Igor I Smolyaninov

List of Publications by Year
in descending order

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187	8,649	109137 35	45213 90
papers	citations	h-index	g-index

188	188	188	7275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analogue Quantum Gravity in Hyperbolic Metamaterials. Universe, 2022, 8, 242.	0.9	3
2	Surface electromagnetic waves in lossy conductive media: tutorial. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 1894.	0.9	4
3	Surface Electromagnetic Waves near a Black Hole Event Horizon and Their Observational Consequences. Astronomy, 2022, 1, 49-57.	0.6	0
4	Normal state specific heat of a core-shell aluminum-alumina metamaterial composite with enhanced Tc. Physical Review B, 2021, 103, .	1.1	3
5	Enhancement of Unruh effect near hyperbolic metamaterials. Europhysics Letters, 2021, 133, 18001.	0.7	2
6	Effect of Fast Scale Factor Fluctuations on Cosmological Evolution. Universe, 2021, 7, 164.	0.9	2
7	Effect of metamaterial engineering on the superconductive properties of ultrathin layers of NbTiN. Journal of Applied Physics, 2021, 130, 073901.	1.1	1
8	Gradient-index nanophotonics. Journal of Optics (United Kingdom), 2021, 23, 095002.	1.0	7
9	Hybrid acousto-electromagnetic metamaterial superconductors. Physica C: Superconductivity and Its Applications, 2020, 577, 1353730.	0.6	2
10	Oscillating Cosmological Force Modifies Newtonian Dynamics. Galaxies, 2020, 8, 45.	1.1	3
11	Development of Broadband Underwater Radio Communication for Application in Unmanned Underwater Vehicles. Journal of Marine Science and Engineering, 2020, 8, 370.	1.2	9
12	Experimental observation of effective gravity and two-time physics in ferrofluid-based hyperbolic metamaterials. Advanced Photonics, 2020, 2, .	6.2	2
13	Observation of plasmon-phonons in a metamaterial superconductor using inelastic neutron scattering. Physical Review B, 2019, 100, .	1.1	4
14	Superconducting properties of tin-based ENZ and hyperbolic metamaterials. Physica C: Superconductivity and Its Applications, 2019, 565, 1353511.	0.6	2
15	Enhancement of Coulomb blockade in epsilon near zero and hyperbolic metamaterials. Physica C: Superconductivity and Its Applications, 2019, 556, 14-18.	0.6	0
16	Nonlinear optics of photonic hyper-crystals: optical limiting and hyper-computing. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1629.	0.9	15
17	Giant Unruh effect in hyperbolic metamaterial waveguides. Optics Letters, 2019, 44, 2224.	1.7	13
18	SURFACE WAVE-BASED RADIO COMMUNICATION THROUGH CONDUCTIVE ENCLOSURES. Progress in Electromagnetics Research M, 2019, 85, 21-28.	0.5	3

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19	Super-Resolution Microscopy Techniques Based on Plasmonics and Transformation Optics. Biological and Medical Physics Series, 2019, , 313-343.	0.3	0
20	Surface Wave Based Underwater Radio Communication. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2503-2507.	2.4	30
21	Roadmap on transformation optics. Journal of Optics (United Kingdom), 2018, 20, 063001.	1.0	64
22	Galactic optical cloaking of visible baryonic matter. Physical Review D, 2018, 97, .	1.6	1
23	Metamaterial superconductors. Nanophotonics, 2018, 7, 795-818.	2.9	10
24	Enhancement of critical temperature in fractal metamaterial superconductors. Physica C: Superconductivity and Its Applications, 2017, 535, 20-23.	0.6	3
25	Fine tuning and MOND in a metamaterial â€œmultiverseâ€• Scientific Reports, 2017, 7, 8023.	1.6	4
26	Hyperbolic Metamaterials. World Scientific Series in Nanoscience and Nanotechnology, 2017, , 87-138.	0.1	1,023
27	Hyperbolic metamaterials: Novel physics and applications. Solid-State Electronics, 2017, 136, 102-112.	0.8	29
28	Thermally Induced Effective Spacetimes in Self-Assembled Hyperbolic Metamaterials. Universe, 2017, 3, 23.	0.9	0
29	Extra-Dimensional â€œMetamaterialsâ€• A Model of Inflation Due to a Metric Signature Transition. Universe, 2017, 3, 66.	0.9	0
30	Experimental Observation of Melting of the Effective Minkowski Spacetime in Cobalt-Based Ferrofluids. International Journal of Behavioral and Consultation Therapy, 2017, , 137-158.	0.4	1
31	Optical Super-Resolution Imaging Using Surface Plasmon Polaritons. , 2017, , 165-189.		0
32	Fractional Effective Charges and Misner-Wheeler Charge without Charge Effect in Metamaterials. Photonics, 2016, 3, 43.	0.9	0
33	Lithographically Fabricated Magnifying Maxwell Fisheye Lenses. Photonics, 2016, 3, 8.	0.9	1
34	Roadmap on optical metamaterials. Journal of Optics (United Kingdom), 2016, 18, 093005.	1.0	118
35	The flexibility of optical metrics. Classical and Quantum Gravity, 2016, 33, 165008.	1.5	3
36	Theoretical modeling of critical temperature increase in metamaterial superconductors. Physical Review B, 2016, 93, .	1.1	19

