

# John Brian Pendry

## List of Publications by Year in descending order

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373  
papers

82,741  
citations

3449

93  
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411

284  
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381  
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381  
docs citations

381  
times ranked

28268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roadmap on multimode light shaping. <i>Journal of Optics (United Kingdom)</i> , 2022, 24, 013001.	1.0	41
2	ÅEerenkov radiation in vacuum from a superluminal grating. <i>Physical Review Research</i> , 2022, 4, .	1.3	7
3	Photonics of time-varying media. <i>Advanced Photonics</i> , 2022, 4, .	6.2	169
4	An Archimedes' screw for light. <i>Nature Communications</i> , 2022, 13, 2523.	5.8	19
5	Photon conservation in trans-luminal metamaterials. <i>Optica</i> , 2022, 9, 724.	4.8	6
6	Casimir-Induced Instabilities at Metallic Surfaces and Interfaces. <i>Physical Review Letters</i> , 2021, 126, 046802.	2.9	1
7	Spatial coherence in 2D holography. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2021, 38, 727.	0.8	3
8	Gain mechanism in time-dependent media. <i>Optica</i> , 2021, 8, 636.	4.8	23
9	Designing plasmonic exceptional points by transformation optics. <i>Optics Express</i> , 2021, 29, 16046.	1.7	2
10	Calculating spatiotemporally modulated surfaces: A dynamical differential formalism. <i>Physical Review A</i> , 2021, 104, .	1.0	6
11	Homogenization Theory of Space-Time Metamaterials. <i>Physical Review Applied</i> , 2021, 16, .	1.5	54
12	Photon localization and Bloch symmetry breaking in luminal gratings. <i>Physical Review B</i> , 2021, 104, .	1.1	7
13	Gain in time-dependent mediaâ€”a new mechanism. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 3360.	0.9	23
14	Revealing topology with transformation optics. <i>Nature Communications</i> , 2021, 12, 6887.	5.8	3
15	Crossing the light line. <i>Nanophotonics</i> , 2021, 11, 161-167.	2.9	5
16	Continuous topological transition from metal to dielectric. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16739-16742.	3.3	8
17	Wood Anomalies and Surface-Wave Excitation with a Time Grating. <i>Physical Review Letters</i> , 2020, 125, 127403.	2.9	46
18	Electron Energy Loss Spectroscopy of Singular Plasmonic Metasurfaces. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000055.	4.4	2

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19	Nonlocal effects in plasmonic metasurfaces with almost touching surfaces. <i>Physical Review B</i> , 2020, 101, .	1.1	6
20	Plasmon Localization Assisted by Conformal Symmetry. <i>ACS Photonics</i> , 2020, 7, 951-958.	3.2	3
21	Shrinking the surface plasmon. <i>Nanophotonics</i> , 2020, 10, 545-548.	2.9	2
22	Transformation-Invariant Metamaterials. <i>Physical Review Letters</i> , 2019, 123, 067701.	2.9	39
23	In memory of Viktor Georgievich Veselago. <i>Physics-Usppekhi</i> , 2019, 62, 315-316.	0.8	0
24	Computing one-dimensional metasurfaces. <i>Physical Review B</i> , 2019, 99, .	1.1	8
25	Singular graphene metasurfaces. <i>EPJ Applied Metamaterials</i> , 2019, 6, 10.	0.8	6
26	Broadband Nonreciprocal Amplification in Luminal Metamaterials. <i>Physical Review Letters</i> , 2019, 123, 206101.	2.9	87
27	Fresnel drag in space-time-modulated metamaterials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24943-24948.	3.3	106
28	Transformation optics approach to singular metasurfaces. <i>Physical Review B</i> , 2018, 98, .	1.1	21
29	Van der Waals Force Assisted Heat Transfer. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017, 72, 181-188.	0.7	15
30	Chirality and Nanophotonics. <i>Advanced Optical Materials</i> , 2017, 5, 1700501.	3.6	5
31	Compacted dimensions and singular plasmonic surfaces. <i>Science</i> , 2017, 358, 915-917.	6.0	53
32	Hidden symmetries in plasmonic gratings. <i>Physical Review B</i> , 2017, 95, .	1.1	7
33	Transformation Optics: A Time- and Frequency-Domain Analysis of Electron-Energy Loss Spectroscopy. <i>Nano Letters</i> , 2016, 16, 5156-5162.	4.5	12
34	Transformation optics and EELS, a frequency- and time-domain analysis. , 2016, , .		0
35	Graphene, plasmons and transformation optics. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 044024.	1.0	34
36	Low frequency plasmons in thin-wire structures: a commentary. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 481002.	0.7	13

