

J Roy Sambles

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391
papers

12,170
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408
ext. papers

13,223
ext. citations

3.8
avg, IF

6.34
L-index

#	Paper	IF	Citations
391	Photonic structures in biology. <i>Nature</i> , 2003 , 424, 852-5	50.4	1442
390	Experimental verification of designer surface plasmons. <i>Science</i> , 2005 , 308, 670-2	33.3	611
389	Quantified interference and diffraction in single Morpho butterfly scales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 1403-1411	4.4	440
388	Physical origin of photonic energy gaps in the propagation of surface plasmons on gratings. <i>Physical Review B</i> , 1996 , 54, 6227-6244	3.3	397
387	Molecular rectifier. <i>Physical Review Letters</i> , 1993 , 70, 218-221	7.4	323
386	Full Photonic Band Gap for Surface Modes in the Visible. <i>Physical Review Letters</i> , 1996 , 77, 2670-2673	7.4	314
385	Colour mixing in wing scales of a butterfly. <i>Nature</i> , 2000 , 404, 457	50.4	310
384	Optical excitation of surface plasmons: An introduction. <i>Contemporary Physics</i> , 1991 , 32, 173-183	3.3	264
383	Slow waves caused by cuts perpendicular to a single subwavelength slit in metal. <i>New Journal of Physics</i> , 2007 , 9, 1-1	2.9	244
382	Long-range surface modes supported by thin films. <i>Physical Review B</i> , 1991 , 44, 5855-5872	3.3	232
381	Scattering matrix method for propagation of radiation in stratified media: attenuated total reflection studies of liquid crystals. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1988 , 5, 1863	1.8	188
380	Resonant transmission of microwaves through a narrow metallic slit. <i>Physical Review Letters</i> , 2002 , 89, 063901	7.4	184
379	Stationary Surface Plasmons on a Zero-Order Metal Grating. <i>Physical Review Letters</i> , 1998 , 80, 5667-5670	7.4	139
378	Microwave surface-plasmon-like modes on thin metamaterials. <i>Physical Review Letters</i> , 2009 , 102, 073901	7.4	123
377	Rectifying characteristics of Mg[(C16H33-Q3CNQ LB film) Pt structures. <i>Journal of the Chemical Society Chemical Communications</i> , 1990 , 1374		122
376	Structural colour. Now you see it--now you don't. <i>Nature</i> , 2001 , 410, 36	50.4	115
375	Scattering-matrix approach to multilayer diffraction. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1995 , 12, 1097	1.8	115

374	Fabrication and investigation of asymmetric current-voltage characteristics of a metal/Langmuir-Blodgett monolayer/metal structure. <i>Applied Physics Letters</i> , 1990 , 56, 1916-1918	3-4	109
373	Optical characterisation of gold using surface plasmon-polaritons. <i>Journal of Physics F: Metal Physics</i> , 1987 , 17, 277-287		107
372	Localized surface-plasmon resonances in periodic nondiffracting metallic nanoparticle and nanohole arrays. <i>Physical Review B</i> , 2009 , 79,	3-3	103
371	Polarization conversion from diffraction gratings. <i>Physical Review B</i> , 1991 , 44, 6393-6400	3-3	100
370	Finite conductance governs the resonance transmission of thin metal slits at microwave frequencies. <i>Physical Review Letters</i> , 2004 , 92, 147401	7-4	98
369	Selective transmission through very deep zero-order metallic gratings at microwave frequencies. <i>Applied Physics Letters</i> , 2000 , 77, 2789-2791	3-4	95
368	Determination of the optical permittivity and thickness of absorbing films using long range modes. <i>Journal of Modern Optics</i> , 1997 , 44, 1155-1163	1-1	94
367	Gratingless enhanced microwave transmission through a subwavelength aperture in a thick metal plate. <i>Applied Physics Letters</i> , 2002 , 81, 4661-4663	3-4	94
366	Surface-topography-induced enhanced transmission and directivity of microwave radiation through a subwavelength circular metal aperture. <i>Applied Physics Letters</i> , 2004 , 84, 2040-2042	3-4	91
365	Squeezing millimeter waves into microns. <i>Physical Review Letters</i> , 2004 , 92, 143904	7-4	89
364	Flat surface-plasmon-polariton bands and resonant optical absorption on short-pitch metal gratings. <i>Physical Review B</i> , 1999 , 59, 12661-12666	3-3	73
363	Optical characterization of liquid crystals by means of half-leaky guided modes. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1993 , 10, 858	1-7	73
362	Photonic surfaces for surface-plasmon polaritons. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1997 , 14, 1654	1-8	72
361	Guided modes and surface plasmon-polaritons observed with a nematic liquid crystal using attenuated total reflection. <i>Liquid Crystals</i> , 1987 , 2, 91-105	2-3	72
360	Dispersion of surface plasmon polaritons on short-pitch metal gratings. <i>Physical Review B</i> , 2002 , 65,	3-3	71
359	The resonant electromagnetic fields of an array of metallic slits acting as Fabry-Perot cavities. <i>Journal of Applied Physics</i> , 2006 , 99, 124903	2-5	70
358	Coupled surface plasmon polaritons on thin metal slabs corrugated on both surfaces. <i>Physical Review B</i> , 2004 , 70,	3-3	68
357	Photonic gaps in the dispersion of surface plasmons on gratings. <i>Physical Review B</i> , 1995 , 51, 11164-11167		68

