Remi Carminati

List of Publications by Year
in descending order

189 papers	10,895 citations	61857 43 h-index	30010 103 g-index
192 all docs	192 docs citations	192 times ranked	6874 citing authors

#	Article	IF	Citations
1	Purcell effect with extended sources: the role of the cross density of states. Optics Express, 2022, 30, 16174.	1.7	4
2	Quantitative Temperature Measurements in Gold Nanorods Using Digital Holography. ACS Applied Materials & Interfaces, 2021, 13, 10313-10320.	4.0	6
3	Universal Statistics of Waves in a Random Time-Varying Medium. Physical Review Letters, 2021, 127, 094101.	2.9	18
4	Quantitative Measurement of the Thermal Contact Resistance between a Glass Microsphere and a Plate. Physical Review Applied, 2021, 15, .	1.5	3
5	Blind Ghost Imaging. , 2021, , .		0
6	Intensity-dependent speckle correlation in a disordered, second-order nonlinear medium. , 2021, , .		0
7	Origin of transparency in scattering biomimetic collagen materials. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11947-11953.	3.3	13
8	Absorption of scalar waves in correlated disordered media and its maximization using stealth hyperuniformity. Physical Review A, 2020, 101, .	1.0	19
9	Single scattering of polarized light by correlated surface and volume disorder. Physical Review A, 2020, 101, .	1.0	4
10	Influence of the Local Scattering Environment on the Localization Precision of Single Particles. Physical Review Letters, 2020, 124, 133903.	2.9	18
11	A model for full-field optical coherence tomography in scattering media. , 2020, , .		0
12	Perfect depolarization in single scattering of light from uncorrelated surface and volume disorder. Optics Letters, 2020, 45, 6354.	1.7	1
13	Cross density of states and mode connectivity: Probing wave localization in complex media. Physical Review A, 2019, 99, .	1.0	7
14	Terahertz and Visible Probing of Particles Suspended in Air. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 120-125.	2.0	3
15	Optimizing Light Storage in Scattering Media with the Dwell-Time Operator. Physical Review Letters, 2019, 123, 243901.	2.9	23
16	Quantum dipole emitters in structured environments: a scattering approach: tutorial. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 186.	0.8	17
17	Modeling of full-field optical coherence tomography in scattering media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, C122.	0.8	10
18	Enhanced absorption of waves in stealth hyperuniform disordered media. Optics Express, 2019, 27, 8666.	1.7	32

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19	Blind ghost imaging. Optica, 2019, 6, 460.	4.8	46
20	Near-Field Scanning Optical Microscope Combined with Digital Holography for Three-Dimensional Electromagnetic Field Reconstruction. Biological and Medical Physics Series, 2019, , 113-136.	0.3	1
21	One-Shot Measurement of the Three-Dimensional Electromagnetic Field Scattered by a Subwavelength Aperture Tip Coupled to the Environment. ACS Photonics, 2018, 5, 1539-1545.	3.2	3
22	Mutual Information between Reflected and Transmitted Speckle Images. Physical Review Letters, 2018, 120, 073901.	2.9	15
23	Modeling of an active terahertz imaging system in brownout conditions. Applied Optics, 2018, 57, 6017.	0.9	3
24	Non-Gaussian Correlations between Reflected and Transmitted Intensity Patterns Emerging from Opaque Disordered Media. Physical Review X, 2018, 8, .	2.8	16
25	Photon echoes in strongly scattering media: A diagrammatic approach. Physical Review A, 2018, 97, .	1.0	2
26	When the Structure Becomes Insignificant: Invariance of the Mean Path Length in Light-Scattering Media. , 2018, , .		0
27	Temperature of a nanoparticle above a substrate under radiative heating and cooling. Physical Review B, 2017, 95, .	1.1	9
28	Correlated blinking of fluorescent emitters mediated by single plasmons. Physical Review A, 2017, 95, .	1.0	14
29	Causality, Nonlocality, and Negative Refraction. Physical Review Letters, 2017, 118, 134301.	2.9	23
30	Optimizing Hyperuniformity in Self-Assembled Bidisperse Emulsions. Physical Review Letters, 2017, 119, 208001.	2.9	34
31	Observation of mean path length invariance in light-scattering media. Science, 2017, 358, 765-768.	6.0	64
32	Spatial correlations of the spontaneous decay rate as a probe of dense and correlated disordered materials. European Physical Journal: Special Topics, 2017, 226, 1423-1432.	1.2	1
33	Near-field Studies of Thermal Radiation and Local Density of States. , 2017, , .		0
34	Structure and dynamics of multicellular assemblies measured by coherent light scattering. New Journal of Physics, 2017, 19, 073033.	1.2	8
35	Multiple scattering of polarized light in disordered media exhibiting short-range structural correlations. Physical Review A, 2016, 94, .	1.0	13
36	Quantum coherence of light emitted by two single-photon sources in a structured environment. Physical Review A, 2016, 93, .	1.0	4

