William L Barnes

List of Publications by Year
in descending order

178 papers	27,220 citations	22153 59 h-index	6131 159 g-index
182 all docs	182 docs citations	182 times ranked	19716 citing authors

#	Article	IF	Citations
1	Surface plasmon subwavelength optics. Nature, 2003, 424, 824-830.	27.8	10,571
2	Strong coupling between surface plasmon polaritons and emitters: a review. Reports on Progress in Physics, 2015, 78, 013901.	20.1	1,109
3	Plasmonic Surface Lattice Resonances: A Review of Properties and Applications. Chemical Reviews, 2018, 118, 5912-5951.	47.7	931
4	Fluorescence near interfaces: The role of photonic mode density. Journal of Modern Optics, 1998, 45, 661-699.	1.3	923
5	Collective Resonances in Gold Nanoparticle Arrays. Physical Review Letters, 2008, 101, 143902.	7.8	915
6	Plasmonic meta-atoms and metasurfaces. Nature Photonics, 2014, 8, 889-898.	31.4	802
7	Plasmonic Materials. Advanced Materials, 2007, 19, 3771-3782.	21.0	745
8	Surface Plasmon Polaritons and Their Role in the Enhanced Transmission of Light through Periodic Arrays of Subwavelength Holes in a Metal Film. Physical Review Letters, 2004, 92, 107401.	7.8	645
9	Surface plasmonâ€“polariton length scales: a route to sub-wavelength optics. Journal of Optics, 2006, 8, S87-S93.	1.5	539
10	Physical origin of photonic energy gaps in the propagation of surface plasmons on gratings. Physical Review B, 1996, 54, 6227-6244.	3.2	472
11	Energy Transfer Across a Metal Film Mediated by Surface Plasmon Polaritons. Science, 2004, 306, 1002-1005.	12.6	441
12	Strong coupling between surface plasmon-polaritons and organic molecules in subwavelength hole arrays. Physical Review B, 2005, 71, .	3.2	397
13	Full Photonic Band Gap for Surface Modes in the Visible. Physical Review Letters, 1996, 77, 2670-2673.	7.8	357
14	Surface Plasmon Mediated Emission from Organic Light-Emitting Diodes. Advanced Materials, 2002, 14, 1393-1396.	21.0	307
15	Forster Energy Transfer in an Optical Microcavity. Science, 2000, 290, 785-788.	12.6	293
16	Novel Highly Conductive and Transparent Grapheneâ€Based Conductors. Advanced Materials, 2012, 24, 2844-2849.	21.0	289
17	Effects of hole depth on enhanced light transmission through subwavelength hole arrays. Applied Physics Letters, 2002, 81, 4327-4329.	3.3	284
18	Absorption and emission cross section of Er/sup 3+/ doped silica fibers. IEEE Journal of Quantum Electronics, 1991, 27, 1004-1010.	1.9	252

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19	Testing Theoretically Predicted Stalagmite Growth Rate with Recent Annually Laminated Samples: Implications for Past Stalagmite Deposition. Geochimica Et Cosmochimica Acta, 1998, 62, 393-404.	3.9	223
20	Increased Efficiency and Controlled Light Output from a Microstructured Light-Emitting Diode. Advanced Materials, 2001, 13, 123-127.	21.0	196
21	Diffractive arrays of gold nanoparticles near an interface: Critical role of the substrate. Physical Review B, 2010, 82, .	3.2	193
22	Strong excitonâ€“photon coupling in a low-Q all-metal mirror microcavity. Applied Physics Letters, 2002, 81, 3519-3521.	3.3	182
23	A thousand year speleothem proxy record of North Atlantic climate from Scotland. Climate Dynamics, 2000, 16, 815-820.	3.8	180
24	Light outcoupling efficiency of top-emitting organic light-emitting diodes. Applied Physics Letters, 2004, 84, 2986-2988.	3.3	180
25	Bragg scattering from periodically microstructured light emitting diodes. Applied Physics Letters, 2000, 77, 3340-3342.	3.3	175
26	Modification of the spontaneous emission rate ofEu3+ions close to a thin metal mirror. Physical Review B, 1997, 55, 7249-7254.	3.2	171
27	Plasmonic surface lattice resonances on arrays of different lattice symmetry. Physical Review B, 2014, 90, .	3.2	167
28	Relationship between photonic band structure and emission characteristics of a polymer distributed feedback laser. Physical Review B, 2001, 64, .	3.2	151
29	Operating characteristics of a semiconducting polymer laser pumped by a microchip laser. Applied Physics Letters, 2003, 82, 313-315.	3.3	134
30	Efficiency of spontaneous emission from planar microcavities. Journal of Modern Optics, 2000, 47, 725-741.	1.3	129
31	Variations in the discharge and organic matter content of stalagmite drip waters in Lower Cave, Bristol. Hydrological Processes, 1997, 11, 1541-1555.	2.6	122
32	Transition from localized surface plasmon resonance to extended surface plasmon-polariton as metallic nanoparticles merge to form a periodic hole array. Physical Review B, 2004, 69, .	3.2	119
33	Localized surface-plasmon resonances in periodic nondiffracting metallic nanoparticle and nanohole arrays. Physical Review B, 2009, 79, .	3.2	116
34	Determining the terahertz optical properties of subwavelength films using semiconductor surface plasmons. Applied Physics Letters, 2008, 93, .	3.3	115
35	Dirac-like Plasmons in Honeycomb Lattices of Metallic Nanoparticles. Physical Review Letters, 2013, 110, 106801.	7.8	115
36	Light Out-Coupling Efficiencies of Organic Light-Emitting Diode Structures and the Effect of Photoluminescence Quantum Yield. Advanced Functional Materials, 2005, 15, 1839-1844.	14.9	114

