters, 2017, 17, 747-754.	9.1	80
45	Direct measurement of Kramers turnover with a levitated nanoparticle. Nature Nanotechnology, 2017, 12, 1130-1133.	31.5	102
46	Virtual Issue on Plasmonic-Based Sensing. ACS Photonics, 2017, 4, 2382-2384.	6.6	10
47	Thermoplasmonics. World Scientific Series in Nanoscience and Nanotechnology, 2017, , 379-407.	0.1	4
48	Levitation Nano-Optomechanics. , 2017, , .		0
49	Controlled Interaction of Single Nitrogen Vacancy Centers with Surface Plasmons. Springer Series in Solid-state Sciences, 2017, , 73-95.	0.3	0
50	Cyclic concentrator, carpet cloaks and fisheye lens via transformation plasmonics. Journal of Optics (United Kingdom), 2016, 18, 044023.	2.2	7
51	Trapping and manipulation of individual nanoparticles in a planar Paul trap. Applied Physics Letters, 2016, 109, .	3.3	30
52	Direct Measurement of Photon Recoil from a Levitated Nanoparticle. Physical Review Letters, 2016, 116, 243601.	7.8	239
53	Light-Assisted Solvothermal Chemistry Using Plasmonic Nanoparticles. ACS Omega, 2016, 1, 2-8.	3.5	53
54	Unraveling the optomechanical nature of plasmonic trapping. Light: Science and Applications, 2016, 5, e16092-e16092.	16.6	90

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55	Optomechanical Plasmonic Trapping. , 2016, , .		0
56	Cooling and manipulation of a levitated nanoparticle with an optical fiber trap. Applied Physics Letters, 2015, 107, .	3.3	51
57	Self-induced back-action optical trapping in nanophotonic systems. New Journal of Physics, 2015, 17, 123008.	2.9	67
58	Active Control of Surface Plasmon Waveguides with a Phase Change Material. ACS Photonics, 2015, 2, 669-674.	6.6	104
59	Fast and Transparent Adaptive Lens Based on Plasmonic Heating. ACS Photonics, 2015, 2, 355-360.	6.6	37
60	Coupling of individual quantum emitters to channel plasmons. Nature Communications, 2015, 6, 7883.	12.8	140
61	Transformation Optics of Surface Plasmon Polaritons. Handbook of Surface Science, 2014, 4, 279-307.	0.3	0
62	3D Optical Manipulation of a single 50 nm particle with a scanning evanescent nano-tweezers. , 2014, , .		0
63	Three-dimensional manipulation with scanning near-field optical nanotweezers. Nature Nanotechnology, 2014, 9, 295-299.	31.5	312
64	Dynamic relaxation of a levitated nanoparticle from a non-equilibrium steady state. Nature Nanotechnology, 2014, 9, 358-364.	31.5	151
65	LSPR Chip for Parallel, Rapid, and Sensitive Detection of Cancer Markers in Serum. Nano Letters, 2014, 14, 2636-2641.	9.1	262
66	Deterministic temperature shaping using plasmonic nanoparticle assemblies. Nanoscale, 2014, 6, 8984-8989.	5.6	39
67	Nanoplasmonics for chemistry. Chemical Society Reviews, 2014, 43, 3898.	38.1	578
68	Nonlinear Mode Coupling and Synchronization of a Vacuum-Trapped Nanoparticle. Physical Review Letters, 2014, 112, 103603.	7.8	53
69	Deterministic Optical-Near-Field-Assisted Positioning of Nitrogen-Vacancy Centers. Nano Letters, 2014, 14, 1520-1525.	9.1	49
70	Thermoâ€plasmonics: using metallic nanostructures as nanoâ€sources of heat. Laser and Photonics Reviews, 2013, 7, 171-187.	8.7	1,050
71	Photoinduced Heating of Nanoparticle Arrays. ACS Nano, 2013, 7, 6478-6488.	14.6	351
72	Fast optical modulation of the fluorescence from a single nitrogenâ€“vacancy centre. Nature Physics, 2013, 9, 785-789.	16.7	31