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37	Long-Range Plasmon-Assisted Energy Transfer between Fluorescent Emitters. Physical Review Letters, 2016, 116, 037401.	2.9	42
38	High-density hyperuniform materials can be transparent. Optica, 2016, 3, 763.	4.8	139
39	Near-field to far-field characterization of speckle patterns generated by disordered nanomaterials. Optics Express, 2016, 24, 7019.	1.7	18
40	Thermal emission by a subwavelength aperture. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 173, 1-6.	1.1	3
41	Intensity correlations between reflected and transmitted speckle patterns. Physical Review A, 2015, 92, .	1.0	24
42	Breakthroughs in Photonics 2014: Random Lasers. IEEE Photonics Journal, 2015, 7, 1-7.	1.0	3
43	Mapping the Radiative and the Apparent Nonradiative Local Density of States in the Near Field of a Metallic Nanoantenna. ACS Photonics, 2015, 2, 189-193.	3.2	35
44	Electromagnetic density of states in complex plasmonic systems. Surface Science Reports, 2015, 70, 1-41.	3.8	151
45	Speckle fluctuations resolve the interdistance between incoherent point sources in complex media. Physical Review A, 2015, 91, .	1.0	14
46	Linear and nonlinear Rabi oscillations of a two-level system resonantly coupled to an Anderson-localized mode. Physical Review A, 2015, 91, .	1.0	3
47	Electromagnetic field correlations in three-dimensional speckles. Physics Reports, 2015, 559, 1-29.	10.3	39
48	Local control of the excitation of surface plasmon polaritons by near-field magneto-optical Kerr effect. Physical Review B, 2014, 90, .	1.1	3
49	Fluorescent Scanning Near-Field Probe Maps the Radiative and Non-Radiative Local Density of Optical States at the Nanometer Scale. , 2014, , .		0
50	Analysis of coherence properties of partially polarized light in 3D and application to disordered media. Optics Letters, 2014, 39, 2362.	1.7	5
51	Modal representation of spatial coherence in dissipative and resonant photonic systems. Physical Review A, 2014, 89, .	1.0	33
52	Invariance property of wave scattering through disordered media. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17765-17770.	3.3	50
53	Polarization and spatial coherence of electromagnetic waves in uncorrelated disordered media. Physical Review A, 2014, 89, .	1.0	23
54	Probing two-dimensional Anderson localization without statistics. Physical Review A, 2014, 90, .	1.0	12

