

Joel K W Yang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8760968/joel-k-w-yang-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

9,930
citations

49
h-index

97
g-index

161
ext. papers

11,579
ext. citations

10.2
avg, IF

6.31
L-index

#	Paper	IF	Citations
153	Nanoscale mapping of optically inaccessible bound-states-in-the-continuum.. <i>Light: Science and Applications</i> , 2022 , 11, 20	16.7	6
152	Schrödinger's red pixel by quasi-bound-states-in-the-continuum.. <i>Science Advances</i> , 2022 , 8, eabm4512	14.3	9
151	Reconfiguring Colors of Single Relief Structures by Directional Stretching. <i>Advanced Materials</i> , 2021 , e2108128	24	7
150	Hierarchical Colorful Structures by Three-Dimensional Printing of Inverse Opals. <i>Nano Letters</i> , 2021 , 21, 8602-8608	11.5	6
149	3D printed fiber sockets for plug and play micro-optics. <i>International Journal of Extreme Manufacturing</i> , 2021 , 3, 015301	7.9	4
148	Multiphoton Upconversion Enhanced by Deep Subwavelength Near-Field Confinement. <i>Nano Letters</i> , 2021 , 21, 3044-3051	11.5	12
147	Full Color and Grayscale Painting with 3D Printed Low-Index Nanopillars. <i>Nano Letters</i> , 2021 , 21, 4721-4729	11.5	9
146	Optical Fireworks Based on Multifocal Three-Dimensional Color Prints. <i>ACS Nano</i> , 2021 , 15, 10185-10193	16.7	7
145	Silicon Nanoantenna Mix Arrays for a Trifecta of Quantum Emitter Enhancements. <i>Nano Letters</i> , 2021 , 21, 4853-4860	11.5	5
144	High-resolution light field prints by nanoscale 3D printing. <i>Nature Communications</i> , 2021 , 12, 3728	17.4	8
143	Nanophotonic Structural Colors. <i>ACS Photonics</i> , 2021 , 8, 18-33	6.3	80
142	Structural multi-colour invisible inks with submicron 4D printing of shape memory polymers. <i>Nature Communications</i> , 2021 , 12, 112	17.4	42
141	Metasurface-Driven Optically Variable Devices. <i>Chemical Reviews</i> , 2021 , 121, 13013-13050	68.1	26
140	Rewritable color nanoprints in antimony trisulfide films. <i>Science Advances</i> , 2020 , 6,	14.3	33
139	Plasma-assisted filling electron beam lithography for high throughput patterning of large area closed polygon nanostructures. <i>Nanoscale</i> , 2020 , 12, 10584-10591	7.7	3
138	Direct Color Printing with an Electron Beam. <i>Nano Letters</i> , 2020 , 20, 4422-4429	11.5	16
137	Bio-inspired Photonic Masquerade with Perturbative Metasurfaces. <i>ACS Nano</i> , 2020 , 14, 7529-7537	16.7	5