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73	Thermal nonlinearities in a nanomechanical oscillator. Nature Physics, 2013, 9, 806-810.	16.7	230
74	Imaging of Plasmonic Heating in a Living Organism. ACS Nano, 2013, 7, 8666-8672.	14.6	89
75	Observation of nitrogen vacancy photoluminescence from an optically levitated nanodiamond. Optics Letters, 2013, 38, 2976.	3.3	81
76	Mirror-Image-Induced Magnetic Modes. ACS Nano, 2013, 7, 664-668.	14.6	61
77	Three-dimensional optical manipulation of a single electron spin. Nature Nanotechnology, 2013, 8, 175-179.	31.5	127
78	Cloaking Liquid Surface Waves and Plasmon Polaritons. Springer Series in Materials Science, 2013, , 267-288.	0.6	0
79	Multipolar radiation of quantum emitters with nanowire optical antennas. Nature Communications, 2013, 4, 1750.	12.8	148
80	Plasmon-Assisted Delivery of Single Nano-Objects in an Optical Hot Spot. Nano Letters, 2013, 13, 4299-4304.	9.1	52
81	Taming light-matter interaction on the nanoscale. , 2013, , .		0
82	A Study of Optically Levitated NV Centers. , 2013, , .		0
83	Optically Levitated Nanoparticles for Sensing Applications. , 2013, , .		3
84	Plasmon-Assisted Optofluidics. , 2013, , .		0
85	Performance of electro-optical plasmonic ring resonators at telecom wavelengths. Optics Express, 2012, 20, 2354.	3.4	52
86	Quantitative absorption spectroscopy of nano-objects. Physical Review B, 2012, 86, .	3.2	26
87	Plasmonic tweezersâ€"The strength of surface plasmons. MRS Bulletin, 2012, 37, 739-744.	3.5	24
88	Multipolar and Unidirectional Emission of Quantum Emitters Coupled to Optical Antennas. , 2012, , .		0
89	Excitation Enhancement of a Quantum Dot Coupled to a Plasmonic Antenna. Advanced Materials, 2012, 24, OP314-20.	21.0	72
90	Subkelvin Parametric Feedback Cooling of a Laser-Trapped Nanoparticle. Physical Review Letters, 2012, 109, 103603.	7.8	461

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91	Engineering Through Mode Shaping and Lithographical Nanofabrication of Ultrasensitive Nano-plasmonic Sensors for Molecular Detection. , 2012, , 267-287.		1
92	Above-threshold ionization by few-cycle spatially inhomogeneous fields. Physical Review A, 2012, 86, .	2.5	41
93	Enhanced Optical Trapping and Arrangement of Nano-Objects in a Plasmonic Nanocavity. Nano Letters, 2012, 12, 125-132.	9.1	168
94	Enhancement of high harmonic generation by confining electron motion in plasmonic nanostrutures. Optics Express, 2012, 20, 26261.	3.4	126
95	Near-Field Mapping of Plasmonic Antennas by Multiphoton Absorption in Poly(methyl methacrylate). Nano Letters, 2012, 12, 4864-4868.	9.1	42
96	Optical and Thermal Properties of Gold Nanoparticles for Biology and Medicine. , 2012, , 273-298.		0
97	High-order-harmonic generation from inhomogeneous fields. Physical Review A, 2012, 85, .	2.5	143
98	Transformation plasmonics. Nanophotonics, 2012, 1, 51-64.	6.0	39
99	Enhancing the Nonlinear Optical Response Using Multifrequency Gold-Nanowire Antennas. Physical Review Letters, 2012, 108, 217403.	7.8	154
100	Plasmonic Nanoparticle Networks for Light and Heat Concentration. ACS Nano, 2012, 6, 3434-3440.	14.6	82
101	Mapping Intracellular Temperature Using Green Fluorescent Protein. Nano Letters, 2012, 12, 2107-2111.	9.1	370
102	Plasmon Nano-Optics: Designing Novel Nano-Tools for Biology and Medicine. Springer Series in Optical Sciences, 2012, , 201-222.	0.7	1
103	Nanobiosensors for In Vitro and In Vivo Analysis of Biomolecules. Methods in Molecular Biology, 2012, 811, 207-221.	0.9	1
104	Sub-Kelvin Parametric Feedback Cooling of a Laser-Trapped Nanoparticle. , 2012, , .		0
105	Optically levitating dielectrics in the quantum regime: Theory and protocols. Physical Review A, 2011, 83, .	2.5	187
106	Plasmon-Assisted Optofluidics. ACS Nano, 2011, 5, 5457-5462.	14.6	292
107	Enhanced nonlinear response from metal surfaces. Optics Express, 2011, 19, 1777.	3.4	54
108	Fractal plasmonics: subdiffraction focusing and broadband spectral response by a Sierpinski nanocarpet. Optics Express, 2011, 19, 3612.	3.4	87