356	Making tunnel barriers (including metals) transparent. <i>Physical Review Letters</i> , 2006 , 97, 053902	7.4	66
355	Boundary-Layer Effects on Acoustic Transmission Through Narrow Slit Cavities. <i>Physical Review Letters</i> , 2015 , 115, 044302	7.4	65
354	Thin metamaterial Luneburg lens for surface waves. <i>Physical Review B</i> , 2013 , 87,	3.3	64
353	Long-range coupled surface exciton polaritons. <i>Physical Review Letters</i> , 1990 , 64, 559-562	7.4	63
352	Waveguide arrays as plasmonic metamaterials: transmission below cutoff. <i>Physical Review Letters</i> , 2006 , 96, 073904	7.4	59
351	Limited-view iridescence in the butterfly <i>Ancyluris meliboeus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 7-14	4.4	59
350	Electrical conduction in metal foils. <i>Journal of Physics F: Metal Physics</i> , 1980 , 10, 1487-1494		59
349	Microwave transmission of a compound metal grating. <i>Physical Review Letters</i> , 2006 , 96, 257402	7.4	58
348	Surface-plasmon energy gaps and photoluminescence. <i>Physical Review B</i> , 1995 , 52, 11441-11445	3.3	56
347	One-way diffraction grating. <i>Physical Review E</i> , 2006 , 74, 056611	2.4	55
346	Resonant absorption of electromagnetic fields by surface plasmons buried in a multilayered plasmonic nanostructure. <i>Physical Review B</i> , 2006 , 74,	3.3	55
345	Remarkable iridescence in the hindwings of the damselfly <i>Neurobasis chinensis chinensis</i> (Linnaeus) (Zygoptera: Calopterygidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 595-601	4.4	54
344	The electrical properties of metal-sandwiched Langmuir-Blodgett multilayers and monolayers of a redox-active organic molecular compound. <i>Journal of Applied Physics</i> , 1992 , 71, 756-768	2.5	54
343	Fully leaky guided mode study of the flexoelectric effect and surface polarization in hybrid aligned nematic cells. <i>Journal of Applied Physics</i> , 2002 , 92, 19-24	2.5	53
342	Surface plasmon polaritons on thin-slab metal gratings. <i>Physical Review B</i> , 2003 , 67,	3.3	51
341	The effects of surface scattering upon resistivity. <i>Journal of Physics F: Metal Physics</i> , 1982 , 12, 1971-1987		51
340	Surface plasmon mediated transmission of subwavelength slits at THz frequencies. <i>Physical Review B</i> , 2008 , 77,	3.3	50
339	Double-period zero-order metal gratings as effective selective absorbers. <i>Physical Review B</i> , 2000 , 61, 13177-13182	3.3	48