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37	Phonon-assisted heat transfer between vacuum-separated surfaces. <i>Physical Review B</i> , 2016, 94, .	1.1	51
38	Transformation optics applied to van der Waals interactions. <i>Science Bulletin</i> , 2016, 61, 59-67.	4.3	17
39	Luo <i>et al.</i> Reply. <i>Physical Review Letters</i> , 2015, 115, 239402.	2.9	4
40	Controlling light at the subwavelength scale. , 2015, , .		0
41	Magnetic localized surface plasmons supported by metal structures. , 2015, , .		0
42	Transforming the optical landscape. <i>Science</i> , 2015, 348, 521-524.	6.0	101
43	Transformation optics and hidden symmetries. <i>Physical Review B</i> , 2014, 89, .	1.1	23
44	Description of van der Waals Interactions Using Transformation Optics. <i>Physical Review Letters</i> , 2013, 111, 033602.	2.9	21
45	Capturing photons with transformation optics. <i>Nature Physics</i> , 2013, 9, 518-522.	6.5	90
46	Surface Plasmons and Nonlocality: A Simple Model. <i>Physical Review Letters</i> , 2013, 111, 093901.	2.9	223
47	Active nanoplasmonic metamaterials. <i>Nature Materials</i> , 2012, 11, 573-584.	13.3	502
48	Transformation-optics insight into nonlocal effects in separated nanowires. <i>Physical Review B</i> , 2012, 86, .	1.1	48
49	Probing the Ultimate Limits of Plasmonic Enhancement. <i>Science</i> , 2012, 337, 1072-1074.	6.0	981
50	Rotational Quantum Friction. <i>Physical Review Letters</i> , 2012, 109, 123604.	2.9	112
51	Theory of Three-Dimensional Nanocrescent Light Harvesters. <i>Nano Letters</i> , 2012, 12, 5946-5953.	4.5	42
52	Broadband Light Harvesting Nanostructures Robust to Edge Bluntness. <i>Physical Review Letters</i> , 2012, 108, 023901.	2.9	82
53	Transformation-Optics Description of Nonlocal Effects in Plasmonic Nanostructures. <i>Physical Review Letters</i> , 2012, 108, 106802.	2.9	188
54	Transformation Optics and Subwavelength Control of Light. <i>Science</i> , 2012, 337, 549-552.	6.0	310