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109	Optically-programmable nonlinear photonic component for dielectric-loaded plasmonic circuitry. Optics Express, 2011, 19, 25222.	3.4	34
110	Focus issue introduction: nanoplasmonics and metamaterials. Optical Materials Express, 2011, 1, 1139.	3.0	1
111	Plasmon nano-optical tweezers. Nature Photonics, 2011, 5, 349-356.	31.4	1,247
112	Nonlinear plasmonics at planar metal surfaces. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3497-3509.	3.4	25
113	Experimental demonstration of dielectric-loaded plasmonic waveguide disk resonators at telecom wavelengths. Applied Physics Letters, 2011, 98, 161102.	3.3	30
114	On-a-chip surface plasmon tweezers. Applied Physics Letters, 2011, 99, .	3.3	34
115	Nonlinear Optical Response of Nanoantennas. , 2011, , .		0
116	Unidirectional Emission of a Quantum Dot Coupled to a Nanoantenna. Science, 2010, 329, 930-933.	12.6	1,262
117	Deterministic Subwavelength Control of Light Confinement in Nanostructures. Physical Review Letters, 2010, 105, 216802.	7.8	44
118	Direct Growth of Optical Antennas Using E-Beam-Induced Gold Deposition. Plasmonics, 2010, 5, 135-139.	3.4	24
119	Plasmons offer a helping hand. Nature Nanotechnology, 2010, 5, 762-763.	31.5	28
120	Fiber-Coupled Surface Plasmon Polariton Excitation in Imprinted Dielectric-Loaded Waveguides. International Journal of Optics, 2010, 2010, 1-6.	1.4	2
121	Publisherâ€™s Note: Surface-Enhanced Nonlinear Four-Wave Mixing [Phys. Rev. Lett.104, 046803 (2010)]. Physical Review Letters, 2010, 104, .	7.8	7
122	Mapping Heat Origin in Plasmonic Structures. Physical Review Letters, 2010, 104, 136805.	7.8	256
123	Thermoplasmonics modeling: A Greenâ€™s function approach. Physical Review B, 2010, 82, .	3.2	146
124	Nanoscale Control of Optical Heating in Complex Plasmonic Systems. ACS Nano, 2010, 4, 709-716.	14.6	621
125	Nonlinear Dark-Field Microscopy. Nano Letters, 2010, 10, 5076-5079.	9.1	62
126	Charge distribution induced inside complex plasmonic nanoparticles. Optics Express, 2010, 18, 3035.	3.4	44

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127	Design and properties of dielectric surface plasmon Bragg mirrors. Optics Express, 2010, 18, 14496.	3.4	92
128	Hidden progress: broadband plasmonic invisibility. Optics Express, 2010, 18, 15757.	3.4	72
129	Surface-Enhanced Nonlinear Four-Wave Mixing. Physical Review Letters, 2010, 104, 046803.	7.8	201
130	Extraordinary All-Dielectric Light Enhancement over Large Volumes. Nano Letters, 2010, 10, 4450-4455.	9.1	30
131	Toward quantum superposition of living organisms. New Journal of Physics, 2010, 12, 033015.	2.9	366
132	Self-induced back-action optical trapping of dielectric nanoparticles. Nature Physics, 2009, 5, 915-919.	16.7	481
133	Temperature mapping near plasmonic nanostructures using fluorescence polarization anisotropy. Optics Express, 2009, 17, 3291.	3.4	157
134	Local observation of plasmon focusingâ€¨in Talbot carpets. Optics Express, 2009, 17, 23772.	3.4	36
135	Plasmon Near-Field Coupling in Metal Dimers as a Step toward Single-Molecule Sensing. ACS Nano, 2009, 3, 1231-1237.	14.6	325
136	Free-Space Excitation of Propagating Surface Plasmon Polaritons by Nonlinear Four-Wave Mixing. Physical Review Letters, 2009, 103, 266802.	7.8	88
137	Nano-optical Trapping of Rayleigh Particles and Escherichia coli Bacteria with Resonant Optical Antennas. Nano Letters, 2009, 9, 3387-3391.	9.1	326
138	Controlling the Optical Near Field of Nanoantennas with Spatial Phase-Shaped Beams. Nano Letters, 2009, 9, 3608-3611.	9.1	95
139	Optical aggregation of metal nanoparticles in a microfluidic channel for surface-enhanced Raman scattering analysis. Lab on A Chip, 2009, 9, 193-195.	6.0	118
140	Surface plasmons for micro- and nano-optical manipulation. , 2009, , .		0
141	Heat generation in plasmonic nanostructures: Influence of morphology. Applied Physics Letters, 2009, 94, .	3.3	463
142	Colloidal-based localized surface plasmon resonance (LSPR) biosensor for the quantitative determination of stanozolol. Analytical and Bioanalytical Chemistry, 2008, 391, 1813-1820.	3.7	61
143	Surfaceâ€plasmonâ€based optical manipulation. Laser and Photonics Reviews, 2008, 2, 47-57.	8.7	112
144	Individual gold dimers investigated by far- and near-field imaging. Journal of Microscopy, 2008, 229, 254-258.	1.8	19