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55	Mapping and Quantifying Electric and Magnetic Dipole Luminescence at the Nanoscale. Physical Review Letters, 2014, 113, 076101.	2.9	80
56	Image transmission through a scattering medium: Inverse problem and sparsity-based imaging. , 2014, , .		0
57	Magneto-optical Kerr effect in resonant subwavelength nanowire gratings. New Journal of Physics, 2014, 16, 015007.	1.2	27
58	Strong Coupling to Two-Dimensional Anderson Localized Modes. Physical Review Letters, 2013, 111, 053901.	2.9	34
59	Spatial Coherence in Complex Photonic and Plasmonic Systems. Physical Review Letters, 2013, 110, 063903.	2.9	68
60	A probe for graphene electronics. Nature Nanotechnology, 2013, 8, 802-803.	15.6	2
61	Subwavelength focusing inside an open disordered medium by time reversal at a single point antenna. Physical Review A, 2013, 87, .	1.0	24
62	Recovering fluorophore location and orientation from lifetimes. Optics Express, 2013, 21, 421.	1.7	1
63	Towards a full characterization of a plasmonic nanostructure with a fluorescent near-field probe. Optics Express, 2013, 21, 11536.	1.7	30
64	Extraordinary magnetoplasmonic effect in SPP-MOKE configuration. , 2013, , .		0
65	Transmission matrix approach to information transfer through complex Media. , 2013, , .		0
66	Time-domain radiation and absorption by subwavelength sources. Europhysics Letters, 2012, 97, 34001.	0.7	2
67	Dressed polarizability and absorption of a dipole nano-antenna in an arbitrary environment. , 2012, , .		0
68	Source location from fluorescence lifetime in disordered media. Optics Letters, 2012, 37, 951.	1.7	5
69	Distance dependence of the local density of states in the near field of a disordered plasmonic film. Optics Letters, 2012, 37, 3006.	1.7	20
70	Light scattering by a magneto-optical nanoparticle in front of a flat surface: Perturbative approach. Physical Review B, 2012, 85, .	1.1	6
71	Radiative and non-radiative local density of states on disordered plasmonic films. Photonics and Nanostructures - Fundamentals and Applications, 2012, 10, 339-344.	1.0	13
72	Absorption by an Optical Dipole Antenna in a Structured Environment. International Journal of Optics, 2012, 2012, 1-8.	0.6	18

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73	A Nanoscale Probe of the Local Density of States in Plasmonic Systems. , 2012, , .		0
74	Long-Tail Statistics of the Purcell Factor in Disordered Media Driven by Near-Field Interactions. Physical Review Letters, 2011, 106, 163902.	2.9	59
75	Cramer-Rao analysis of steady-state and time-domain fluorescence diffuse optical imaging. Biomedical Optics Express, 2011, 2, 1626.	1.5	5
76	Magneto-optical control of FÃ¶rster energy transfer. Physical Review B, 2011, 83, .	1.1	32
77	Near-field correlations and fluctuations in multiple scattering of light. , 2011, , .		0
78	Imaging through an opaque material. , 2011, , .		0
79	Luminescence diffuse optical tomography on a reflectance imaging set-up. , 2011, , .		0
80	Near-field interactions and fluctuations of the local density of states in a strongly scattering environment. , 2010, , .		0
81	Magneto-optical control of Foì`rster energy transfer. , 2010, , .		1
82	Theory of infrared nanospectroscopy by photothermal induced resonance. Journal of Applied Physics, 2010, 107, .	1.1	260
83	Spontaneous decay rate of a dipole emitter in a strongly scattering disordered environment. Physical Review A, 2010, 81, .	1.0	28
84	Measuring and Exploiting the Transmission Matrix in Optics. , 2010, , .		0
85	Control of the fluorescence features of a dipole emitter with coupled plasmonic modes. , 2010, , .		0
86	Subwavelength spatial correlations in near-field speckle patterns. Physical Review A, 2010, 81, .	1.0	28
87	Controlling the quantum yield of a dipole emitter with coupled plasmonic modes. Physical Review B, 2010, 81, .	1.1	33
88	Measuring the Transmission Matrix in Optics: An Approach to the Study and Control of Light Propagation in Disordered Media. Physical Review Letters, 2010, 104, 100601.	2.9	1,283
89	Radiative corrections to the polarizability tensor of an electrically small anisotropic dielectric particle. Optics Express, 2010, 18, 3556.	1.7	122
90	Fluorescence quenching by a metal nanoparticle in the extreme near-field regime. Optics Letters, 2010, 35, 291.	1.7	45