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37	THz Generation from Plasmonic Nanoparticle Arrays. Nano Letters, 2011, 11, 4718-4724.	9.1	113
38	Blue, surface-emitting, distributed feedback polyfluorene lasers. Applied Physics Letters, 2003, 83, 2118-2120.	3.3	111
39	Overlayers on Silver Nanotriangles:â€‰ Field Confinement and Spectral Position of Localized Surface Plasmon Resonances. Nano Letters, 2006, 6, 1772-1777.	9.1	109
40	Surface plasmon-polariton mediated light emission through thin metal films. Optics Express, 2004, 12, 3673.	3.4	104
41	Probing the chiral nature of electromagnetic fields surrounding plasmonic nanostructures. Physical Review B, 2013, 88, .	3.2	103
42	Efficient coupling of surface plasmon polaritons to radiation using a bi-grating. Applied Physics Letters, 2001, 79, 3035-3037.	3.3	102
43	Two-dimensional distributed feedback lasers using a broadband, red polyfluorene gain medium. Journal of Applied Physics, 2004, 96, 6959-6965.	2.5	97
44	Diffractive coupling in gold nanoparticle arrays and the effect of disorder. Optics Letters, 2009, 34, 401.	3.3	95
45	Sensitivity of Localized Surface Plasmon Resonances to Bulk and Local Changes in the Optical Environment. Journal of Physical Chemistry C, 2009, 113, 5120-5125.	3.1	94
46	Photonic surfaces for surface-plasmon polaritons. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1997, 14, 1654.	1.5	85
47	Coupled surface plasmon-polariton mediated photoluminescencefrom a top-emitting organic light-emitting structure. Applied Physics Letters, 2004, 85, 182-184.	3.3	81
48	Turning the tables on surface plasmons. Nature Materials, 2004, 3, 588-589.	27.5	81
49	Photonic gaps in the dispersion of surface plasmons on gratings. Physical Review B, 1995, 51, 11164-11167.	3.2	80
50	Long-Range Refractive Index Sensing Using Plasmonic Nanostructures. Journal of Physical Chemistry C, 2007, 111, 11806-11810.	3.1	77
51	Photonic band structure and emission characteristics of a metal-backed polymeric distributed feedback laser. Applied Physics Letters, 2002, 81, 954-956.	3.3	75
52	Modification of the spontaneous emission rate of Eu^{3+} ions embedded within a dielectric layer above a silver mirror. Physical Review A, 1999, 59, 865-872.	2.5	71
53	Coupling localized and extended plasmons to improve the light extraction through metal films. Optics Express, 2007, 15, 10533.	3.4	70
54	Optical Field-Enhancement and Subwavelength Field-Confinement Using Excitonic Nanostructures. Nano Letters, 2014, 14, 2339-2344.	9.1	70

