Val Zwiller

List of Publications by Citations

167 papers	7,887 citations	48 h-index	84 g-index
198 ext. papers	9,311 ext. citations	6.5 avg, IF	5.91 L-index

#	Paper	IF	Citations
167	Large and tunable photothermoelectric effect in single-layer MoS2. *Nano Letters*, **2013**, 13, 358-63	11.5	480
166	Bright single-photon sources in bottom-up tailored nanowires. *Nature Communications*, **2012**, 3, 737	17.4	317
165	Single quantum dot nanowire LEDs. *Nano Letters*, **2007**, 7, 367-71	11.5	310
164	On-chip quantum interference between silicon photon-pair sources. *Nature Photonics*, **2014**, 8, 104-108	33.9	285
163	Optically bright quantum dots in single Nanowires. *Nano Letters*, **2005**, 5, 1439-43	11.5	241
162	Crystal phase quantum dots. *Nano Letters*, **2010**, 10, 1198-201	11.5	207
161	Single quantum dots emit single photons at a time: Antibunching experiments. *Applied Physics Letters*, **2001**, 78, 2476-2478	3.4	183
160	Kilometer-range, high resolution depth imaging via 1560 nm wavelength single-photon detection. *Optics Express*, **2013**, 21, 8904-15	3.3	174
159	Crystal field, phonon coupling and emission shift of Mn2+ in ZnS:Mn nanoparticles. *Journal of Applied Physics*, **2001**, 89, 1120-1129	2.5	172
158	Hybrid integrated quantum photonic circuits. *Nature Photonics*, **2020**, 14,	33.9	158
157	Observation of strongly entangled photon pairs from a nanowire quantum dot. *Nature Communications*, **2014**, 5, 5298	17.4	150
156	Tuning the exciton binding energies in single self-assembled InGaAs/GaAs quantum dots by piezoelectric-induced biaxial stress. *Physical Review Letters*, **2010**, 104, 067405	7.4	150
155	Growth and characterization of single quantum dots emitting at 1300 nm. *Applied Physics Letters*, **2005**, 86, 101908	3.4	134
154	Quantum interference in plasmonic circuits. *Nature Nanotechnology*, **2013**, 8, 719-22	28.7	133
153	On-demand generation of background-free single photons from a solid-state source. *Applied Physics Letters*, **2018**, 112, 093106	3.4	132
152	Ultraclean emission from InAsP quantum dots in defect-free wurtzite InP nanowires. *Nano Letters*, **2012**, 12, 5919-23	11.5	116
151	Low noise superconducting single photon detectors on silicon. *Applied Physics Letters*, **2008**, 93, 131101	3.4	107

150	Deterministic Integration of Single Photon Sources in Silicon Based Photonic Circuits. *Nano Letters*, **2016**, 16, 2289-94	11.5	106
149	Photon pair generation in a silicon micro-ring resonator with reverse bias enhancement. *Optics Express*, **2013**, 21, 27826-34	3.3	104
148	Growth and characterization of InP nanowires with InAsP insertions. *Nano Letters*, **2007**, 7, 1500-4	11.5	102
147	Singlet oxygen luminescence detection with a fiber-coupled superconducting nanowire single-photon detector. *Optics Express*, **2013**, 21, 5005-13	3.3	97
146	Hybrid semiconductor-atomic interface: slowing down single photons from a quantum dot. *Nature Photonics*, **2011**, 5, 230-233	33.9	97
145	A light-hole exciton in a quantum dot. *Nature Physics*, **2014**, 10, 46-51	16.2	94
144	Single-photon detectors combining high efficiency, high detection rates, and ultra-high timing resolution. *APL Photonics*, **2017**, 2, 111301	5.2	94
143	Nanowire waveguides launching single photons in a Gaussian mode for ideal fiber coupling. *Nano Letters*, **2014**, 14, 4102-6	11.5	92
142	Growth and optical properties of axial hybrid III-V/silicon nanowires. *Nature Communications*, **2012**, 3, 1266	17.4	92
141	On-chip single photon filtering and multiplexing in hybrid quantum photonic circuits. *Nature Communications*, **2017**, 8, 379	17.4	91
140	Time-resolved and antibunching experiments on single quantum dots at 1300nm. *Applied Physics Letters*, **2006**, 88, 131102	3.4	91
139	Generating visible single photons on demand with single InP quantum dots. *Applied Physics Letters*, **2003**, 82, 1509-1511	3.4	88
138	Avalanche amplification of a single exciton in a semiconductor nanowire. *Nature Photonics*, **2012**, 6, 455-458	33.9	87
137	Enhanced telecom wavelength single-photon detection with NbTiN superconducting nanowires on oxidized silicon. *Applied Physics Letters*, **2010**, 96, 221109	3.4	87
136	Fast path and polarization manipulation of telecom wavelength single photons in lithium niobate waveguide devices. *Physical Review Letters*, **2012**, 108, 053601	7.4	75
135	Selective excitation and detection of spin states in a single nanowire quantum dot. *Nano Letters*, **2009**, 9, 1989-93	11.5	73
134	Solid-state single photon sources: light collection strategies. *European Physical Journal D*, **2002**, 18, 197-210	1.5	71
133	Gallium arsenide (GaAs) quantum photonic waveguide circuits. *Optics Communications*, **2014**, 327, 49-55	2	69