- 338 Sharp Surface-Plasmon Resonances on Deep Diffraction Gratings. *Physical Review Letters*, **1997**, 79, 3978-3981 47
- 337 Importance of diffraction in determining the dispersion of designer surface plasmons. *Physical Review B*, **2008**, 78, 3-3 47
- 336 Immobilisation of IgG onto gold surfaces and its interaction with anti-IgG studied by surface plasmon resonance. *Journal of Immunological Methods*, **1994**, 175, 149-60 2.5 47
- 335 Optical determination of flexoelectric coefficients and surface polarization in a hybrid aligned nematic cell. *Physical Review E*, **2001**, 64, 021708 2.4 45
- 334 Long-range surface mode supported by very thin silver films. *Physical Review Letters*, **1991**, 66, 2030-2032 4 44
- 333 Periodic multilayer gratings of arbitrary shape. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1995**, 12, 1740 1.8 43
- 332 Molecular rectification with M|(D-EA LB film)|M junctions. *Journal of Materials Chemistry*, **1999**, 9, 2271-2275 4 42
- 331 Accurate design of a noncollinear acousto-optic tunable filter. *Optics Letters*, **1991**, 16, 429-31 3 42
- 330 Detection of surface director reorientation in a nematic liquid crystal. *Applied Physics Letters*, **1987**, 50, 871-873 3.4 42
- 329 A surface-plasmon-based optical sensor using acousto-optics. *Measurement Science and Technology*, **1995**, 6, 1193-1200 2 41
- 328 Characterization of reorientation of a thin layer of ferroelectric liquid-crystal material under an applied field by excitation of optical modes. *Applied Physics Letters*, **1989**, 55, 1621-1623 3.4 40
- 327 The resistivity of thin wires. *Journal of Physics F: Metal Physics*, **1982**, 12, 1169-1183 4 40
- 326 Molecular rectification at 8 K in an Au/C16H33Q-3CNQ LB film/ Au structure. *Applied Physics Letters*, **2002**, 81, 2300-2302 3.4 39
- 325 Surface plasmon-polariton study of the optical dielectric function of titanium nitride. *Journal of Modern Optics*, **1998**, 45, 2051-2062 1.1 38
- 324 Localized surface-plasmon resonances and negative refractive index in nanostructured electromagnetic metamaterials. *Physical Review B*, **2009**, 80, 3-3 37
- 323 Broadband polarization-converting mirror for the visible region of the spectrum. *Optics Letters*, **2002**, 27, 2152-4 3 36
- 322 Grating-coupled surface plasmons at microwave frequencies. *Journal of Applied Physics*, **1999**, 86, 1791-1795 3 36
- 321 The optical tensor configuration in a surface stabilized ferroelectric liquid crystal determined by using half leaky guided modes. *Liquid Crystals*, **1993**, 13, 1-11 2.3 36

320	Melting of very small particles during evaporation at constant temperature. <i>Nature</i> , 1970 , 226, 938	50.4	35
319	Designer surface plasmon dispersion on a one-dimensional periodic slot metasurface with glide symmetry. <i>Optics Letters</i> , 2017 , 42, 3375-3378	3	34
318	Thin resonant structures for angle and polarization independent microwave absorption. <i>Applied Physics Letters</i> , 2009 , 94, 041913	3.4	34
317	Tuneable FabryPerot etalon for terahertz radiation. <i>New Journal of Physics</i> , 2008 , 10, 033012	2.9	34
316	Strongly coupled surface plasmons on thin shallow metallic gratings. <i>Physical Review B</i> , 2008 , 77,	3.3	34
315	Microwave transmission through a single subwavelength annular aperture in a metal plate. <i>Physical Review Letters</i> , 2005 , 94, 193902	7.4	34
314	Excitation of remarkably nondispersive surface plasmons on a nondiffracting, dual-pitch metal grating. <i>Applied Physics Letters</i> , 2002 , 80, 2410-2412	3.4	34
313	Microwave liquid crystal wavelength selector. <i>Applied Physics Letters</i> , 2001 , 79, 3717-3719	3.4	33
312	Optical fully leaky mode characterization of a standard liquid-crystal cell. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1999 , 16, 488	1.7	33
311	Nonlinear absorption of a carbocyanine dye 1,1[3,3]hexamethylindotricarbocyanine iodide using a z-scan technique. <i>Applied Physics Letters</i> , 1995 , 66, 1868-1870	3.4	33
310	Surface-resonance polarization conversion mediated by broken surface symmetry. <i>Physical Review B</i> , 1991 , 44, 3483-3485	3.3	33
309	Enhanced microwave transmission through a single subwavelength aperture surrounded by concentric grooves. <i>Journal of Optics</i> , 2005 , 7, S152-S158		32
308	Sensing using differential surface plasmon ellipsometry. <i>Journal of Applied Physics</i> , 2004 , 96, 3004-3011	2.5	32
307	Differential ellipsometric surface plasmon resonance sensors with liquid crystal polarization modulators. <i>Applied Physics Letters</i> , 2004 , 85, 3017-3019	3.4	32
306	Surface plasmon-related resonances on deep and asymmetric gold gratings. <i>Physical Review B</i> , 2002 , 65,	3.3	32
305	Surface profile dependence of surface plasmon band gaps on metallic gratings. <i>Journal of Applied Physics</i> , 1996 , 79, 7383-7385	2.5	32
304	Determination of the microwave permittivities of nematic liquid crystals using a single-metallic slit technique. <i>Applied Physics Letters</i> , 2002 , 81, 2047-2049	3.4	31
303	Electrical characterisation of M/I/M structures incorporating thin layers of 22-tricosenoic acid deposited on noble metal base electrodes. <i>Journal Physics D: Applied Physics</i> , 1990 , 23, 95-102	3	31