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55	All-optical switching of an epsilon-near-zero plasmon resonance in indium tin oxide. Nature Communications, 2021, 12, 1017.	12.8	66
56	Large spectral extinction due to overlap of dipolar and quadrupolar plasmonic modes of metallic nanoparticles in arrays. Optics Express, 2010, 18, 3187.	3.4	65
57	Surface Lattice Resonances in Plasmonic Arrays of Asymmetric Disc Dimers. ACS Photonics, 2016, 3, 634-639.	6.6	65
58	Surface plasmon-polariton mediated emission from phosphorescent dendrimer light-emitting diodes. Applied Physics Letters, 2006, 88, 161105.	3.3	62
59	Resonant absorption of electromagnetic fields by surface plasmons buried in a multilayered plasmonic nanostructure. Physical Review B, 2006, 74, .	3.2	61
60	Surface plasmon mediated transmission of subwavelength slits at THz frequencies. Physical Review B, 2008, 77, .	3.2	59
61	Surface-plasmon energy gaps and photoluminescence. Physical Review B, 1995, 52, 11441-11445.	3.2	58
62	High-quantum-efficiency Er^3+ fiber lasers pumped at 980 nm. Optics Letters, 1989, 14, 1002.	3.3	57
63	Molecular fluorescence above metallic gratings. Physical Review B, 2001, 64, .	3.2	57
64	Fluorescence near interfaces: the role of photonic mode density. Journal of Modern Optics, 1998, 45, 661-699.	1.3	57
65	Photonic mode dispersion of a two-dimensional distributed feedback polymer laser. Physical Review B, 2003, 67, .	3.2	56
66	Variations in stalagmite luminescence laminae structure at Poole's Cavern, England, AD 1910Â±1996: calibration of a palaeoprecipitation proxy. Holocene, 1999, 9, 683-688.	1.7	52
67	Emission of light through thin silver films via near-field coupling to surface plasmon polaritons. Applied Physics Letters, 2006, 88, 051109.	3.3	52
68	Light emission through a corrugated metal film:â€ƒThe role of cross-coupled surface plasmon polaritons. Physical Review B, 2004, 69, .	3.2	50
69	Stalagmite lamina doublets: a 1000 year proxy record of severe winters in northwest Scotland?. International Journal of Climatology, 2002, 22, 1339-1345.	3.5	49
70	Comparing experiment and theory in plasmonics. Journal of Optics, 2009, 11, 114002.	1.5	48
71	Classical antennas, quantum emitters, and densities of optical states. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	44
72	Fluorescence intensity variations of speleothem-forming groundwaters: Implications for paleoclimate reconstruction. Water Resources Research, 1999, 35, 407-413.	4.2	43

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73	Mechanisms of THz generation from silver nanoparticle and nanohole arrays illuminated by 100 fs pulses of infrared light. Physical Review B, 2014, 89, .	3.2	43
74	Plasmonic surface lattice resonances in arrays of metallic nanoparticle dimers. Journal of Optics (United Kingdom), 2016, 18, 035005.	2.2	43
75	Direct observation of surface plasmon-polariton dispersion. Optics Express, 2005, 13, 428.	3.4	42
76	Can lasing at visible wavelengths be achieved using the low-loss long-range surface plasmon-polariton mode?. New Journal of Physics, 2006, 8, 125-125.	2.9	42
77	Transmission of light through thin silver films via surface plasmon-polaritons. Optics Express, 2004, 12, 5881.	3.4	41
78	Localized surface-plasmon resonances and negative refractive index in nanostructured electromagnetic metamaterials. Physical Review B, 2009, 80, .	3.2	41
79	Excitonic Optical Tamm States: A Step toward a Full Molecularâ€“Dielectric Photonic Integration. ACS Photonics, 2016, 3, 743-748.	6.6	40
80	Surface profile dependence of surface plasmon band gaps on metallic gratings. Journal of Applied Physics, 1996, 79, 7383-7385.	2.5	39
81	Optical properties of a light-emitting polymer directly patterned by soft lithography. Applied Physics Letters, 2002, 81, 1955-1957.	3.3	39
82	Cascaded Optical Field Enhancement in Composite Plasmonic Nanostructures. Physical Review Letters, 2010, 105, 246806.	7.8	38
83	Nanoscale Design of the Local Density of Optical States. Nano Letters, 2019, 19, 1613-1617.	9.1	38
84	Manipulating type-I and type-II Dirac polaritons in cavity-embedded honeycomb metasurfaces. Nature Communications, 2018, 9, 2194.	12.8	37
85	Modification of spontaneous emission lifetimes in the presence of corrugated metallic surfaces. Physical Review B, 1999, 59, 7708-7714.	3.2	36
86	Particle plasmons: Why shape matters. American Journal of Physics, 2016, 84, 593-601.	0.7	35
87	Vibrational Strong Coupling with Surface Plasmons and the Presence of Surface Plasmon Stop Bands. ACS Photonics, 2019, 6, 2110-2116.	6.6	35
88	Low threshold edge emitting polymer distributed feedback laser based on a square lattice. Applied Physics Letters, 2005, 86, 161102.	3.3	34
89	Fluorescence enhancement through modified dye molecule absorption associated with the localized surface plasmon resonances of metallic dimers. New Journal of Physics, 2008, 10, 105002.	2.9	33
90	Composite Au Nanostructures for Fluorescence Studies in Visible Light. Nano Letters, 2010, 10, 874-879.	9.1	33