132	Wide InP nanowires with wurtzite/zincblende superlattice segments are type-II whereas narrower nanowires become type-I: an atomistic pseudopotential calculation. *Nano Letters*, **2010**, 10, 4055-60	11.5	68
131	Photocurrent generation in semiconducting and metallic carbon nanotubes. *Nature Photonics*, **2014**, 8, 47-51	33.9	65
130	Spontaneous emission control of single quantum dots in bottom-up nanowire waveguides. *Applied Physics Letters*, **2012**, 100, 121106	3.4	64
129	. *European Physical Journal D*, **2002**, 18, 197-210	1.3	63
128	Gate controlled Aharonov-Bohm-type oscillations from single neutral excitons in quantum rings. *Physical Review B*, **2010**, 82,	3.3	61
127	Quantum interference and manipulation of entanglement in silicon wire waveguide quantum circuits. *New Journal of Physics*, **2012**, 14, 045003	2.9	58
126	Phonon-Assisted Two-Photon Interference from Remote Quantum Emitters. *Nano Letters*, **2017**, 17, 4090-4095	11.5	57
125	Bright Single InAsP Quantum Dots at Telecom Wavelengths in Position-Controlled InP Nanowires: The Role of the Photonic Waveguide. *Nano Letters*, **2018**, 18, 3047-3052	11.5	57
124	Generation of degenerate, factorizable, pulsed squeezed light at telecom wavelengths. *Optics Express*, **2011**, 19, 24434-47	3.3	55
123	Superconducting single photon detectors with minimized polarization dependence. *Applied Physics Letters*, **2008**, 93, 161102	3.4	55
122	Size dependence of Eu2+ fluorescence in ZnS:Eu2+ nanoparticles. *Journal of Applied Physics*, **2001**, 89, 2671-2675	2.5	54
121	Time-resolved studies of single semiconductor quantum dots. *Physical Review B*, **1999**, 59, 5021-5025	3.3	53
120	Improved light extraction from emitters in high refractive index materials using solid immersion lenses. *Journal of Applied Physics*, **2002**, 92, 660-665	2.5	52
119	Entanglement Swapping with Photons Generated on Demand by a Quantum Dot. *Physical Review Letters*, **2019**, 123, 160501	7.4	48
118	Fast and efficient photodetection in nanoscale quantum-dot junctions. *Nano Letters*, **2012**, 12, 5740-3	11.5	47
117	Position controlled nanowires for infrared single photon emission. *Applied Physics Letters*, **2010**, 97, 171106	3.4	47
116	Overcoming power broadening of the quantum dot emission in a pure wurtzite nanowire. *Physical Review B*, **2016**, 93,	3.3	46
115	Thermo-Optic Characterization of Silicon Nitride Resonators for Cryogenic Photonic Circuits. *IEEE Photonics Journal*, **2016**, 8, 1-9	1.8	46