302	The effect of sample thickness on the resistivity of aluminium. <i>Journal of Physics F: Metal Physics</i> , 1981 , 11, 1075-1092		31
301	Prism coupling to 'designer' surface plasmons. <i>Optics Express</i> , 2008 , 16, 20441-7	3.3	30
300	Orientalional transition in a nematic liquid crystal at a patterned surface. <i>Physical Review E</i> , 2006 , 74, 022701	2.4	29
299	Dielectric Biaxiality in SC Host Systems. <i>Molecular Crystals and Liquid Crystals</i> , 1991 , 199, 277-285		29
298	Analysis of Electric Field Induced Deformations in a Nematic Liquid Crystal for any Applied Field. <i>Molecular Crystals and Liquid Crystals</i> , 1987 , 147, 25-42		29
297	Macroscopic surface roughness and the resistivity of thin metal films. <i>Journal of Physics F: Metal Physics</i> , 1981 , 11, 647-656		28
296	Flow-driven transition and associated velocity profiles in a nematic liquid-crystal cell. <i>Physical Review E</i> , 2009 , 80, 041706	2.4	27
295	Transmission of microwaves through a stepped subwavelength slit. <i>Applied Physics Letters</i> , 2007 , 91, 251106	3.4	27
294	Surface plasmon polaritons on narrow-ridged short-pitch metal gratings in the conical mount. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2003 , 20, 836-43	1.8	27
293	Optical response of bigratings. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1996 , 13, 2041	1.8	27
292	A time resolved double pump-probe experimental technique to characterize excited-state parameters of organic dyes. <i>Applied Physics Letters</i> , 1997 , 71, 10-12	3.4	26
291	Self-organized periodic photonic structure in a nonchiral liquid crystal. <i>Physical Review Letters</i> , 2003 , 91, 033901	7.4	26
290	Half-leaky guided wave determination of azimuthal anchoring energy and twist elastic constant of a homogeneously aligned nematic liquid crystal. <i>Journal of Applied Physics</i> , 1999 , 85, 728-733	2.5	26
289	Surface plasmon resonance characterization of spin-deposited phthalocyanine films. <i>Journal of Materials Chemistry</i> , 1992 , 2, 1105		26
288	Polarization conversion from a thin cavity array in the microwave regime. <i>Scientific Reports</i> , 2015 , 5, 9366.9	4.9	25
287	Mimicking glide symmetry dispersion with coupled slot metasurfaces. <i>Applied Physics Letters</i> , 2017 , 111, 121603	3.4	25
286	Microwave liquid-crystal variable phase grating. <i>Applied Physics Letters</i> , 2004 , 85, 2041-2043	3.4	25
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284	Excitation of molecular fluorescence via surface plasmon polaritons. <i>Journal of Modern Optics</i> , 1996 , 43, 573-582	1.1	25
283	Use of mode mixing to determine the optic tensor configuration of a thin ferroelectric liquid crystal layer. <i>Liquid Crystals</i> , 1990 , 8, 577-585	2.3	25
282	Homeotropic polar anchoring energy of a nematic liquid crystal using the fully leaky waveguide technique. <i>Journal of Applied Physics</i> , 2000 , 88, 6175-6182	2.5	24
281	Optical confirmation of the extended mean-field theory for a smectic-C*-smectic-A transition. <i>Physical Review E</i> , 1994 , 50, 2834-2838	2.4	24
280	Reflection gratings as polarization converters. <i>Optics Communications</i> , 1997 , 140, 179-183	2	23
279	Shedding light on butterfly wings 2001 , 4438, 85		23
278	Differential formalism for multilayer diffraction gratings made with uniaxial materials. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1995 , 12, 1965	1.8	23