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145	Shaping and manipulation of light fields with bottom-up plasmonic structures. New Journal of Physics, 2008, 10, 105016.	2.9	56
146	Spectroscopic Mode Mapping of Resonant Plasmon Nanoantennas. Physical Review Letters, 2008, 101, 116805.	7.8	332
147	Dielectric-loaded surface plasmon polariton waveguides: Figures of merit and mode characterization by image and Fourier plane leakage microscopy. Physical Review B, 2008, 78, .	3.2	110
148	Detection of plasmon-enhanced luminescence fields from an optically manipulated pair of partially metal covered dielectric spheres. Optics Letters, 2008, 33, 2749.	3.3	18
149	The strength of surface plasmons. , 2008, , .		0
150	Localized surface plasmon resonance effects on the magneto-optical activity of continuous Au/Co/Au trilayers. Optics Express, 2008, 16, 16104.	3.4	92
151	Channeling light along a chain of near-field coupled gold nanoparticles near a metallic film. Optics Express, 2008, 16, 22029.	3.4	24
152	Surface Plasmon Optical Tweezers: Tunable Optical Manipulation in the Femtonewton Range. Physical Review Letters, 2008, 100, 186804.	7.8	235
153	Light-induced manipulation with surface plasmons. Journal of Optics, 2008, 10, 093001.	1.5	40
154	Spectroscopic TPL imaging of gold nano-antennas. , 2008, , .		0
155	Dielectric surface plasmon Bragg mirrors: theory, design, and properties. Proceedings of SPIE, 2008, , .	0.8	1
156	Surface plasmon optics for enhanced light-matter interaction. , 2008, , .		1
157	Mode mapping of plasmonic stars using TPL microscopy. New Journal of Physics, 2008, 10, 105013.	2.9	11
158	Probing the local field of nanoantennas using single particle luminescence. Journal of Physics: Conference Series, 2008, 100, 052038.	0.4	3
159	Revisiting optical manipulation with surface plasmons. , 2008, , .		0
160	Study of the angular acceptance of surface plasmon Bragg mirrors. , 2007, , .		1
161	Cavity resonances in finite plasmonic chains. Applied Physics Letters, 2007, 90, 041109.	3.3	14
162	Parallel and selective trapping in a patterned plasmonic landscape. , 2007, , .		9