114	Quantum detector tomography of a time-multiplexed superconducting nanowire single-photon detector at telecom wavelengths. *Optics Express*, **2013**, 21, 893-902	3.3	46
113	Electric field induced removal of the biexciton binding energy in a single quantum dot. *Nano Letters*, **2011**, 11, 645-50	11.5	46
112	Entanglement distribution over a 96-km-long submarine optical fiber. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 6684-6688	11.5	45
111	Low gap superconducting single photon detectors for infrared sensitivity. *Applied Physics Letters*, **2011**, 98, 251102	3.4	45
110	Visible single-photon generation from semiconductor quantum dots. *New Journal of Physics*, **2004**, 6, 90-90	2.9	45
109	Single electron charging in optically active nanowire quantum dots. *Nano Letters*, **2010**, 10, 1817-22	11.5	44
108	Generation of correlated photon pairs in a chalcogenide As2S3 waveguide. *Applied Physics Letters*, **2011**, 98, 051101	3.4	44
107	Strain-Tunable Quantum Integrated Photonics. *Nano Letters*, **2018**, 18, 7969-7976	11.5	43
106	Fiber-coupled single-photon detectors based on NbN superconducting nanostructures for practical quantum cryptography and photon-correlation studies. *Applied Physics Letters*, **2006**, 88, 261113	3.4	41
105	Controlling a nanowire quantum dot band gap using a straining dielectric envelope. *Nano Letters*, **2012**, 12, 6206-11	11.5	39
104	Linewidth narrowing and Purcell enhancement in photonic crystal cavities on an Er-doped silicon nitride platform. *Optics Express*, **2010**, 18, 2601-12	3.3	39
103	Bright nanoscale source of deterministic entangled photon pairs violating Bell's inequality. *Scientific Reports*, **2017**, 7, 1700	4.9	37
102	Three-photon cascade from single self-assembled InP quantum dots. *Physical Review B*, **2004**, 69,	3.3	37
101	All-photonic quantum teleportation using on-demand solid-state quantum emitters. *Science Advances*, **2018**, 4, eaau1255	14.3	37
100	Resonance Fluorescence of GaAs Quantum Dots with Near-Unity Photon Indistinguishability. *Nano Letters*, **2019**, 19, 2404-2410	11.5	36
99	Single quantum dot nanowire photodetectors. *Applied Physics Letters*, **2010**, 97, 113108	3.4	36
98	Controlling the exciton energy of a nanowire quantum dot by strain fields. *Applied Physics Letters*, **2016**, 108, 182103	3.4	36
97	Quantum optics with single quantum dot devices. *New Journal of Physics*, **2004**, 6, 96-96	2.9	34

96	Probing optical transitions in individual carbon nanotubes using polarized photocurrent spectroscopy. *Nano Letters*, **2012**, 12, 5649-53	11.5	32
95	Impedance model for the polarization-dependent optical absorption of superconducting single-photon detectors. *EPJ Applied Physics*, **2009**, 47, 10701	1.1	31
94	Efficient Single-Photon Detection with 7.7 ps Time Resolution for Photon-Correlation Measurements. *ACS Photonics*, **2020**, 7, 1780-1787	6.3	30
93	Orientation-dependent optical-polarization properties of single quantum dots in nanowires. *Small*, **2009**, 5, 2134-8	11	30
92	Measurement of the g-factor tensor in a quantum dot and disentanglement of exciton spins. *Physical Review B*, **2011**, 84,	3.3	30
91	Single-photon Fourier spectroscopy of excitons and biexcitons in single quantum dots. *Physical Review B*, **2004**, 69,	3.3	30
90	Design of broadband high-efficiency superconducting-nanowire single photon detectors. *Superconductor Science and Technology*, **2016**, 29, 065016	3.1	29
89	Photon Cascade from a Single Crystal Phase Nanowire Quantum Dot. *Nano Letters*, **2016**, 16, 1081-5	11.5	28
88	Subwavelength focusing of light with orbital angular momentum. *Nano Letters*, **2014**, 14, 4598-601	11.5	27
87	Atomistic defects as single-photon emitters in atomically thin MoS2. *Applied Physics Letters*, **2020**, 117, 070501	3.4	27
86	Superconducting nanowire single-photon detectors: A perspective on evolution, state-of-the-art, future developments, and applications. *Applied Physics Letters*, **2021**, 118, 190502	3.4	26
85	Exciton Fine Structure and Lattice Dynamics in InP/ZnSe Core/Shell Quantum Dots. *ACS Photonics*, **2018**, 5, 3353-3362	6.3	24
84	Correlated photon-pair generation in a periodically poled MgO doped stoichiometric lithium tantalate reverse proton exchanged waveguide. *Applied Physics Letters*, **2011**, 99, 081110	3.4	22
83	A miniaturized 4 K platform for superconducting infrared photon counting detectors. *Superconductor Science and Technology*, **2017**, 30, 11LT01	3.1	21
82	Detecting telecom single photons with 99.52.07+0.5% system detection efficiency and high time resolution. *APL Photonics*, **2021**, 6, 036114	5.2	21
81	Nanowire Quantum Dots Tuned to Atomic Resonances. *Nano Letters*, **2018**, 18, 7217-7221	11.5	21
80	Passively stable distribution of polarisation entanglement over 192 km of deployed optical fibre. *Npj Quantum Information*, **2020**, 6,	8.6	20
79	Optics with single nanowires. *Comptes Rendus Physique*, **2008**, 9, 804-815	1.4	20