136	Darkfield colors from multi-periodic arrays of gap plasmon resonators. <i>Nanophotonics</i> , 2020 , 9, 533-545	6.3	14
135	Single-Layer Aberration-Compensated Flat Lens for Robust Wide-Angle Imaging. <i>Laser and Photonics Reviews</i> , 2020 , 14, 2000017	8.3	12
134	In-Plane Direct-Write Assembly of Iridescent Colloidal Crystals. <i>Small</i> , 2020 , 16, e1905519	11	17
133	Patterned resist on flat silver achieving saturated plasmonic colors with sub-20-nm spectral linewidth. <i>Materials Today</i> , 2020 , 35, 99-105	21.8	13
132	Applying Machine Learning to the Optics of Dielectric Nanoblobs. <i>Advanced Photonics Research</i> , 2020 , 1, 2000068	1.9	5
131	Acoustic Vibration-Induced Actuation of Multiple Microrotors in Microfluidics. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000323	6.8	8
130	Toward Near-Perfect Diffractive Optical Elements Nanoscale 3D Printing. <i>ACS Nano</i> , 2020 , 14, 10452-10461	17	24
129	Structural color three-dimensional printing by shrinking photonic crystals. <i>Nature Communications</i> , 2019 , 10, 4340	17.4	93
128	Ultraviolet Interband Plasmonics With Si Nanostructures. <i>Nano Letters</i> , 2019 , 19, 8040-8048	11.5	21
127	Tunable Resonator-Upconverted Emission (TRUE) Color Printing and Applications in Optical Security. <i>Advanced Materials</i> , 2019 , 31, e1807900	24	71
126	Off-Axis Holography with Uniform Illumination via 3D Printed Diffractive Optical Elements. <i>Advanced Optical Materials</i> , 2019 , 7, 1900068	8.1	19
125	Surface-Enhanced Infrared Absorption Spectroscopy Using Charge Transfer Plasmons. <i>ACS Photonics</i> , 2019 , 6, 1272-1278	6.3	14
124	Secure Printing: Tunable Resonator-Upconverted Emission (TRUE) Color Printing and Applications in Optical Security (Adv. Mater. 15/2019). <i>Advanced Materials</i> , 2019 , 31, 1970106	24	4
123	Wide-Gamut Plasmonic Color Palettes with Constant Subwavelength Resolution. <i>ACS Nano</i> , 2019 , 13, 3580-3588	16.7	57
122	In-plane coherent control of plasmon resonances for plasmonic switching and encoding. <i>Light: Science and Applications</i> , 2019 , 8, 21	16.7	13
121	Tunable, Cost-Effective, and Scalable Structural Colors for Sensing and Consumer Products. <i>Advanced Optical Materials</i> , 2019 , 7, 1900735	8.1	47
120	Voltage-gated optics and plasmonics enabled by solid-state proton pumping. <i>Nature Communications</i> , 2019 , 10, 5030	17.4	32
119	Dielectric multi-momentum meta-transformer in the visible. <i>Nature Communications</i> , 2019 , 10, 4789	17.4	50

118	Micro-tags for art: covert visible and infrared images using gap plasmons in native aluminum oxide. <i>Optical Materials Express</i> , 2019 , 9, 788	2.6	13
117	Design, Manufacture, and Analysis of Photonic Materials for Historical and Modern Visual Art: feature issue introduction. <i>Optical Materials Express</i> , 2019 , 9, 2128	2.6	2
116	Rotation-Selective Moiré Magnification of Structural Color Pattern Arrays. <i>ACS Nano</i> , 2019 , 13, 14138-14144	14.7	15
115	Upconversion superburst with sub-2 ps lifetime. <i>Nature Nanotechnology</i> , 2019 , 14, 1110-1115	28.7	69
114	Holographic colour prints for enhanced optical security by combined phase and amplitude control. <i>Nature Communications</i> , 2019 , 10, 25	17.4	120
113	Complex Inverse Design of Meta-optics by Segmented Hierarchical Evolutionary Algorithm. <i>ACS Nano</i> , 2019 , 13, 821-829	16.7	24
112	Wide Bandgap Phase Change Material Tuned Visible Photonics. <i>Advanced Functional Materials</i> , 2019 , 29, 1806181	15.6	103
111	Selectively Plasmon-Enhanced Second-Harmonic Generation from Monolayer Tungsten Diselenide on Flexible Substrates. <i>ACS Nano</i> , 2018 , 12, 1859-1867	16.7	58
110	Large-Aperture and Grain-Boundary Engineering through Template-Assisted Metal Dewetting for Resonances in the Short Wave Infrared. <i>ACS Photonics</i> , 2018 , 5, 511-519	6.3	1
109	Plasmon-Assisted Zone-Selective Repair of Nanoscale Electrical Breakdown Paths in Metal/Oxide/Metal Structures for Near-Field Optical Sensing. <i>ACS Applied Nano Materials</i> , 2018 , 1, 4340-4350	5.6	3
108	Highly Directive Hybrid Metal-Dielectric Yagi-Uda Nanoantennas. <i>ACS Nano</i> , 2018 , 12, 8616-8624	16.7	34
107	Stepwise-Nanocavity-Assisted Transmissive Color Filter Array Microprints. <i>Research</i> , 2018 , 2018, 8109054	4.8	44
106	Noninterleaved Metasurface for (2-1) Spin- and Wavelength-Encoded Holograms. <i>Nano Letters</i> , 2018 , 18, 8016-8024	11.5	125
105	Sub-10-nm suspended nano-web formation by direct laser writing. <i>Nano Futures</i> , 2018 , 2, 025006	3.6	16
104	Energy transfer and depolarization in the photoluminescence of a plasmonic molecule. <i>Nanoscale</i> , 2017 , 9, 2082-2087	7.7	7
103	Nanoscale spirals by directed self-assembly. <i>Nano Futures</i> , 2017 , 1, 015001	3.6	23
102	Second order directed positioning of nanoparticles induced by the main terminal meniscus shape in irregular template cavities. <i>Nanoscale</i> , 2017 , 9, 9886-9892	7.7	2
101	Printing Beyond sRGB Color Gamut by Mimicking Silicon Nanostructures in Free-Space. <i>Nano Letters</i> , 2017 , 17, 7620-7628	11.5	169