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55	Localized Spoof Plasmons Arise while Texturing Closed Surfaces. Physical Review Letters, 2012, 108, 223905.	2.9	280
56	Transformation optics description of touching metal nanospheres. Physical Review B, 2012, 85, .	1.1	11
57	Comment on "Spaser Action, Loss Compensation, and Stability in Plasmonic Systems with Gain". Physical Review Letters, 2011, 107, 259703; discussion 259704.	2.9	17
58	Universal Evolution of Perfect Lenses. Physical Review Letters, 2011, 106, 165503.	2.9	26
59	Electromagnetic contribution to surface-enhanced Raman scattering from rough metal surfaces: A transformation optics approach. Physical Review B, 2011, 83, .	1.1	45
60	Three-Dimensional Invisibility Cloak at Optical Wavelengths. Science, 2010, 328, 337-339.	6.0	1,134
61	Plasmonic Light-Harvesting Devices over the Whole Visible Spectrum. Nano Letters, 2010, 10, 2574-2579.	4.5	345
62	Collection and Concentration of Light by Touching Spheres: A Transformation Optics Approach. Physical Review Letters, 2010, 105, 266807.	2.9	89
63	Conformal transformation applied to plasmonics beyond the quasistatic limit. Physical Review B, 2010, 82, .	1.1	40
64	Interaction between Plasmonic Nanoparticles Revisited with Transformation Optics. Physical Review Letters, 2010, 105, 233901.	2.9	123
65	Chirality in Swiss Roll metamaterials. Physica B: Condensed Matter, 2010, 405, 2943-2946.	1.3	6
66	Super phase array. New Journal of Physics, 2010, 12, 033047.	1.2	9
67	Reply to comment on "Quantum friction" fact or fiction?™. New Journal of Physics, 2010, 12, 068002.	1.2	35
68	Quantum friction" fact or fiction?. New Journal of Physics, 2010, 12, 033028.	1.2	101
69	Mimicking a negative refractive slab by combining two phase conjugators. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 72.	0.9	10
70	Broadband plasmonic device concentrating the energy at the nanoscale: The crescent-shaped cylinder. Physical Review B, 2010, 82, .	1.1	65
71	Surface Plasmons and Singularities. Nano Letters, 2010, 10, 4186-4191.	4.5	85
72	Holey metal films make perfect endoscopes. Physical Review B, 2009, 79, .	1.1	26

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73	Shrinking optical devices. <i>New Journal of Physics</i> , 2009, 11, 073033.	1.2	35
74	Numerical analysis of Swiss roll metamaterials. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 326006.	0.7	5
75	Extreme chirality in Swiss roll metamaterials. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 376003.	0.7	31
76	Negative refraction. <i>Contemporary Physics</i> , 2009, 50, 363-374.	0.8	6
77	All smoke and metamaterials. <i>Nature</i> , 2009, 460, 579-580.	13.7	40
78	Chiral Swiss rolls show a negative refractive index. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 292201.	0.7	34
79	Taking the wraps off cloaking. <i>Physics Magazine</i> , 2009, 2, .	0.1	24
80	A d.c. magnetic metamaterial. <i>Nature Materials</i> , 2008, 7, 295-297.	13.3	123
81	Transformation-optical design of sharp waveguide bends and corners. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	123
82	Taming spatial dispersion in wire metamaterial. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 295222.	0.7	86
83	Hiding under the Carpet: A New Strategy for Cloaking. <i>Physical Review Letters</i> , 2008, 101, 203901.	2.9	1,270
84	Time Reversal and Negative Refraction. <i>Science</i> , 2008, 322, 71-73.	6.0	186
85	An acoustic metafluid: realizing a broadband acoustic cloak. <i>New Journal of Physics</i> , 2008, 10, 115032.	1.2	144
86	Light finds a way through the maze. <i>Physics Magazine</i> , 2008, 1, .	0.1	27
87	Metamaterials and the Control of Electromagnetic Fields. , 2007, , CMB2.		11
88	Electromagnetic analysis of cylindrical invisibility cloaks and the mirage effect. <i>Optics Letters</i> , 2007, 32, 1069.	1.7	232
89	Transformation-designed optical elements. <i>Optics Express</i> , 2007, 15, 14772.	1.7	114
90	Metamaterials at zero frequency. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 076208.	0.7	160