78	Engineering the Luminescence and Generation of Individual Defect Emitters in Atomically Thin MoS2. *ACS Photonics*, **2021**, 8, 669-677	6.3	20
77	Controlled integration of selected detectors and emitters in photonic integrated circuits. *Optics Express*, **2019**, 27, 3710-3716	3.3	19
76	Optimizing the stoichiometry of ultrathin NbTiN films for high-performance superconducting nanowire single-photon detectors. *Optics Express*, **2019**, 27, 26579-26587	3.3	19
75	Reconfigurable photonics with on-chip single-photon detectors. *Nature Communications*, **2021**, 12, 1408	17.4	18
74	Single pairs of time-bin-entangled photons. *Physical Review A*, **2015**, 92,	2.6	17
73	A high efficiency superconducting nanowire single electron detector. *Applied Physics Letters*, **2010**, 97, 183106	3.4	16
72	Fractal superconducting nanowire single-photon detectors with reduced polarization sensitivity. *Optics Letters*, **2018**, 43, 5017-5020	3	16
71	Tuning single GaAs quantum dots in resonance with a rubidium vapor. *Applied Physics Letters*, **2010**, 97, 082103	3.4	15
70	Size reduction of self assembled quantum dots by annealing. *Applied Surface Science*, **1998**, 134, 47-52	6.7	15
69	Crux of Using the Cascaded Emission of a Three-Level Quantum Ladder System to Generate Indistinguishable Photons. *Physical Review Letters*, **2020**, 125, 233605	7.4	15
68	Dephasing Free Photon Entanglement with a Quantum Dot. *ACS Photonics*, **2019**, 6, 1656-1663	6.3	14
67	A stable wavelength-tunable triggered source of single photons and cascaded photon pairs at the telecom C-band. *Applied Physics Letters*, **2018**, 112, 173102	3.4	14
66	Integration of Colloidal PbS/CdS Quantum Dots with Plasmonic Antennas and Superconducting Detectors on a Silicon Nitride Photonic Platform. *Nano Letters*, **2019**, 19, 5452-5458	11.5	14
65	Far field emission profile of pure wurtzite InP nanowires. *Applied Physics Letters*, **2014**, 105, 191113	3.4	14
64	HEMT-Based Readout Technique for Dark- and Photon-Count Studies in NbN Superconducting Single-Photon Detectors. *IEEE Transactions on Applied Superconductivity*, **2009**, 19, 346-349	1.8	14
63	Imaging the formation of a p-n junction in a suspended carbon nanotube with scanning photocurrent microscopy. *Journal of Applied Physics*, **2011**, 110, 074308	2.5	14
62	Fabrication and time-resolved studies of visible microdisk lasers. *Journal of Applied Physics*, **2003**, 93, 2307-2309	2.5	14
61	Progress on large-scale superconducting nanowire single-photon detectors. *Applied Physics Letters*, **2021**, 118, 100501	3.4	13