100	Plasmonic colour generation. <i>Nature Reviews Materials</i> , 2017 , 2,	73.3	435
99	On the correlation of absorption cross-section with plasmonic color generation. <i>Optics Express</i> , 2017 , 25, 27652-27664	3.3	22
98	Chalcogenide active photonics 2017 ,		11
97	Charge transfer plasmon resonances across silver-molecule-silver junctions: estimating the terahertz conductance of molecules at near-infrared frequencies. <i>RSC Advances</i> , 2016 , 6, 70884-70894	3.7	14
96	Giant photoluminescence enhancement in tungsten-diselenide-gold plasmonic hybrid structures. <i>Nature Communications</i> , 2016 , 7, 11283	17.4	201
95	Wideband Absorbers in the Visible with Ultrathin Plasmonic-Phase Change Material Nanogratings. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 12713-12722	3.8	54
94	Silicon multi-meta-holograms for the broadband visible light. <i>Laser and Photonics Reviews</i> , 2016 , 10, 500-509	8.9	143
93	From 1D to 3D: Tunable Sub-10 nm Gaps in Large Area Devices. <i>Advanced Materials</i> , 2016 , 28, 2956-63	24	46
92	Large Area Plasmonic Color Palettes with Expanded Gamut Using Colloidal Self-Assembly. <i>ACS Photonics</i> , 2016 , 3, 627-633	6.3	70
91	A high performance, visible to mid-infrared photodetector based on graphene nanoribbons passivated with HfO ₂ . <i>Nanoscale</i> , 2016 , 8, 327-32	7.7	60
90	Nanostructure Formation by controlled dewetting on patterned substrates: A combined theoretical, modeling and experimental study. <i>Scientific Reports</i> , 2016 , 6, 32398	4.9	17
89	Anomalous Shift Behaviors in the Photoluminescence of Dolmen-Like Plasmonic Nanostructures. <i>ACS Photonics</i> , 2016 , 3, 979-984	6.3	20
88	Comparative Study of Plasmonic Colors from All-Metal Structures of Posts and Pits. <i>ACS Photonics</i> , 2016 , 3, 1000-1009	6.3	39
87	Room-temperature mid-infrared photodetector in all-carbon graphene nanoribbon-C ₆₀ hybrid nanostructure. <i>Optica</i> , 2016 , 3, 979	8.6	33
86	Stacking of colors in exfoliable plasmonic superlattices. <i>Nanoscale</i> , 2016 , 8, 18228-18234	7.7	22
85	Directed self-assembly of sub-10 nm particle clusters using topographical templates. <i>Nanotechnology</i> , 2016 , 27, 424001	3.4	11
84	Directed Self-Assembly of sub-10 nm Particles: Role of Driving Forces and Template Geometry in Packing and Ordering. <i>Langmuir</i> , 2015 , 31, 8548-57	4	16
83	Probing Vertical and Horizontal Plasmonic Resonant States in the Photoluminescence of Gold Nanodisks. <i>ACS Photonics</i> , 2015 , 2, 1217-1223	6.3	20