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91	Guiding, Focusing, and Sensing on the Subwavelength Scale Using Metallic Wire Arrays. <i>Physical Review Letters</i> , 2007, 99, 053903.	2.9	168
92	An effective medium description of "Swiss Rolls"™, a magnetic metamaterial. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 456216.	0.7	24
93	Full-wave simulations of electromagnetic cloaking structures. <i>Physical Review E</i> , 2006, 74, 036621.	0.8	717
94	Directed subwavelength imaging using a layered metal-dielectric system. <i>Physical Review B</i> , 2006, 74, .	1.1	509
95	Calculation of material properties and ray tracing in transformation media. <i>Optics Express</i> , 2006, 14, 9794.	1.7	751
96	Sub-wavelength imaging at radio frequency. <i>Journal of Physics Condensed Matter</i> , 2006, 18, L315-L321.	0.7	51
97	Controlling Electromagnetic Fields. <i>Science</i> , 2006, 312, 1780-1782.	6.0	7,600
98	Metamaterial Electromagnetic Cloak at Microwave Frequencies. <i>Science</i> , 2006, 314, 977-980.	6.0	6,680
99	Electromagnetic response of a point-dipole crystal. <i>Physical Review B</i> , 2005, 72, .	1.1	18
100	Perfect corner reflector. <i>Optics Letters</i> , 2005, 30, 1204.	1.7	52
101	Surfaces with holes in them: new plasmonic metamaterials. <i>Journal of Optics</i> , 2005, 7, S97-S101.	1.5	920
102	Saturation of the Magnetic Response of Split-Ring Resonators at Optical Frequencies. <i>Physical Review Letters</i> , 2005, 95, 223902.	2.9	559
103	A Chiral Route to Negative Refraction. <i>Science</i> , 2004, 306, 1353-1355.	6.0	1,331
104	Terahertz Magnetic Response from Artificial Materials. <i>Science</i> , 2004, 303, 1494-1496.	6.0	1,437
105	Mimicking Surface Plasmons with Structured Surfaces. <i>Science</i> , 2004, 305, 847-848.	6.0	2,754
106	Metamaterials and Negative Refractive Index. <i>Science</i> , 2004, 305, 788-792.	6.0	3,779
107	Near-infrared photonic band gaps and nonlinear effects in negative magnetic metamaterials. <i>Physical Review B</i> , 2004, 69, .	1.1	166
108	Negative refraction. <i>Contemporary Physics</i> , 2004, 45, 191-202.	0.8	430

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109	Existence and properties of microwave surface plasmons at the interface between a right-handed and a left-handed media. , 2004, , .		8
110	Spherical perfect lens: Solutions of Maxwell's equations for spherical geometry. Physical Review B, 2004, 69, .	1.1	61
111	Focusing light using negative refraction. Journal of Physics Condensed Matter, 2003, 15, 6345-6364.	0.7	246
112	Refining the perfect lens. Physica B: Condensed Matter, 2003, 338, 329-332.	1.3	86
113	Positively negative. Nature, 2003, 423, 22-23.	13.7	112
114	Toward photonic-crystal metamaterials: Creating magnetic emitters in photonic crystals. Applied Physics Letters, 2003, 82, 1069-1071.	1.5	69
115	Removal of absorption and increase in resolution in a near-field lens via optical gain. Physical Review B, 2003, 67, .	1.1	239
116	Comment on "Left-Handed Materials Do Not Make a Perfect Lens". Physical Review Letters, 2003, 91, 099701; author reply 099702.	2.9	40
117	Comment on "Wave Refraction in Negative-Index Media: Always Positive and Very Inhomogeneous". Physical Review Letters, 2003, 90, 029703; discussion 029704.	2.9	66
118	Imaging the near field. Journal of Modern Optics, 2003, 50, 1419-1430.	0.6	263
119	Subwavelength imaging in photonic crystals. Physical Review B, 2003, 68, .	1.1	395
120	Negative refraction of modulated electromagnetic waves. Applied Physics Letters, 2002, 81, 2713-2715.	1.5	136
121	Near-field lenses in two dimensions. Journal of Physics Condensed Matter, 2002, 14, 8463-8479.	0.7	106
122	Very-low-frequency magnetic plasma. Journal of Physics Condensed Matter, 2002, 14, 7409-7416.	0.7	9
123	The asymmetric lossy near-perfect lens. Journal of Modern Optics, 2002, 49, 1747-1762.	0.6	156
124	Magnetic activity at infrared frequencies in structured metallic photonic crystals. Journal of Physics Condensed Matter, 2002, 14, 6383-6394.	0.7	175
125	All-angle negative refraction without negative effective index. Physical Review B, 2002, 65, .	1.1	821
126	Theory of Extraordinary Optical Transmission through Subwavelength Hole Arrays. Physical Review Letters, 2001, 86, 1114-1117.	2.9	1,559