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91	Efficiency of radiative emission from thin films of a light-emitting conjugated polymer. Physical Review B, 2001, 64, .	3.2	32
92	Field profiles of coupled surface plasmon-polaritons. Journal of Modern Optics, 2008, 55, 2929-2943.	1.3	32
93	Excitation of molecular fluorescence via surface plasmon polaritons. Journal of Modern Optics, 1996, 43, 573-582.	1.3	29
94	Hybridization of Multiple Vibrational Modes via Strong Coupling Using Confined Light Fields. Advanced Optical Materials, 2019, 7, 1900403.	7.3	29
95	Strong Lightâ€“Matter Coupling in Carbon Nanotubes as a Route to Exciton Brightening. ACS Photonics, 2019, 6, 904-914.	6.6	27
96	Dependence on surface profile in grating-assisted coupling of light to surface plasmon-polaritons. Optics Communications, 2006, 261, 291-295.	2.1	25
97	Cavity-Free Ultrastrong Light-Matter Coupling. Journal of Physical Chemistry Letters, 2021, 12, 6914-6918.	4.6	24
98	Photonic band gaps in metallic microcavities. Journal of Applied Physics, 1998, 84, 2399-2403.	2.5	23
99	Comparison of the luminescence properties of waters depositing flowstone and stalagmites at Lower Cave, Bristol. , 1998, 12, 1447-1459.		22
100	Enhancing the magneto-optical Kerr effect through the use of a plasmonic antenna. Optics Express, 2018, 26, 4738.	3.4	22
101	Flat photonic bands in guided modes of textured metallic microcavities. Physical Review B, 2000, 61, 11125-11135.	3.2	21
102	Coupling effciency of surface plasmon polaritons to radiation using a corrugated surface; angular dependence. Journal of Modern Optics, 2002, 49, 1453-1462.	1.3	21
103	Electromagnetic interactions in a pair of coupled split-ring resonators. Physical Review B, 2017, 96, .	3.2	21
104	Molecular Monolayer Strong Coupling in Dielectric Soft Microcavities. Nano Letters, 2020, 20, 1766-1773.	9.1	21
105	A rapid, non-destructive scanning method for detecting distal tephra layers in peats. Holocene, 1999, 9, 635-638.	1.7	20
106	Quantum optics: Energy transfer under control. Nature, 1999, 400, 505-506.	27.8	19
107	Strong Coupling beyond the Light-Line. ACS Photonics, 2020, 7, 2448-2459.	6.6	19
108	Rate and efficiency of spontaneous emission in metal-clad microcavities. Journal of Applied Physics, 2001, 89, 615-625.	2.5	18