60	Initialization of a spin qubit in a site-controlled nanowire quantum dot. *New Journal of Physics*, **2016**, 18, 053024	2.9	12
59	Polarization-insensitive fiber-coupled superconducting-nanowire single photon detector using a high-index dielectric capping layer. *Optics Express*, **2018**, 26, 17697-17704	3.3	12
58	Growth of single quantum dots on preprocessed structures: Single photon emitters on a tip. *Applied Physics Letters*, **2005**, 86, 091911	3.4	12
57	Random telegraph noise in the photoluminescence of individual GaxIn1As quantum dots in GaAs. *Physical Review B*, **2001**, 64,	3.3	12
56	Multimode-fiber-coupled superconducting nanowire single-photon detectors with high detection efficiency and time resolution. *Applied Optics*, **2019**, 58, 9803-9807	1.7	12
55	Design of polarization-insensitive superconducting single photon detectors with high-index dielectrics. *Superconductor Science and Technology*, **2017**, 30, 035005	3.1	11
54	Superconducting nanowire single photon detectors operating at temperature from 4 to 7 K. *Optics Express*, **2019**, 27, 24601-24609	3.3	11
53	High-Yield Growth and Characterization of <100> InP p-n Diode Nanowires. *Nano Letters*, **2016**, 16, 3071-7	11.5	11
52	Quantum teleportation with imperfect quantum dots. *Npj Quantum Information*, **2021**, 7,	8.6	11
51	NbTiN thin films for superconducting photon detectors on photonic and two-dimensional materials. *Applied Physics Letters*, **2020**, 116, 171101	3.4	10
50	Fibre-coupled, single photon detector based on NbN superconducting nanostructures for quantum communications. *Journal of Modern Optics*, **2007**, 54, 315-326	1.1	10
49	Luminescence polarization of ordered GaInP/InP islands. *Applied Physics Letters*, **2003**, 82, 627-629	3.4	10
48	Rydberg excitons in Cu2O microcrystals grown on a silicon platform. *Communications Materials*, **2020**, 1,	6	9
47	Surround-gated vertical nanowire quantum dots. *Applied Physics Letters*, **2010**, 96, 233112	3.4	9
46	Superconducting detector dynamics studied by quantum pump-probe spectroscopy. *Applied Physics Letters*, **2012**, 101, 112603	3.4	9
45	Sharp emission from single InAs quantum dots grown on vicinal GaAs surfaces. *Applied Physics Letters*, **2009**, 94, 163114	3.4	9
44	Exciton coherence in clean single InP/InAsP/InP nanowire quantum dots emitting in infra-red measured by Fourier spectroscopy. *Journal of Physics: Conference Series*, **2009**, 193, 012132	0.3	9
43	Reflection second-harmonic microscopy of individual semiconductor microstructures. *Journal of Applied Physics*, **2001**, 90, 6357-6362	2.5	9