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127	Pendry Replies:. Physical Review Letters, 2001, 87, .	2.9	27
128	Microstructured Magnetic Materials for RF Flux Guides in Magnetic Resonance Imaging. Science, 2001, 291, 849-851.	6.0	432
129	Pendry Replies:. Physical Review Letters, 2001, 87, .	2.9	38
130	Time-reversal symmetry, microcavities and photonic crystals. Journal of Modern Optics, 2001, 48, 581-595.	0.6	9
131	Electromagnetic materials enter the negative age. Physics World, 2001, 14, 47-51.	0.0	73
132	Time-reversal symmetry, microcavities and photonic crystals. Journal of Modern Optics, 2001, 48, 581-595.	0.6	6
133	A program for calculating photonic band structures, Green's functions and transmission/reflection coefficients using a non-orthogonal FDTD method. Computer Physics Communications, 2000, 128, 590-621.	3.0	44
134	Negative Refraction Makes a Perfect Lens. Physical Review Letters, 2000, 85, 3966-3969.	2.9	10,785
135	Order-N effective response of two-dimensional metallic structures. Surface Science, 2000, 454-456, 1090-1093.	0.8	5
136	Order-N photonic band structures for metals and other dispersive materials. Physical Review B, 1999, 59, 1874-1877.	1.1	30
137	Electromagnetic forces in photonic crystals. Physical Review B, 1999, 60, 2363-2374.	1.1	84
138	Radiative exchange of heat between nanostructures. Journal of Physics Condensed Matter, 1999, 11, 6621-6633.	0.7	353
139	Magnetism from conductors and enhanced nonlinear phenomena. IEEE Transactions on Microwave Theory and Techniques, 1999, 47, 2075-2084.	2.9	7,290
140	Transmission Resonances on Metallic Gratings with Very Narrow Slits. Physical Review Letters, 1999, 83, 2845-2848.	2.9	1,277
141	Interface modes of two-dimensional composite structures. Surface Science, 1999, 433-435, 605-611.	0.8	6
142	A program for calculating photonic band structures and Green's functions using a non-orthogonal FDTD method. Computer Physics Communications, 1998, 112, 23-41.	3.0	20
143	1/f Noise in localized systems. Superlattices and Microstructures, 1998, 23, 871-882.	1.4	0
144	Calculating photonic Green's functions using a nonorthogonal finite-difference time-domain method. Physical Review B, 1998, 58, 7252-7259.	1.1	101