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109	Variable-Angle Time-Resolved Evanescent Wave-Induced Fluorescence Spectroscopy (VATR-EWIFS):Â A Technique for Concentration Profiling Fluorophores at Dielectric Interfaces. Journal of Physical Chemistry B, 1998, 102, 10326-10333.	2.6	17
110	Electrically Tuneable Excitonâ€Polaritons through Free Electron Doping in Monolayer WS₂ Microcavities. Advanced Optical Materials, 2019, 7, 1900484.	7.3	17
111	A New Signature for Strong Lightâ€“Matter Coupling Using Spectroscopic Ellipsometry. Nano Letters, 2020, 20, 6412-6419.	9.1	17
112	Efficiency of spontaneous emission from planar microcavities. Journal of Modern Optics, 2000, 47, 725-741.	1.3	17
113	Surface-plasmon energy gaps and photoabsorption. Journal of Modern Optics, 1997, 44, 395-406.	1.3	16
114	Surface-mode lifetime and the terahertz transmission of subwavelength hole arrays. Physical Review B, 2009, 80, .	3.2	16
115	A platform for time-resolved scanning Kerr microscopy in the near-field. Review of Scientific Instruments, 2017, 88, 123708.	1.3	16
116	Fluorescence in the presence of metallic hole arrays. Journal of Modern Optics, 2005, 52, 1105-1122.	1.3	15
117	Localized excitonâ€“polariton modes in dye-doped nanospheres: a quantum approach. Journal of Optics (United Kingdom), 2016, 18, 015001.	2.2	15
118	All-optical control of phase singularities using strong light-matter coupling. Nature Communications, 2022, 13, 1809.	12.8	15
119	Spontaneous emission within metal-clad microcavities. Journal of Optics, 1999, 1, 501-506.	1.5	14
120	Graphene as a substrate for plasmonic nanoparticles. Journal of Optics (United Kingdom), 2013, 15, 114001.	2.2	14
121	Determining the orientation of the emissive dipole moment associated with dye molecules in microcavity structures. Journal of Modern Optics, 2004, 51, 2287-2295.	1.3	13
122	Special Issue on â€œStrong Coupling of Molecules to Cavitiesâ€• ACS Photonics, 2018, 5, 1-1.	6.6	12
123	Investigation of the coupling between tunable split-ring resonators. Physical Review B, 2018, 98, .	3.2	12
124	Double-grating-structured light microscopy using plasmonic nanoparticle arrays. Optics Letters, 2009, 34, 1255.	3.3	11
125	Excitonic surface lattice resonances. Journal of Optics (United Kingdom), 2016, 18, 085004.	2.2	10
126	Metamaterial Analogues of Molecular Aggregates. ACS Photonics, 2019, 6, 3003-3009.	6.6	10

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127	Probing Vibrational Strong Coupling of Molecules with Wavelengthâ€Modulated Raman Spectroscopy. Advanced Optical Materials, 2022, 10, .	7.3	10
128	Controlling the generation of THz radiation from metallic films using periodic microstructure. Applied Physics B: Lasers and Optics, 2015, 120, 53-59.	2.2	9
129	Hybridised excitonâ€“polariton resonances in coreâ€“shell nanoparticles. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overl	2.2	9
130	Reflected phonons reveal strong coupling. Nature Photonics, 2021, 15, 169-170.	31.4	9
131	Microcavities, texture symmetry, and photonic bandgaps. Journal of the Optical Society of America B: Optical Physics, 2001, 18, 240.	2.1	8
132	Role of surface profiles in surface plasmon-polariton-mediated emission of light through a thin metal film. Journal of Modern Optics, 2006, 53, 429-436.	1.3	8
133	Absence of Anderson localization in certain random lattices. Physical Review E, 2017, 96, 022122.	2.1	8
134	Optical loss in Langmuir-Blodgett multi-layers of 22-tricosenoic acid. Journal Physics D: Applied Physics, 1987, 20, 1125-1128.	2.8	7
135	Photonic band gaps and flat band edges in periodically textured metallic microcavities. Applied Physics Letters, 2000, 77, 193-195.	3.3	7
136	Single vs double anti-crossing in the strong coupling between surface plasmons and molecular excitons. Journal of Chemical Physics, 2021, 154, 024704.	3.0	7
137	Spontaneous emission and energy transfer in the optical microcavity. Contemporary Physics, 2000, 41, 287-300.	1.8	6
138	Photonic band structure and emissive characteristics of MEH-PPV textured microcavities. Journal of Modern Optics, 2001, 48, 1085-1098.	1.3	6
139	Photoluminescence emission through thin metal films via coupled surface plasmonâ€“polaritons. Journal of Modern Optics, 2005, 52, 833-843.	1.3	6
140	The Basics of Plasmonics. Handbook of Surface Science, 2014, , 37-74.	0.3	6
141	Spontaneous emission from within a metal-clad cavity mediated by coupled surface plasmonâ€“polaritons. Journal of Physics Condensed Matter, 2008, 20, 304218.	1.8	5
142	Metallic metamaterials and plasmonics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3431-3433.	3.4	5
143	Design and fabrication of plasmonic cavities for magneto-optical sensing. AIP Advances, 2018, 8, .	1.3	5
144	Photonic band structure and emissive characteristics of MEH-PPV textured microcavities. Journal of Modern Optics, 2001, 48, 1085-1098.	1.3	5