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91	Fluctuations of the Local Density of States Probe Localized Surface Plasmons on Disordered Metal Films. Physical Review Letters, 2010, 105, 183901.	2.9	142
92	Near-field interactions and nonuniversality in speckle patterns produced by a point source in a disordered medium. Physical Review A, 2010, 82, .	1.0	34
93	Towards a random laser with cold atoms. Journal of Optics (United Kingdom), 2010, 12, 024002.	1.0	30
94	Light emission, local density of states and C0speckle correlation in strongly scattering media. , 2010, , .		0
95	Density of States and Extinction Mean Free Path of Waves in Random Media: Dispersion Relations and Sum Rules. Physical Review Letters, 2009, 102, 093902.	2.9	22
96	Threshold of a Random Laser with Cold Atoms. Physical Review Letters, 2009, 102, 173903.	2.9	43
97	Fluorescence signal of a single emitter coupled to a nanoparticle through a plasmonic film. Journal of Optics, 2009, 11, 114007.	1.5	13
98	Single molecule fluorescence quenching by metallic nanoparticles: crossover between macroscopic and microscopic interactions. , 2009, , .		0
99	Lifetime fluctuations of a single emitter in a disordered nanoscopic system: The influence of the transition dipole orientation. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1258-1265.	0.8	18
100	The influence of the scattering anisotropy parameter on diffuse reflection of light. Optics Communications, 2008, 281, 18-22.	1.0	7
101	Analysis of the depth resolution limit of luminescence diffuse optical imaging. Optics Letters, 2008, 33, 2290.	1.7	13
102	Controlling the fluorescence lifetime of a single emitter on the nanoscale using a plasmonic superlens. Physical Review B, 2008, 78, .	1.1	11
103	Sensitivity analysis of fluorescence signals for diffuse optical imaging of small animals. , 2008, , .		0
104	Influence of scattering anisotropy on reflected diffuse light probed by diffusing-wave spectroscopy. , 2007, , .		0
105	Anisotropic Polarized Emission of a Doped Silicon Lamellar Grating. Journal of Heat Transfer, 2007, 129, 11-16.	1.2	32
106	Fluorescence decay rate statistics of a single molecule in a disordered cluster of nanoparticles. Physical Review A, 2007, 76, .	1.0	35
107	Optical resonances in one-dimensional dielectric nanorod arrays: field-induced fluorescence enhancement. Optics Letters, 2007, 32, 2762.	1.7	37
108	Theory of the time reversal cavity for electromagnetic fields. Optics Letters, 2007, 32, 3107.	1.7	105

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109	Light propagation in multilayered scattering media beyond the diffusive regime. Applied Optics, 2007, 46, 2528.	2.1	12
110	Probing the transverse magneto-optical Kerr effect at the nanoscale. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 1956-1961.	0.8	1
111	Threshold of random lasers in the incoherent transport regime. Physical Review A, 2007, 76, .	1.0	23
112	Speckle Pattern in the Near Field. Nanostructure Science and Technology, 2007, , 409-433.	0.1	1
113	Statistical Properties of Single Molecule Fluorescence in Disordered Media. , 2007, , .		0
114	Single Molecule Fluorescence Lifetime Control Through Slabs of Metallic and Negative-Index Materials. , 2007, , .		0
115	Coherent Thermal Antenna Using a Photonic Crystal Slab. Physical Review Letters, 2006, 96, 123903.	2.9	100
116	Near-field thermophotovoltaic energy conversion. Journal of Applied Physics, 2006, 100, 063704.	1.1	315
117	Photon diffusion coefficient in scattering and absorbing media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2006, 23, 1106.	0.8	40
118	Ã‰mission thermique cohÃ©rente par excitation de plasmons de surface sur un Ã©chantillon en tungstÃ¨ne. European Physical Journal Special Topics, 2006, 135, 127-128.	0.2	0
119	Diffusing-wave spectroscopy beyond the diffusive regime: the influence of short light paths and anisotropic scattering. , 2006, 6191, 298.		0
120	Thermal radiation scanning tunnelling microscopy. Nature, 2006, 444, 740-743.	13.7	449
121	Radiative and non-radiative decay of a single molecule close to a metallic nanoparticle. Optics Communications, 2006, 261, 368-375.	1.0	361
122	Infrared antenna using a photonic crystal slab. , 2006, , .		0
123	Threshold of random lasers with incoherent feedback. , 2006, , .		0
124	Photon diffusion coefficient in absorbing random media. , 2006, , .		0
125	Tailoring silicon radiative properties. Optics Communications, 2005, 250, 316-320.	1.0	32
126	Surface electromagnetic waves thermally excited: Radiative heat transfer, coherence properties and Casimir forces revisited in the near field. Surface Science Reports, 2005, 57, 59-112.	3.8	787