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145	Can sheared surfaces emit light?. Journal of Modern Optics, 1998, 45, 2389-2408.	0.6	33
146	Low frequency plasmons in thin-wire structures. Journal of Physics Condensed Matter, 1998, 10, 4785-4809.	0.7	1,185
147	Effective electronic response of a system of metallic cylinders. Physical Review B, 1998, 57, 15261-15266.	1.1	33
148	Silver-filled carbon nanotubes used as spectroscopic enhancers. Physical Review B, 1998, 58, 6783-6786.	1.1	44
149	Mie resonances and bonding in photonic crystals. Europhysics Letters, 1997, 40, 613-618.	0.7	52
150	THE CASE FOR ORDER-N METHODS IN LEED THEORY. Surface Review and Letters, 1997, 04, 901-905.	0.5	0
151	Pendry et al. Reply:. Physical Review Letters, 1997, 78, 4136-4136.	2.9	4
152	The theory of SNOM: A novel approach. Journal of Modern Optics, 1997, 44, 1703-1714.	0.6	26
153	Electron energy loss in composite systems. Physical Review B, 1997, 55, 9550-9557.	1.1	17
154	Shearing the vacuum - quantum friction. Journal of Physics Condensed Matter, 1997, 9, 10301-10320.	0.7	233
155	Effective Medium Theory of the Optical Properties of Aligned Carbon Nanotubes. Physical Review Letters, 1997, 78, 4289-4292.	2.9	262
156	Green's functions for Maxwell's equations: application to spontaneous emission. Optical and Quantum Electronics, 1997, 29, 199-216.	1.5	45
157	Numerical method for calculating spontaneous emission rate near a surface using Green's functions. , 1996, , 299-308.		0
158	Refraction and geometry in Maxwell's equations. Journal of Modern Optics, 1996, 43, 773-793.	0.6	403
159	Calculating photonic band structure. Journal of Physics Condensed Matter, 1996, 8, 1085-1108.	0.7	174
160	Extremely Low Frequency Plasmons in Metallic Mesostructures. Physical Review Letters, 1996, 76, 4773-4776.	2.9	3,820
161	Collective Theory for Surface Enhanced Raman Scattering. Physical Review Letters, 1996, 77, 1163-1166.	2.9	867
162	Transfer Matrix Techniques for Electromagnetic Waves. , 1996, , 203-228.		17

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163	Diffuse low-energy electron diffraction. <i>Progress in Surface Science</i> , 1996, 52, 53-124.	3.8	35
164	Direct reconstruction of three-dimensional atomic adsorption sites by holographic LEED. <i>Physical Review B</i> , 1996, 54, 8172-8176.	1.1	25
165	Electromagnetic Field Distributions in Complex Dielectric Structures. , 1996, , 253-260.		0
166	A program for calculating photonic band structures and transmission coefficients of complex structures. <i>Computer Physics Communications</i> , 1995, 85, 306-322.	3.0	233
167	Electron energy loss in dense arrays of metallic particles. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1995, 96, 565-568.	0.6	7
168	Photonic dispersion surfaces. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 2217-2224.	0.7	35
169	Beyond Diffusion to Diffraction. <i>Journal of Modern Optics</i> , 1995, 42, 2495-2531.	0.6	4
170	Determination of anisotropic vibrations by tensor LEED. <i>Surface Science</i> , 1995, 331-333, 1435-1440.	0.8	28
171	Energy losses in colloidal metals. <i>Journal of Microscopy</i> , 1995, 180, 294-299.	0.8	0
172	Polarization Effects in Electromagnetic Wave Propagation in a Two-dimensional Disordered System. <i>Journal of Modern Optics</i> , 1995, 42, 339-366.	0.6	6
173	Electromagnetic Radiation in Nanostructures. , 1995, , 67-74.		0
174	Energy loss by charged particles in complex media. <i>Physical Review B</i> , 1994, 50, 5062-5073.	1.1	61
175	Symmetry and transport of waves in one-dimensional disordered systems. <i>Advances in Physics</i> , 1994, 43, 461-542.	35.9	178
176	Photonic Band Structures. <i>Journal of Modern Optics</i> , 1994, 41, 209-229.	0.6	462
177	A Polarized Transfer Matrix for Electromagnetic Waves in Structured Media. <i>Journal of Modern Optics</i> , 1994, 41, 1781-1802.	0.6	8
178	Theoretical calculations of STM data on Ni(100)-C for various concentrations of carbon. <i>Surface Science</i> , 1994, 303, 197-205.	0.8	12
179	Multiple scattering theory of electron diffraction. <i>Surface Science</i> , 1994, 299-300, 375-390.	0.8	23
180	Investigation of surface atom vibrations by tensor LEED. <i>Surface Science</i> , 1994, 301, 346-352.	0.8	49