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37	Enhanced superconductivity in aluminum-based hyperbolic metamaterials. Scientific Reports, 2016, 6, 34140.	1.6	24
38	Magnetic liquids under high electric fields as broadband optical diodes. Physical Review A, 2016, 94, .	1.0	2
39	Using metamaterial nanoengineering to triple the superconducting critical temperature of bulk aluminum. Scientific Reports, 2015, 5, 15777.	1.6	27
40	Metamaterial superconductors. Physical Review B, 2015, 91, .	1.1	22
41	Experimental model of topological defects in Minkowski spaceâ€“time based on disordered ferrofluid: magnetic monopoles, cosmic strings and the spaceâ€“time cloak. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140360.	1.6	5
42	Black hole in a waveguide: Hawking radiation or self-phase modulation?. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	0
43	Experimental Demonstration of Luneburg Waveguides. Photonics, 2015, 2, 440-448.	0.9	8
44	Self-assembled tunable photonic hyper-crystals. Scientific Reports, 2015, 4, 5706.	1.6	50
45	Is There a Metamaterial Route to High Temperature Superconductivity?. Advances in Condensed Matter Physics, 2014, 2014, 1-6.	0.4	19
46	Metamaterial Model of Tachyonic Dark Energy. Galaxies, 2014, 2, 72-80.	1.1	4
47	Big Crunch-based omnidirectional light concentrators. Journal of Optics (United Kingdom), 2014, 16, 125103.	1.0	1
48	Self-assembled tunable photonic hyper-crystals. Proceedings of SPIE, 2014, , .	0.8	5
49	Quantum mechanics of hyperbolic metamaterials: Modeling of quantum time and Everettâ€™s â€œuniversal wavefunctionâ€. Physica B: Condensed Matter, 2014, 453, 131-135.	1.3	1
50	Quantum topological transition in hyperbolic metamaterials based on highT_csuperconductors. Journal of Physics Condensed Matter, 2014, 26, 305701.	0.7	21
51	Holographic duality in nonlinear hyperbolic metamaterials. Journal of Optics (United Kingdom), 2014, 16, 075101.	1.0	11
52	Experimental demonstration of superconducting critical temperature increase in electromagnetic metamaterials. Scientific Reports, 2014, 4, 7321.	1.6	35
53	Minkowski domain walls in hyperbolic metamaterials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 353-356.	0.9	15
54	Analog of gravitational force in hyperbolic metamaterials. Physical Review A, 2013, 88, .	1.0	36