277	Surface plasmon polaritons on narrow-ridged short-pitch metal gratings. <i>Physical Review B</i> , 2002 , 66,	3.3	22
276	Fully leaky guided wave determination of the polar anchoring energy of a homogeneously aligned nematic liquid crystal. <i>Journal of Applied Physics</i> , 2000 , 87, 2726-2735	2.5	22
275	Phase resonances on metal gratings of identical, equally spaced alternately tapered slits. <i>Applied Physics Letters</i> , 2009 , 95, 041905	3.4	21
274	Molecular rectification, photodiodes and symmetry. <i>Nanotechnology</i> , 1996 , 7, 401-405	3.4	21
273	The Observation of Half Splayed States in Ferroelectric Liquid Crystal Filled Cells by the Excitation of Optic Modes. <i>Japanese Journal of Applied Physics</i> , 1990 , 29, L641-L644	1.4	21
272	Dual-channel differential surface plasmon ellipsometry for bio-chemical sensing. <i>Biosensors and Bioelectronics</i> , 2009 , 25, 411-7	11.8	20
271	Determination of azimuthal anchoring energy in grating-aligned twisted nematic liquid-crystal layers. <i>Journal of Applied Physics</i> , 1997 , 82, 2483-2487	2.5	20
270	Surface plasmon differential ellipsometry of aqueous solutions for bio-chemical sensing. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 105408	3	20
269	Polarization rotator using a hybrid aligned nematic liquid crystal cell. <i>Optics Express</i> , 2007 , 15, 4192-7	3.3	20
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265	Remarkable transmission of microwaves through a wall of long metallic bricks. <i>Applied Physics Letters</i> , 2001 , 79, 2844-2846	3.4	19
264	Azimuth-angle-dependent reflectivity data from metallic gratings. <i>Journal of Modern Optics</i> , 1998 , 45, 1019-1028	1.1	19
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262	The Configuration in a Ferroelectric Liquid Crystal Cell in Terms of a Rigid Chevron Structure. <i>Molecular Crystals and Liquid Crystals</i> , 1991 , 200, 167-186		19
261	Superheating of Bismuth. <i>Nature: Physical Science</i> , 1972 , 239, 61-62		19
260	New directions in liquid crystal science. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006 , 364, 2567-71	3	18
259	Measurement of the refractive indices of a ferroelectric liquid crystal. <i>Journal of Applied Physics</i> , 1995 , 78, 2187-2192	2.5	18
258	Thin structured rigid body for acoustic absorption. <i>Applied Physics Letters</i> , 2017 , 110, 041902	3.4	17
257	Surface plasmon polaritons on deep, narrow-ridged rectangular gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009 , 26, 1228	1.7	17
256	Some considerations on the transmissivity of thin metal films. <i>Optics Express</i> , 2008 , 16, 17249-57	3.3	17
255	Optical resonances on sub-wavelength silver lamellar gratings. <i>Optics Express</i> , 2008 , 16, 22003-28	3.3	17
254	Angle-independent microwave absorption by ultrathin microcavity arrays. <i>Journal of Applied Physics</i> , 2008 , 104, 043105	2.5	17
253	Conical diffraction from multicoated gratings containing uniaxial materials. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1996 , 13, 803	1.8	17
252	Highly sensitive optical measurement techniques based on acousto-optic devices. <i>Applied Optics</i> , 1994 , 33, 7501-10	1.7	17
251	The mechanism of ac stabilization in ferroelectric liquid-crystal-filled cells. <i>Journal of Applied Physics</i> , 1990 , 68, 1242-1246	2.5	17
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249	Electromagnetic resonances of a multilayer metal-dielectric stack. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009 , 26, 734	1.7	16