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181	Interaction of surface states with rows of adsorbed atoms and other one-dimensional scatterers. <i>Physical Review B</i> , 1994, 50, 18607-18620.	1.1	64
182	LEED and the crystallography of surfaces. <i>Surface Science Reports</i> , 1993, 19, 87-97.	3.8	22
183	Quantum well resonances in scanning tunneling microscopy. <i>Surface Science</i> , 1993, 295, 34-42.	0.8	18
184	Coverage-dependent DLEED analysis of the adsorption structure of K on Ni(100). <i>Surface Science</i> , 1993, 293, 47-56.	0.8	39
185	Surface dipole moments from LEED investigations. <i>Surface Science</i> , 1993, 289, 389-396.	0.8	19
186	Transfer matrices and the glory. <i>Waves in Random and Complex Media</i> , 1993, 3, 221-241.	1.5	5
187	Scanning-tunneling-microscopy investigation of the $p(2\sqrt{3}\times 2)$ and $c(2\sqrt{3}\times 2)$ overlayers of S on Ni(100). <i>Physical Review B</i> , 1993, 48, 8267-8276.	1.1	21
188	Linear-superposition method for the multiple-scattering problem in low-energy-photoelectron diffraction. <i>Physical Review B</i> , 1993, 48, 9054-9057.	1.1	49
189	Scanning-tunneling-microscopy investigation of the Ni(100)- $p(2\sqrt{3}\times 2)$ C surface. <i>Physical Review B</i> , 1993, 48, 8356-8364.	1.1	14
190	Linear approximation to dynamical low-energy electron diffraction. <i>Physical Review B</i> , 1992, 46, 9897-9899.	1.1	28
191	Holographic reconstruction from measured diffuse low-energy-electron-diffraction intensities. <i>Physical Review B</i> , 1992, 45, 9402-9405.	1.1	22
192	The expansion of Tensor-LEED in Cartesian coordinates. <i>Surface Science</i> , 1992, 273, 261-270.	0.8	14
193	LEED-structure analysis of Ni(100)- $c(4\sqrt{3}\times 2)$ -K. <i>Surface Science</i> , 1992, 275, 185-189.	0.8	37
194	The clean and H-induced reconstruction of W(100) studied by LEED at slanting primary beam incidence. <i>Surface Science</i> , 1992, 271, 416-426.	0.8	39
195	Calculation of photon dispersion relations. <i>Physical Review Letters</i> , 1992, 69, 2772-2775.	2.9	656
196	Multi-terminal phase-coherent magnetoconductance. <i>Superlattices and Microstructures</i> , 1992, 11, 303-307.	1.4	0
197	Causal-surface Green's function method. <i>Surface Science</i> , 1991, 244, 160-176.	0.8	26
198	Ordered and disordered oxygen and sulfur on Ni(100). <i>Surface Science</i> , 1991, 251-252, 488-492.	0.8	29

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199	Structure and function at catalyst surfaces. <i>Catalysis Letters</i> , 1991, 9, 189-194.	1.4	4
200	Catching moonbeams. <i>Nature</i> , 1991, 351, 438-439.	13.7	3
201	Photonic insulators. <i>Nature</i> , 1991, 354, 435-436.	13.7	2
202	Theory of the scanning tunnelling microscope. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 4313-4321.	0.7	72
203	Singularities in forward scattering through random media. <i>Waves in Random and Complex Media</i> , 1991, 1, 195-206.	1.5	1
204	The localization length and density of states of 1D disordered systems. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 5297-5305.	0.7	6
205	Layer Korringa-Kohn-Rostoker electronic structure code for bulk and interface geometries. <i>Computer Physics Communications</i> , 1990, 60, 365-389.	3.0	111
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