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55	Experimental demonstration of birefrigent transformation optics devices. Physical Review B, 2013, 87, .	1.1	8
56	Quantum electromagnetic â€˜black holesâ€™ in a strong magnetic field. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 015005.	1.4	6
57	Light propagation through random hyperbolic media. Optics Letters, 2013, 38, 971.	1.7	6
58	Experimental demonstration of metamaterial â€œmultiverseâ€•in a ferrofluid. Optics Express, 2013, 21, 14918.	1.7	33
59	Modeling of causality with metamaterials. Journal of Optics (United Kingdom), 2013, 15, 025101.	1.0	15
60	Low-diffraction beaming in plasmonic crystals. Optics Letters, 2012, 37, 2976.	1.7	6
61	Hyperbolic metamaterial interfaces: Hawking radiation from Rindler horizons and spacetime signature transitions. Physical Review B, 2012, 85, .	1.1	54
62	Experimental modeling of cosmological inflation with metamaterials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2575-2579.	0.9	34
63	Planck-scale physics of vacuum in a strong magnetic field. Physical Review D, 2012, 85, .	1.6	13
64	Broadband Purcell effect: Radiative decay engineering with metamaterials. Applied Physics Letters, 2012, 100, .	1.5	388
65	Metamaterial model of fractal time. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1315-1317.	0.9	2
66	Vacuum in a Strong Magnetic Field as a Hyperbolic Metamaterial. Physical Review Letters, 2011, 107, 253903.	2.9	38
67	Metamaterial-based model of the Alcubierre warp drive. Physical Review B, 2011, 84, .	1.1	11
68	Metamaterial â€˜multiverseâ€™. Journal of Optics (United Kingdom), 2011, 13, 024004.	1.0	31
69	Modeling of time with metamaterials. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1591.	0.9	60
70	Lattice models of nontrivial â€œoptical spacesâ€•based on metamaterial waveguides. Optics Letters, 2011, 36, 2420.	1.7	2
71	Experimental Observation of Field Enhancement at the Negative-Positive Index Interface. , 2011, , .		0
72	Critical opalescence in hyperbolic metamaterials. Journal of Optics (United Kingdom), 2011, 13, 125101.	1.0	11

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73	Metric Signature Transitions in Optical Metamaterials. Physical Review Letters, 2010, 105, 067402.	2.9	189
74	Experimental observation of speckle instability in a two-dimensional disordered medium. Metamaterials, 2010, 4, 207-213.	2.2	2
75	Maxwell fisheye and Eaton lenses emulated by a microdroplet. , 2010, , .		1
76	Broadband Transformation Optics Devices. Materials, 2010, 3, 4793-4810.	1.3	7
77	Surface Plasmon Polariton Enhanced Fluorescence from Quantum Dots on Nanostructured Metal Surfaces. Nano Letters, 2010, 10, 813-820.	4.5	82
78	Maxwell fish-eye and Eaton lenses emulated by microdroplets. Optics Letters, 2010, 35, 3396.	1.7	52
79	Experimental observation of the trapped rainbow. Applied Physics Letters, 2010, 96, 211121.	1.5	59
80	Single photon gun: Radiative decay engineering with metamaterials. , 2009, , .		1
81	Magnifying Superlenses and other Applications of Plasmonic Metamaterials in Microscopy and Sensing. ChemPhysChem, 2009, 10, 625-628.	1.0	5
82	Light emission from a tunneling junction as a physical clock for tunneling time. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2021-2024.	0.9	1
83	Anisotropic Metamaterials Emulated by Tapered Waveguides: Application to Optical Cloaking. Physical Review Letters, 2009, 102, 213901.	2.9	181
84	Level of holographic noise in interferometry. Physical Review D, 2009, 79, .	1.6	1
85	Surface plasmon polariton enhanced fluorescence from quantum dots on nanostructured metal surfaces. , 2009, , .		1
86	Surface plasmon polariton enhanced fluorescence from quantum dots on nanostructured metal surfaces. Proceedings of SPIE, 2009, , .	0.8	0
87	Surface Plasmon Polariton Enhanced Fluorescence from Quantum Dots on Nanostructured Metal Surfaces. , 2009, , .		1
88	Unruh effect in a waveguide. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5861-5864.	0.9	8
89	Photoluminescence from a gold nanotip in an accelerated reference frame. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 7043-7045.	0.9	10
90	Transformational optics of plasmonic metamaterials. New Journal of Physics, 2008, 10, 115033.	1.2	15