248	Backflow in the relaxation of a hybrid aligned nematic cell. <i>Applied Physics Letters</i> , 2003 , 82, 3156-3158	3.4	16
247	Direct optical quantification of backflow in a 90 degrees twisted nematic cell. <i>Physical Review Letters</i> , 2002 , 88, 088301	7.4	16
246	Coupling of near-grazing microwave photons to surface plasmon polaritons via a dielectric grating. <i>Physical Review E</i> , 2000 , 61, 5900-6	2.4	16
245	Standing-wave surface-plasmon resonances with overhanging zero-order metal gratings. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1998 , 15, 2869	1.8	16
244	A broadband metasurface Luneburg lens for microwave surface waves. <i>Applied Physics Letters</i> , 2017 , 111, 211603	3.4	15
243	Small surface pretilt strikingly affects the director profile during Poiseuille flow of a nematic liquid crystal. <i>Physical Review Letters</i> , 2010 , 104, 248301	7.4	15
242	Coupled surface plasmons on thin silver gratings. <i>Journal of Optics</i> , 2008 , 10, 015007		15
241	Fully leaky guided mode study of an orthoconic antiferroelectric liquid crystal cell deviating from perfect horizontal surface stabilization. <i>Journal of Applied Physics</i> , 2002 , 91, 9667	2.5	15
240	The coupling of microwave radiation to surface plasmon polaritons and guided modes via dielectric gratings. <i>Journal of Applied Physics</i> , 2000 , 87, 2677-2683	2.5	15
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228	A reanalysis of resistive size effects in tungsten. <i>Journal of Physics F: Metal Physics</i> , 1983 , 13, 2281-2292		13
227	Letter Optical response of blazed and overhanging gratings using oblique Chandezon transformations. <i>Journal of Modern Optics</i> , 1997 , 44, 1073-1080	1.1	13
226	Direct mapping of surface plasmon dispersion using imaging scatterometry. <i>Applied Physics Letters</i> , 2013 , 102, 251107	3.4	12
225	Resonantly inverted microwave transmissivity threshold of metal grids. <i>New Journal of Physics</i> , 2010 , 12, 063007	2.9	12
224	Microwave transmissivity of a metamaterial dielectric stack. <i>Applied Physics Letters</i> , 2009 , 95, 174101	3.4	12
223	Optical response of blazed and overhanging gratings using oblique chandezon transformations. <i>Journal of Modern Optics</i> , 1997 , 44, 1073-1080	1.1	12
222	Resonant Absorption of THz Radiation Using Nematic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 494, 320-327	0.5	12
221	Optical anisotropy and liquid-crystal alignment properties of rubbed polyimide layers. <i>Liquid Crystals</i> , 2007 , 34, 1433-1441	2.3	12
220	Optical characterization of a dual-frequency hybrid aligned nematic liquid crystal cell. <i>Optics Express</i> , 2005 , 13, 2627-33	3.3	12
219	Broad-band polarization conversion from a finite periodic structure in the microwave regime. <i>Applied Physics Letters</i> , 2004 , 84, 849-851	3.4	12
218	Remarkable zeroth-order resonant transmission of microwaves through a single subwavelength metal slit. <i>Physical Review Letters</i> , 2005 , 95, 187407	7.4	12
217	Quantification of the surface- and bulk-order parameters of a homogeneously aligned nematic liquid crystal using fully leaky guided modes. <i>Journal of Applied Physics</i> , 1999 , 86, 6682-6689	2.5	12
216	Lattice parameter changes in thin films of bismuth. <i>Journal of Physics C: Solid State Physics</i> , 1974 , 7, 2263-2268		12
215	Conduction electron spin resonance in aluminium at 20.98 and 9.27 GHz. <i>Physica Status Solidi (B): Basic Research</i> , 1977 , 79, 645-654	1.3	12
214	FULLY-LEAKY GUIDED MODE MEASUREMENT OF THE FLEXOELECTRIC CONSTANT ($\epsilon_{11}+\epsilon_{33}$) OF A NEMATIC LIQUID CRYSTAL. <i>Molecular Crystals and Liquid Crystals</i> , 2003 , 401, 67-73	0.5	11
213	Fluorescent dyes as a probe for the localized field of coupled surface plasmon-related resonances. <i>Physical Review B</i> , 2001 , 64,	3.3	11

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