82	Dynamically configurable hybridization of plasmon modes in nanoring dimer arrays. <i>Nanoscale</i> , 2015 , 7, 12018-22	7.7	26
81	Color generation via subwavelength plasmonic nanostructures. <i>Nanoscale</i> , 2015 , 7, 6409-19	7.7	214
80	Plasmon excitation on flat graphene by s-polarized beams using four-wave mixing. <i>Optics Express</i> , 2015 , 23, 7809-19	3.3	11
79	Electrically-Excited Surface Plasmon Polaritons with Directionality Control. <i>ACS Photonics</i> , 2015 , 2, 385-391	3.1	31
78	Second-Harmonic Generation from Sub-5 nm Gaps by Directed Self-Assembly of Nanoparticles onto Template-Stripped Gold Substrates. <i>Nano Letters</i> , 2015 , 15, 5976-81	11.5	61
77	Room temperature Coulomb blockade effects in Au nanocluster/pentacene single electron transistors. <i>Nanotechnology</i> , 2015 , 26, 355204	3.4	19
76	Accurate Modeling of Dark-Field Scattering Spectra of Plasmonic Nanostructures. <i>ACS Nano</i> , 2015 , 9, 10039-46	16.7	27
75	All-metal nanostructured substrates as subtractive color reflectors with near-perfect absorptance. <i>Optics Express</i> , 2015 , 23, 32597-605	3.3	37
74	High aspect ratio 10-nm-scale nanoaperture arrays with template-guided metal dewetting. <i>Scientific Reports</i> , 2015 , 5, 9654	4.9	18
73	Large Area Directed Self-Assembly of Sub-10 nm Particles with Single Particle Positioning Resolution. <i>Nano Letters</i> , 2015 , 15, 6066-70	11.5	31
72	Encapsulated annealing: enhancing the plasmon quality factor in lithographically-defined nanostructures. <i>Scientific Reports</i> , 2014 , 4, 5537	4.9	81
71	Quantum plasmon resonances controlled by molecular tunnel junctions. <i>Science</i> , 2014 , 343, 1496-9	33.3	335
70	Determination of Position Jitter and Dot-Size Fluctuations in Patterned Arrays Fabricated by the Directed Self-Assembly of Gold Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 51-55	2	5
69	Direct excitation of dark plasmonic resonances under visible light at normal incidence. <i>Nanoscale</i> , 2014 , 6, 2106-11	7.7	16
68	Three-dimensional plasmonic stereoscopic prints in full colour. <i>Nature Communications</i> , 2014 , 5, 5361	17.4	218
67	Image Dipole Method for the Beaming of Plasmons from Point Sources. <i>ACS Photonics</i> , 2014 , 1, 1307-1312	6.3	6
66	Anomalous behavior of nearly-entire visible band manipulated with degenerated image dipole array. <i>Nanoscale</i> , 2014 , 6, 12303-9	7.7	39
65	Fabrication of suspended metal-dielectric-metal plasmonic nanostructures. <i>Nanotechnology</i> , 2014 , 25, 135303	3.4	14