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163	Plasmon-based optical manipulation. , 2007, , .		0
164	Enhanced optical forces between coupled resonant metal nanoparticles. Optics Letters, 2007, 32, 1156.	3.3	107
165	Analysis of the angular acceptance of surface plasmon Bragg mirrors. Optics Letters, 2007, 32, 2704.	3.3	25
166	Coupling localized and extended plasmons to improve the light extraction through metal films. Optics Express, 2007, 15, 10533.	3.4	70
167	Multiple trapping in a patterned plasmonic landscape. , 2007, , .		1
168	Growth of plasmonic gold nanostructures by electron beam induced deposition. Applied Physics Letters, 2007, 91, 121112.	3.3	50
169	Polymer-metal waveguides characterization by Fourier plane leakage radiation microscopy. Applied Physics Letters, 2007, 91, 243102.	3.3	76
170	InGaN green light emitting diodes with deposited nanoparticles. Photonics and Nanostructures - Fundamentals and Applications, 2007, 5, 86-90.	2.0	23
171	Parallel and selective trapping in a patterned plasmonic landscape. Nature Physics, 2007, 3, 477-480.	16.7	455
172	Optical manipulation of plasmonic nanoparticles. Applied Physics A: Materials Science and Processing, 2007, 89, 233-239.	2.3	20
173	Surface plasmon-based optical manipulation: towards ultra gentle nano-tweezers. , 2007, , .		0
174	Extended organization of colloidal microparticles by surface plasmon polariton excitation. Physical Review B, 2006, 73, .	3.2	180
175	Surface Plasmon Radiation Forces. Physical Review Letters, 2006, 96, 238101.	7.8	259
176	Tunable optical sorting and manipulation of nanoparticles via plasmon excitation. Optics Letters, 2006, 31, 2054.	3.3	48
177	Two-photon photoluminescence spectroscopy of metal dimers. , 2006, , .		1
178	Quantitative detection of doping substances by a localised surface plasmon sensor. Biosensors and Bioelectronics, 2006, 21, 1345-1349.	10.1	45
179	Local Field Spectroscopy of Metal Dimers by TPL Microscopy. Plasmonics, 2006, 1, 41-44.	3.4	23
180	Electromagnetic coupling between localized and surface plasmons. , 2006, , .		0

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181	Local field spectroscopy of metal dimers by two-photon photoluminescence microscopy. , 2006, , .		0
182	Plasmon-based nano-lenses. , 2005, , .		0
183	Measurement of radiation forces generated by plasmon fields. , 2005, 5930, 362.		0
184	Optical sensing based on localized surface plasmons. , 2005, , .		0
185	Trapping with local evanescent light fields. , 2005, 5930, 454.		1
186	Radiation forces on a Rayleigh dielectric sphere in a patterned optical near field. Optics Letters, 2005, 30, 1009.	3.3	94
187	Cumulative plasmon field enhancement in finite metal particle chains. Optics Letters, 2005, 30, 1882.	3.3	49
188	Electromagnetic coupling between a metal nanoparticle grating and a metallic surface. Optics Letters, 2005, 30, 3404.	3.3	151
189	Optical forces on a Rayleigh dielectric particle in a patterned near-field landscape. , 2005, , .		0
190	Addressing and imaging microring resonators with optical evanescent light. Physical Review B, 2004, 69, .	3.2	10
191	Frustrated energy transport through micro-waveguides decorated by gold nanoparticle chains. Europhysics Letters, 2004, 66, 785-791.	2.0	8
192	Pentacene thin-film transistors with polymeric gate dielectric. Organic Electronics, 2004, 5, 67-71.	2.6	125
193	Modelling resonant coupling between microring resonators addressed by optical evanescent waves. Nanotechnology, 2004, 15, 1200-1210.	2.6	8
194	Tailoring the transmittance of integrated optical waveguides with short metallic nanoparticle chains. Physical Review B, 2004, 69, .	3.2	68
195	Sub-wavelength patterning of the optical near-field. Optics Express, 2004, 12, 282.	3.4	17
196	Optical sensing based on plasmon coupling in nanoparticle arrays. Optics Express, 2004, 12, 3422.	3.4	196
197	Near-field optical transmittance of metal particle chain waveguides. Optics Express, 2004, 12, 6141.	3.4	68
198	Generation of sub-wavelength traps in the optical near field. , 2004, , .		0

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199	Spatially resolved photonic transfer through mesoscopic heterowires. Physical Review E, 2002, 65, 036616.	2.1	20
200	Imaging the Local Density of States of Optical Corrals. Physical Review Letters, 2002, 88, 097402.	7.8	145
201	SUBWAVELENGTH OPTICAL DEVICES FOR NANOMETER SCALE APPLICATIONS. International Journal of Nanoscience, 2002, 01, 63-78.	0.7	4
202	Near-field observation of evanescent light wave coupling in subwavelength optical waveguides. Europhysics Letters, 2002, 57, 191-197.	2.0	27
203	Simultaneous observation of light localization and confinement in near-field optics. Europhysics Letters, 2001, 56, 517-522.	2.0	5
204	Addressing and imaging high optical index dielectric ridges in the optical near field. Physical Review E, 2001, 64, 066607.	2.1	16