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145	Orientational inhomogeneity and scattering in Langmuir-Blodgett films of 22-tricosenoic acid. Journal Physics D: Applied Physics, 1988, 21, 773-779.	2.8	4
146	Realizing an ultra-wideband backward-wave metamaterial waveguide. Physical Review B, 2018, 98, .	3.2	4
147	Electrically tuneable exciton energy exchange between spatially separated 2-dimensional semiconductors in a microcavity. Applied Physics Letters, 2019, 115, 071103.	3.3	4
148	Ensemble strong coupling. New Journal of Physics, 2015, 17, 081001.	2.9	3
149	New horizons for nanophotonics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160380.	3.4	3
150	Polariton assisted photoemission from a layered molecular material: role of vibrational states and molecular absorption. Nanoscale, 2021, 13, 14497-14505.	5.6	3
151	Strong Coupling of Multimolecular Species to Soft Microcavities. Journal of Physical Chemistry Letters, 2022, 13, 1019-1024.	4.6	3
152	OPTOELECTRONICS:Reflections on Polymers. Science, 1999, 285, 211-212.	12.6	2
153	<title>Surface plasmon mediated emission from organic materials</title>. , 2002, , .		2
154	Controlling the optical emission from the polymer MEH-PPV using corrugated thin films. EPJ Applied Physics, 2002, 18, 89-97.	0.7	2
155	Increased Efficiency and Controlled Light Output from a Microstructured Light-Emitting Diode. , 2001, 13, 123.		2
156	<title>Photonic band structure and emission characteristics of a metal-backed polymeric distributed feedback laser</title>. , 2002, , .		1
157	<title>Coupling to surface modes of metal-based photonic crystals</title>. , 2002, 4655, 132.		1
158	Surface plasmon polariton mediated emission of light. , 2004, , .		1
159	Plasmonics for THz frequency applications. , 2011, , .		1
160	Plasmon Biophotonic Arrays for Multi-analyte Biosensing in Complex Media. , 2012, , 127-151.		1
161	Peer-review thoughts. Physics World, 2016, 29, 21-22.	0.0	1
162	Organic materials instead of metals for plasmonics. , 2017, , .		1

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163	The danger of going online only. Physics World, 2020, 33, 19-19.	0.0	1
164	Metamaterial Analogues of Strongly Coupled Molecular Ensembles. ACS Photonics, 2021, 8, 2997-3003.	6.6	1
165	Variations in the discharge and organic matter content of stalagmite drip waters in Lower Cave, Bristol. , 1997, 11, 1541.		1
166	Determining the orientation of the emissive dipole moment associated with dye molecules in microcavity structures. Journal of Modern Optics, 2004, 51, 2287-2295.	1.3	1
167	Optimal position of an emitter in a wavelength-scale parabolic reflector. Applied Optics, 2019, 58, 7957.	1.8	1
168	Direct observation of defect modes in molecular aggregate analogs. Physical Review B, 2020, 102, .	3.2	1
169	Ghost Image Processing. Optics Express, 2022, 30, 7035-7043.	3.4	1
170	The emission of light through thin metal films via surface plasmon-polaritons (Invited Paper). , 2005, 5840, 353.		0
171	Terahertz surface plasmons for subwavelength sensing and spectroscopy. , 2008, , .		0
172	Extinction and scattering of metallic nanoparticles in ordered and random arrays. Proceedings of SPIE, 2010, , .	0.8	0
173	Plasmonics and THz frequency generation. , 2011, , .		0
174	Transient plasmon-like modes in multi-level quantum emitter systems. Proceedings of SPIE, 2014, , .	0.8	0
175	Enhancement of optical energy delivery through strongly scattering media by wavefront shaping techniques. , 2017, , .		0
176	Design of strong-coupling microcavities for optoelectronic applications. , 2017, , .		0
177	3 Ways to View the Local Density of Optical States. , 2021, , .		0
178	In Vivo Spectroscopic Imaging of Biological Membranes and Surface Imaging for High-Throughput Screening. , 2010, , 17-1-17-13.		0