64	Template-induced structure transition in sub-10 nm self-assembling nanoparticles. <i>Nano Letters</i> , 2014 , 14, 2642-6	11.5	24
63	Plasmonic color palettes for photorealistic printing with aluminum nanostructures. <i>Nano Letters</i> , 2014 , 14, 4023-9	11.5	410
62	ENGINEERING PLASMONIC COLORS IN METAL NANOSTRUCTURES. <i>Journal of Molecular and Engineering Materials</i> , 2014 , 02, 1440011	1.3	7
61	A circuit model for plasmonic resonators. <i>Optics Express</i> , 2014 , 22, 9809-19	3.3	38
60	A study on dynamic heat assisted magnetization reversal mechanisms under insufficient reversal field conditions. <i>Applied Physics Letters</i> , 2014 , 105, 162402	3.4	3
59	A facile approach for screening isolated nanomagnetic behavior for bit-patterned media. <i>Nanotechnology</i> , 2014 , 25, 225203	3.4	6
58	Electron-energy loss study of nonlocal effects in connected plasmonic nanoprisms. <i>ACS Nano</i> , 2013 , 7, 6287-96	16.7	49
57	Photoluminescence via gap plasmons between single silver nanowires and a thin gold film. <i>Nanoscale</i> , 2013 , 5, 12086-91	7.7	19
56	Optimization of Bit-Patterned Media Recording (BPMR) System via Tolerance Design. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 3624-3627	2	
55	Channel Characterization and Performance Evaluation of Bit-Patterned Media. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 723-729	2	3
54	Layer-by-layer assembly of Ag nanowires into 3D woodpile-like structures to achieve high density "hot spots" for surface-enhanced Raman scattering. <i>Langmuir</i> , 2013 , 29, 7061-9	4	106
53	Free-standing sub-10 nm nanostencils for the definition of gaps in plasmonic antennas. <i>Nanotechnology</i> , 2013 , 24, 185301	3.4	28
52	Fowler-Nordheim tunneling induced charge transfer plasmons between nearly touching nanoparticles. <i>ACS Nano</i> , 2013 , 7, 707-16	16.7	103
51	Surface plasmon damping quantified with an electron nanoprobe. <i>Scientific Reports</i> , 2013 , 3, 1312	4.9	116
50	Plasmon-modulated photoluminescence of individual gold nanostructures. <i>ACS Nano</i> , 2012 , 6, 10147-55	16.7	134
49	Directed self-assembly of densely packed gold nanoparticles. <i>Langmuir</i> , 2012 , 28, 16782-7	4	28
48	Printing colour at the optical diffraction limit. <i>Nature Nanotechnology</i> , 2012 , 7, 557-61	28.7	643
47	Nanoplasmonics: classical down to the nanometer scale. <i>Nano Letters</i> , 2012 , 12, 1683-9	11.5	326

46	Effect of inter-bit material on the performance of directly deposited bit patterned media. <i>Applied Physics Letters</i> , 2012 , 101, 152403	3.4	5
45	Comparison of bit-patterned media fabricated by methods of direct deposition and ion-milling of cobalt/palladium multilayers. <i>Journal of Applied Physics</i> , 2012 , 111, 103906	2.5	4
44	Fabrication and characterization of bit-patterned media beyond 1.5 Tbit/in ² . <i>Nanotechnology</i> , 2011 , 22, 385301	3.4	48
43	Direct and reliable patterning of plasmonic nanostructures with sub-10-nm gaps. <i>ACS Nano</i> , 2011 , 5, 7593-7600	3.6	207
42	High-resolution mapping of electron-beam-excited plasmon modes in lithographically defined gold nanostructures. <i>Nano Letters</i> , 2011 , 11, 1323-30	11.5	216
41	Molecular Materials Meeting (M3@Singapore). <i>Australian Journal of Chemistry</i> , 2011 , 64, 1181	1.2	3
40	Controlled collapse of high-aspect-ratio nanostructures. <i>Small</i> , 2011 , 7, 2661-8	11	36
39	Enhanced ordering in gold nanoparticles self-assembly through excess free ligands. <i>Langmuir</i> , 2011 , 27, 3355-60	4	51
38	Electrochemical development of hydrogen silsesquioxane by applying an electrical potential. <i>Nanotechnology</i> , 2011 , 22, 375301	3.4	6
37	Miniaturization of grayscale images. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 06F313	1.3	4
36	In situ study of hydrogen silsesquioxane dissolution rate in salty and electrochemical developers. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 06FJ01	1.3	8
35	Complex self-assembled patterns using sparse commensurate templates with locally varying motifs. <i>Nature Nanotechnology</i> , 2010 , 5, 256-60	28.7	226
34	Metrology for electron-beam lithography and resist contrast at the sub-10 nm scale. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, C6H11-C6H17	1.3	35
33	Sub-10-nm half-pitch electron-beam lithography by using poly(methyl methacrylate) as a negative resist. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, C6C58-C6C62	1.2	76
32	Enhancing the Potential of Block Copolymer Lithography with Polymer Self-Consistent Field Theory Simulations. <i>Macromolecules</i> , 2010 , 43, 8290-8295	5.5	36
31	Sub-10 nm patterning of gold nanostructures on silicon-nitride membranes for plasmon mapping with electron energy-loss spectroscopy. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, C6O45-C6O49	1.3	33
30	Templated self-assembly of Si-containing block copolymers for nanoscale device fabrication 2010 ,		7
29	Fabrication and Characterization of Suspended Uniaxial Tensile Strained-Si Nanowires for Gate-All-Around Nanowire n-MOSFETs. <i>ECS Transactions</i> , 2009 , 16, 57-68	1	14