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91	Plasmonic metamaterials and their applications. , 2008, , .		0
92	Two-dimensional metamaterial structure exhibiting reduced visibility at 500 nm. Optics Letters, 2008, 33, 1342.	1.7	78
93	Plasmon imaging with sub-diffraction resolution. , 2008, , .		0
94	Controlling optical transmission through magneto-plasmonic crystals with an external magnetic field. New Journal of Physics, 2008, 10, 105012.	1.2	89
95	Coherent control of surface plasmon polariton mediated optical transmission. Journal Physics D: Applied Physics, 2008, 41, 195102.	1.3	19
96	Optical microscopy beyond the diffraction limit. HFSP Journal, 2008, 2, 129-131.	2.5	12
97	Reply to â€œComment on â€˜Enhanced transmission of light through a gold film due to excitation of standing surface-plasmon Bloch wavesâ€™ â€. Physical Review B, 2008, 77, .	1.1	0
98	Nanophotonic devices based on plasmonic metamaterials. Journal of Modern Optics, 2008, 55, 3187-3192.	0.6	2
99	Magnifying superlens based on plasmonic metamaterials. , 2007, , .		0
100	Focusing of Surface Plasmon Polaritons by Surface Parabolic Dielectric Gratings. , 2007, , .		0
101	Enhanced transmission of light through a gold film due to excitation of standing surface-plasmon Bloch waves. Physical Review B, 2007, 75, .	1.1	8
102	Plasmonics and the parallel programming problem. , 2007, , .		1
103	Two-dimensional plasmonic metamaterials. , 2007, , .		2
104	Magnifying superlens based on surface plasmon optics. Proceedings of SPIE, 2007, , .	0.8	0
105	Magnifying Superlens in the Visible Frequency Range. Science, 2007, 315, 1699-1701.	6.0	702
106	Imaging and focusing properties of plasmonic metamaterial devices. Physical Review B, 2007, 76, .	1.1	36
107	Fluorescence enhancement by surface gratings. , 2007, , .		0
108	Super-resolution microscopy using surface plasmon polaritons. , 2007, , 63-107.		2

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109	Magnifying Superlens in the Visible Frequency Range. , 2007, , .		1
110	Fluorescence enhancement by surface gratings. Optics Express, 2006, 14, 10825.	1.7	79
111	Dielectric optical components for surface plasmon optics. , 2006, , .		0
112	Fluorescence enhancement by surface gratings. , 2006, , .		2
113	NONLINEAR NANO-OPTICS OF SURFACE PLASMONS AT THE "PLANCK SCALE". Modern Physics Letters B, 2006, 20, 321-342.	1.0	5
114	Digital resolution enhancement in surface plasmon microscopy. Applied Physics B: Lasers and Optics, 2006, 84, 253-256.	1.1	12
115	Chapter 3 Super-resolution microscopy using surface plasmon polaritons. Advances in Nano-optics and Nano-photonics, 2006, , 63-107.	0.0	1
116	Characterization of time delayed diversity to mitigate fading in atmospheric turbulence channels. , 2005, , .		23
117	Image formation in surface plasmon polariton mirrors: applications in high-resolution optical microscopy. New Journal of Physics, 2005, 7, 175-175.	1.2	13
118	Nano-optics of surface plasmon polaritons. Physics Reports, 2005, 408, 131-314.	10.3	2,082
119	A far-field optical microscope with nanometre-scale resolution based on in-plane surface plasmon imaging. Journal of Optics, 2005, 7, S165-S175.	1.5	15
120	Surface plasmon dielectric waveguides. Applied Physics Letters, 2005, 87, 241106.	1.5	40
121	Publisher's Note: Super-resolution optical microscopy based on photonic crystal materials [Phys. Rev. B72, 085442 (2005)]. Physical Review B, 2005, 72, .	1.1	0
122	Plasmon-polaritons on the surface of a pseudosphere. Physical Review B, 2005, 72, .	1.1	10
123	Publisher's Note: Quantum Fluctuations of the Refractive Index near the Interface Between a Metal and a Nonlinear Dielectric [Phys. Rev. Lett.94, 057403 (2005)]. Physical Review Letters, 2005, 94, .	2.9	1
124	Super-resolution optical microscopy based on photonic crystal materials. Physical Review B, 2005, 72, .	1.1	37
125	Dephasing of electrons in mesoscopic metal wires due to zero-point fluctuations of optically active localized plasmon modes. Physical Review B, 2005, 71, .	1.1	0
126	Quantum Fluctuations of the Refractive Index near the Interface Between a Metal and a Nonlinear Dielectric. Physical Review Letters, 2005, 94, 057403.	2.9	36