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127	Spatial and Temporal Coherence in a Random Medium : Transition between Ballistic to Diffusive Regime. , 2005, , FThC2.		0
128	Resonant optical transmission through a photonic crystal in the forbidden gap. Physical Review B, 2005, 71, .	1.1	11
129	Coherent thermal emission mediated by surface plasmons on a tungsten surface. , 2005, , .		0
130	Beyond the diffusing-wave spectroscopy model. , 2005, , .		0
131	Spatial coherence of a light beam in a turbid medium. , 2005, , .		0
132	Spatial coherence in strongly scattering media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 2329.	0.8	18
133	Highly directional radiation generated by a tungsten thermal source. Optics Letters, 2005, 30, 2623.	1.7	143
134	Radiative and non-radiative coupling between a molecule and a metallic tip. European Physical Journal Special Topics, 2004, 119, 281-282.	0.2	0
135	Resonant transmission of light in the infrared by SiC gratings supporting phonon polaritons. European Physical Journal Special Topics, 2004, 119, 229-230.	0.2	0
136	Engineering infrared emission properties of silicon in the near field and the far field. Optics Communications, 2004, 237, 379-388.	1.0	76
137	Single-molecule spontaneous emission close to absorbing nanostructures. Applied Physics Letters, 2004, 85, 3863-3865.	1.5	199
138	Beyond the Diffusing-Wave Spectroscopy Model for the Temporal Fluctuations of Scattered Light. Physical Review Letters, 2004, 92, 213903.	2.9	36
139	Influence of microroughness on emissivity. Journal of Applied Physics, 2004, 96, 2656-2664.	1.1	81
140	Diffusive-to-ballistic transition in dynamic light transmission through thin scattering slabs: a radiative transfer approach. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 1430.	0.8	58
141	Coherent spontaneous emission of light by thermal sources. Physical Review B, 2004, 69, .	1.1	144
142	THERMAL RESPONSE OF SILICON CRYSTAL TO PICO-FEMTOSECOND HEAT PULSE BY MOLECULAR DYNAMICS. Microscale Thermophysical Engineering, 2004, 8, 155-167.	1.2	3
143	Ã‰mission spontanÃ©e cohÃ©rente de lumiÃ¨re. European Physical Journal Special Topics, 2004, 119, 35-41.	0.2	0
144	Coherent Spontaneous Emission of Light Due to Surface Waves. , 2003, , 163-182.		7

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145	Definition of the diffusion coefficient in scattering and absorbing media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 678.	0.8	25
146	Definition and measurement of the local density of electromagnetic states close to an interface. Physical Review B, 2003, 68, .	1.1	318
147	Theory of near-field magneto-optical imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2002, 19, 572.	0.8	17
148	ENHANCED RADIATIVE HEAT TRANSFER AT NANOMETRIC DISTANCES. Microscale Thermophysical Engineering, 2002, 6, 209-222.	1.2	307
149	Nanoscale radiative heating of a sample with a probe. Journal of Magnetism and Magnetic Materials, 2002, 249, 462-465.	1.0	2
150	Coherent emission of light by thermal sources. Nature, 2002, 416, 61-64.	13.7	1,179
151	Transfert radiatif entre une petite particule et un diÃ©lectrique: application au chauffage local. European Physical Journal Special Topics, 2002, 12, 291-292.	0.2	0
152	Comment on â€œRadiative transfer over small distances from a heated metalâ€• Optics Letters, 2001, 26, 480.	1.7	7
153	Nanoscale radiative heat transfer between a small particle and a plane surface. Applied Physics Letters, 2001, 78, 2931-2933.	1.5	211
154	Tip-shape effects on electrostatic force microscopy resolution. Nanotechnology, 2001, 12, 496-499.	1.3	53
155	Influence of tip modulation on image formation in scanning near-field optical microscopy. Journal of Applied Physics, 2001, 89, 5159-5169.	1.1	55
156	Kirchhoff approximation for diffusive waves. Physical Review E, 2001, 64, 051917.	0.8	48
157	Spatial coherence of thermal near fields. Optics Communications, 2000, 186, 57-67.	1.0	103
158	Theory of electromagnetic field imaging and spectroscopy in scanning near-field optical microscopy. Journal of Applied Physics, 2000, 88, 4845.	1.1	65
159	Scattering of a diffusive wave by a subsurface object. Journal of Applied Physics, 2000, 87, 7638-7646.	1.1	10
160	Near-Field Spectral Effects due to Electromagnetic Surface Excitations. Physical Review Letters, 2000, 85, 1548-1551.	2.9	291
161	Reciprocity, unitarity, and time-reversal symmetry of theSmatrix of fields containing evanescent components. Physical Review A, 2000, 62, .	1.0	83
162	Theory of electrostatic probe microscopy: A simple perturbative approach. Applied Physics Letters, 2000, 76, 2955-2957.	1.5	56