28	Sub-15nm nanoimprint molds and pattern transfer. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 2837		40
27	Scanning-helium-ion-beam lithography with hydrogen silsesquioxane resist. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 2702		85
26	Photon-number-resolution with sub-30-ps timing using multi-element superconducting nanowire single photon detectors. <i>Journal of Modern Optics</i> , 2009 , 56, 364-373	1.1	95
25	Suppressed Critical Current in Superconducting Nanowire Single-Photon Detectors With High Fill-Factors. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 318-322	1.8	21
24	Limiting factors in sub-10nm scanning-electron-beam lithography. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 2616		49
23	Understanding of hydrogen silsesquioxane electron resist for sub-5-nm-half-pitch lithography. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 2622		134
22	Electrothermal feedback in superconducting nanowire single-photon detectors. <i>Physical Review B</i> , 2009 , 79,	3.3	105
21	Contrast enhancement behavior of hydrogen silsesquioxane in a salty developer. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 2635		23
20	Graphoepitaxy of self-assembled block copolymers on two-dimensional periodic patterned templates. <i>Science</i> , 2008 , 321, 939-43	33.3	703
19	Optical properties of superconducting nanowire single-photon detectors. <i>Optics Express</i> , 2008 , 16, 10750-51	5.1	122
18	Sub-10 nm nanoimprint lithography by wafer bowing. <i>Nano Letters</i> , 2008 , 8, 3865-9	11.5	70
17	Si-containing block copolymers for self-assembled nanolithography. <i>Journal of Vacuum Science & Technology B</i> , 2008 , 26, 2489-2494		75
16	Constriction-limited detection efficiency of superconducting nanowire single-photon detectors. <i>Applied Physics Letters</i> , 2007 , 90, 101110	3.4	129
15	Using high-contrast salty development of hydrogen silsesquioxane for sub-10-nm half-pitch lithography. <i>Journal of Vacuum Science & Technology B</i> , 2007 , 25, 2025		150
14	Pattern Generation by Using Multistep Room-Temperature Nanoimprint Lithography. <i>IEEE Nanotechnology Magazine</i> , 2007 , 6, 639-644	2.6	5
13	Demonstration of gigabit-per-second and higher data rates at extremely high efficiency using superconducting nanowire single photon detectors 2007 ,		4
12	Modeling the Electrical and Thermal Response of Superconducting Nanowire Single-Photon Detectors. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 581-585	1.8	132
11	Multi-Element Superconducting Nanowire Single-Photon Detector. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 279-284	1.8	81

10	Enhancing etch resistance of hydrogen silsesquioxane via postdevelop electron curing). <i>Journal of Vacuum Science & Technology B</i> , 2006 , 24, 3157		18
9	1.25-Gbit/s photon-counting optical communications using a two-element superconducting nanowire single photon detector 2006 , 6372, 286		12
8	Increased detection efficiencies of nanowire single-photon detectors by integration of an optical cavity and anti-reflection coating 2006 ,		1
7	High-data-rate photon-counting optical communications using a NbN-nanowire superconducting detector 2006 ,		4
6	Kinetic-inductance-limited reset time of superconducting nanowire photon counters. <i>Applied Physics Letters</i> , 2006 , 88, 111116	3-4	313
5	781 Mbit/s photon-counting optical communications using a superconducting nanowire detector. <i>Optics Letters</i> , 2006 , 31, 444-6	3	121
4	Nanowire single-photon detector with an integrated optical cavity and anti-reflection coating. <i>Optics Express</i> , 2006 , 14, 527-34	3-3	275
3	Fabrication development for nanowire GHz-counting-rate single-photon detectors. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 626-630	1.8	37
2	A Modular Design of Continuously Tunable Full Color Plasmonic Pixels with Broken Rotational Symmetry. <i>Advanced Functional Materials</i> , 2108437	15.6	0
1	Asymmetric parametric generation of images with nonlinear dielectric metasurfaces. <i>Nature Photonics</i> ,	33.9	3