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127	Strong optical coupling effects through a continuous metal film with a surface dielectric grating. , 2005, , .		4
128	Resolution enhancement of a surface immersion microscope near the plasmon resonance. Optics Letters, 2005, 30, 382.	1.7	43
129	Imaging with short-wavelength surface plasmon polaritons. Applied Physics Letters, 2005, 86, 151114.	1.5	15
130	Far-Field Optical Microscopy with a Nanometer-Scale Resolution Based on the In-Plane Image Magnification by Surface Plasmon Polaritons. Physical Review Letters, 2005, 94, 057401.	2.9	152
131	Plasmon-induced magnetization of metallic nanostructures. Physical Review B, 2005, 71, .	1.1	27
132	Light-induced resonant transmittance through a gold film. Applied Physics Letters, 2005, 87, 041101.	1.5	3
133	Near-field second-harmonic generation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2004, 362, 843-860.	1.6	20
134	Wavelength dependent birefringence of surface plasmon polaritonic crystals. Physical Review B, 2004, 70, .	1.1	45
135	Linear and nonlinear optics of surface-plasmon whispering-gallery modes. Physical Review B, 2004, 69, .	1.1	19
136	Studies of pointing, acquisition, and tracking of agile optical wireless transceivers for free-space optical communication networks. , 2004, , .		24
137	<title>Delayed diversity for fade resistance in optical wireless communications through turbulent media</title>. , 2004, , .		21
138	Analysis of compound parabolic concentrators and aperture averaging to mitigate fading on free-space optical links. , 2004, , .		3
139	Polarization control of optical transmission of a periodic array of elliptical nanoholes in a metal film. Optics Letters, 2004, 29, 1414.	1.7	101
140	Studies of free-space optical links through simulated boundary layer and long-path turbulence. , 2004, 5237, 127.		0
141	Polarization dependencies of the enhanced optical transmission through surface polaritonic crystals. , 2004, 5554, 197.		0
142	Novel nanophotonics geometries for sensing applications. , 2004, , .		0
143	Near-field photonics: surface plasmon polaritons and localized surface plasmons. Journal of Optics, 2003, 5, S16-S50.	1.5	480
144	Single-photon tunneling in photonic crystals with deep defect states. Optics Letters, 2003, 28, 93.	1.7	0

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145	Electron-plasmon interaction in a cylindrical mesoscopic system: Important similarities with Kaluza-Klein theories. Physical Review B, 2003, 67, .	1.1	7
146	Polarization superprism effect in surface polaritonic crystals. Applied Physics Letters, 2003, 82, 4438-4440.	1.5	21
147	Light-controlled photon tunneling through nonlinear nanoholes. , 2003, , .		0
148	Surface plasmon toy model of a rotating black hole. New Journal of Physics, 2003, 5, 147-147.	1.2	47
149	Fractal extra dimension in Kaluza-Klein theory. Physical Review D, 2002, 65, .	1.6	11
150	Free-space optical wireless links with topology control. , 2002, 4821, 175.		14
151	<title>Long-distance 1.2 Gb/s optical wireless communication link at 1550 nm</title>. , 2002, , .		7
152	<title>Effect of atmospheric turbulence on bit-error rate in an on-off-keyed optical wireless system</title>. , 2002, , .		43
153	Micromachining of diamond using near-field scanning optical microscope. Materials Letters, 2002, 52, 408-411.	1.3	1
154	Near-field optical imaging of periodic plasmon sources. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 300, 97-100.	0.9	0
155	Optical second harmonic generation near a black hole horizon asÂpossible source of experimental information onÂquantumÂgravitational effects. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 300, 375-380.	0.9	1
156	Light-controlled photon tunneling. Applied Physics Letters, 2002, 81, 3314-3316.	1.5	24
157	Micromachining of diamond with a near-field scanning optical microscope. Optics Letters, 2001, 26, 1495.	1.7	4
158	Local crystal analysis using near-field optical second harmonic microscopy: Application to thin ferroelectric films. Journal of Applied Physics, 2001, 89, 206-211.	1.1	22
159	ELECTRONS ON SOLID HYDROGEN AND SOLID NEON SURFACES. International Journal of Modern Physics B, 2001, 15, 2075-2106.	1.0	9
160	High Resolution Study of Permanent Photoinduced Reflectivity Changes and Charge-Order Domain Switching inBi0.3Ca0.7MnO3. Physical Review Letters, 2001, 87, 127204.	2.9	29
161	Supercooling Molecular Hydrogen Down through the Superfluid Transition. Physical Review Letters, 2000, 85, 2861-2864.	2.9	3
162	Giant Enhancement of Surface Second Harmonic Generation inBaTiO3due to Photorefractive Surface Wave Excitation. Physical Review Letters, 1999, 83, 2429-2432.	2.9	33