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163	Near-field optical spectroscopy using an incoherent light source. Applied Physics Letters, 2000, 76, 397-399.	1.5	42
164	Scattering Theory of Bardeen's Formalism for Tunneling: New Approach to Near-Field Microscopy. Physical Review Letters, 2000, 84, 5156-5159.	2.9	30
165	Optical contrast, topographic contrast and artifacts in illumination-mode scanning near-field optical microscopy. Journal of Applied Physics, 1999, 86, 648-656.	1.1	25
166	Near-Field Effects in Spatial Coherence of Thermal Sources. Physical Review Letters, 1999, 82, 1660-1663.	2.9	289
167	Spatial resolution of diffuse photon density waves. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 1466.	0.8	37
168	<title>Near-field effects in spatial coherence of thermal sources of light: short-range and long-range correlations</title>. , 1999, 3749, 138.		0
169	Contrast mechanisms in illumination-mode SNOM. Ultramicroscopy, 1998, 71, 39-48.	0.8	5
170	Polarization effects in the optical interaction between a nanoparticle and a corrugated surface: implications for apertureless near-field microscopy. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1998, 15, 109.	0.8	31
171	Reciprocity of evanescent electromagnetic waves. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1998, 15, 706.	0.8	94
172	Optical content and resolution of near-field optical images: Influence of the operating mode. Journal of Applied Physics, 1997, 82, 501-509.	1.1	55
173	Phase properties of the optical near field. Physical Review E, 1997, 55, R4901-R4904.	0.8	13
174	Image formation in near-field optics. Progress in Surface Science, 1997, 56, 133-237.	3.8	316
175	On the equivalence between the illumination and collection modes of the scanning near-field optical microscope. Optics Communications, 1997, 142, 7-13.	1.0	33
176	Direct reconstruction of surfaces from near-field intensity under spatially incoherent illumination. Optics Letters, 1996, 21, 501.	1.7	26
177	Equivalence of constant-height and constant-intensity images in scanning near-field optical microscopy. Optics Letters, 1996, 21, 1208.	1.7	15
178	Analysis of image formation with a photon scanning tunneling microscope. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1996, 13, 1.	0.8	17
179	Analysis of image formation with a photon scanning tunneling microscope. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1996, 13, 35.	0.8	24
180	Theory of Imaging in Near-field Microscopy. , 1996, , 1-26.		2

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181	Relationship between the near-field speckle pattern and the statistical properties of a surface. Ultramicroscopy, 1995, 61, 43-50.	0.8	18
182	Reconstruction of the dielectric contrast profile from near-field data. Ultramicroscopy, 1995, 61, 11-16.	0.8	21
183	Surface profile reconstruction using near-field data. Optics Communications, 1995, 116, 20-24.	1.0	68
184	Two-dimensional numerical simulation of the photon scanning tunneling microscope. Concept of transfer function (Optics Comm. 116 (1995) 316). Optics Communications, 1995, 120, 371.	1.0	1
185	Two-dimensional numerical simulation of the photon scanning tunneling microscope. Concept of transfer function. Optics Communications, 1995, 116, 316-321.	1.0	91
186	Influence of dielectric contrast and topography on the near field scattered by an inhomogeneous surface. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1995, 12, 2716.	0.8	80
187	Electromagnetic wave scattering from a cylinder in front of a conducting surface-relief grating. Optics Communications, 1994, 111, 26-33.	1.0	34
188	Transport in Dilute Media. , 0, , 15-35.		0
189	Introduction to Radiative Transfer. , 0, , 55-76.		0