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163	Observation of localized plasmonic excitations in thin metal films with near-field second-harmonic microscopy. Optics Communications, 1999, 169, 93-96.	1.0	26
164	Near-field optical microscopy of two-dimensional photonic and plasmonic crystals. Physical Review B, 1999, 59, 2454-2460.	1.1	29
165	Near-field second harmonic imaging of lead zirconate titanate piezoceramic. Applied Physics Letters, 1999, 74, 1942-1944.	1.5	25
166	‹title›Near-field microscopy of second-harmonic generation‹/title›. , 1999, , .		6
167	Experimental study of probeâ€“surface interaction in near-field optical microscopy. Ultramicroscopy, 1998, 71, 177-182.	0.8	20
168	Apparent superresolution in near-field optical imaging of periodic gratings. Optics Letters, 1998, 23, 1346.	1.7	25
169	Focused ion-beam fabrication of fiber probes with well-defined apertures for use in near-field scanning optical microscopy. Applied Physics Letters, 1998, 72, 3133-3135.	1.5	54
170	Scanning Probe Microscopy of Surface Plasmons. International Journal of Modern Physics B, 1997, 11, 2465-2510.	1.0	7
171	Experimental study of surface-plasmon scattering by individual surface defects. Physical Review B, 1997, 56, 1601-1611.	1.1	97
172	Near-field second harmonic generation from a rough metal surface. Physical Review B, 1997, 56, 9290-9293.	1.1	106
173	Near-field second-harmonic imaging of ferromagnetic and ferroelectric materials. Optics Letters, 1997, 22, 1592.	1.7	56
174	Fractal surface characterization: implications for plasmon polariton scattering. Surface Science, 1996, 356, 268-274.	0.8	24
175	Photon emission from a layer of copper phthalocyanine molecules on a gold (111) film surface induced by STM. Surface Science, 1996, 364, 79-88.	0.8	26
176	Imaging of Surface Plasmon Scattering by Lithographically Created Individual Surface Defects. Physical Review Letters, 1996, 77, 3877-3880.	2.9	134
177	The effect of the surface enhanced polariton field on the tunneling current of a STM. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 200, 438-444.	0.9	28
178	Scattered light enhancement near a phase conjugating mirror. Optics Communications, 1995, 115, 115-120.	1.0	23
179	Direct observation of surface polariton localization caused by surface roughness. Optics Communications, 1995, 117, 417-423.	1.0	73
180	Nearâ€field directâ€write ultraviolet lithography and shear force microscopic studies of the lithographic process. Applied Physics Letters, 1995, 67, 3859-3861.	1.5	96

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181	Characterization of phase-conjugated near-field light spots. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 1617.	0.9	7
182	Correlation between optical and topographical images from an external reflection near-field microscope with shear force feedback. Applied Optics, 1995, 34, 3793.	2.1	35
183	Near-field microscopy of surface-plasmon polaritons: Localization and internal interface imaging. Physical Review B, 1995, 51, 17916-17924.	1.1	97
184	Phase conjugation of an optical near field. Optics Letters, 1994, 19, 1601.	1.7	47
185	Spectroscopic measurements of light emitted by the scanning tunneling microscope. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 158, 337-340.	0.9	28
186	Light emission from the tunneling junction of the scanning tunneling microscope. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 149, 410-412.	0.9	35
187	Cloaking. , 0, , 316-385.		0