42	Resonance Fluorescence from Waveguide-Coupled, Strain-Localized, Two-Dimensional Quantum Emitters. *ACS Photonics*, **2021**, 8, 1069-1076	6.3	9
41	Ultrafast coherent manipulation of trions in site-controlled nanowire quantum dots. *Optica*, **2016**, 3, 1430	8.6	9
40	Two-photon interference from two blinking quantum emitters. *Physical Review B*, **2017**, 96,	3.3	8
39	Optical polarization properties of a nanowire quantum dot probed along perpendicular orientations. *Applied Physics Letters*, **2012**, 101, 111112	3.4	8
38	Single Neutral Excitons Confined in AsBr3 In Situ Etched InGaAs Quantum Rings. *Journal of Nanoelectronics and Optoelectronics*, **2011**, 6, 51-57	1.3	8
37	Deterministic Integration of hBN Emitter in Silicon Nitride Photonic Waveguide. *Advanced Quantum Technologies*, **2021**, 4, 2100032	4.3	8
36	High-quality NbN nanofilms on a GaN/AlN heterostructure. *AIP Advances*, **2014**, 4, 107123	1.5	7
35	Growth of vertical and defect free InP nanowires on SrTiO3(001) substrate and comparison with growth on silicon. *Journal of Crystal Growth*, **2012**, 343, 101-104	1.6	7
34	Fiber-coupled NbN superconducting single-photon detectors for quantum correlation measurements **2007**,		7
33	Amplitude distributions of dark counts and photon counts in NbN superconducting single-photon detectors integrated with the HEMT readout. *Physica C: Superconductivity and Its Applications*, **2017**, 532, 33-39	1.3	6
32	Single carbon nanotube photovoltaic device. *Journal of Applied Physics*, **2013**, 114, 164320	2.5	6
31	Fractal superconducting nanowire avalanche photodetector at 1550 nm with 60% system detection efficiency and 105 polarization sensitivity. *Optics Letters*, **2020**, 45, 471	3	6
30	On-Demand Generation of Entangled Photon Pairs in the Telecom C-Band with InAs Quantum Dots. *ACS Photonics*, **2021**, 8, 2337-2344	6.3	6
29	Longitudinal and transverse exciton-spin relaxation in a single InAsP quantum dot embedded inside a standing InP nanowire using photoluminescence spectroscopy. *Physical Review B*, **2012**, 85,	3.3	5
28	Conduction Band Spin Splitting in InxGa1-xAs/GaAs Quantum Wells. *Japanese Journal of Applied Physics*, **1998**, 37, 4272-4276	1.4	5
27	GaAs Quantum Dot in a Parabolic Microcavity Tuned to Rb D. *ACS Photonics*, **2020**, 7, 29-35	6.3	5
26	Universal fine-structure eraser for quantum dots. *Optics Express*, **2018**, 26, 24487-24496	3.3	4
25	Temporal array with superconducting nanowire single-photon detectors for photon-number resolution. *Physical Review A*, **2020**, 102,	2.6	4

24	Improvement of the critical temperature of NbTiN films on III-nitride substrates. *Superconductor Science and Technology*, **2019**, 32, 035008	3.1	4
23	Indium enrichment in Ga1−xInxP self-assembled quantum dots. *Journal of Applied Physics*, **2000**, 88, 6378-6381	2.5	3
22	Efficient and versatile toolbox for analysis of time-tagged measurements. *Journal of Instrumentation*, **2021**, 16, T08016	1	3
21	Fractal Superconducting Nanowires Detect Infrared Single Photons with 84% System Detection Efficiency, 1.02 Polarization Sensitivity, and 20.8 ps Timing Resolution. *ACS Photonics*,	6.3	3
20	Bright single-photon sources based on self-aligned quantum dots in tapered nanowire waveguides **2013**,		2
19	Quantum interference in silicon waveguide circuits **2011**,		2
18	Single-photon detection with near unity efficiency, ultrahigh detection-rates, and ultra-high time resolution **2017**,		2
17	Origin of Antibunching in Resonance Fluorescence. *Physical Review Letters*, **2020**, 125, 170402	7.4	2
16	A compact 4 K cooling system for superconducting nanowire single photon detectors. *IOP Conference Series: Materials Science and Engineering*, **2019**, 502, 012193	0.4	2
15	Dispersion engineering of superconducting waveguides for multi-pixel integration of single-photon detectors. *APL Photonics*, **2020**, 5, 111301	5.2	1
14	Excitons Confined in Single Semiconductor Quantum Rings: Observation and Manipulation of Aharonov-Bohm-Type Oscillations. *Nanoscience and Technology*, **2014**, 299-328	0.6	1
13	Depth imaging at kilometer range using time-correlated single-photon counting at wavelengths of 850 nm and 1560 nm **2012**,		1
12	Nanowires for quantum optics **2010**,		1
11	Quantum optics with single nanowire quantum dots **2010**,		1
10	Fiber-coupled quantum-communications receiver based on two NbN superconducting single-photon detectors **2005**,		1
9	Telecom-wavelength InAs QDs with low fine structure splitting grown by droplet epitaxy on GaAs(111)A vicinal substrates. *Applied Physics Letters*, **2021**, 118, 133102	3.4	1
8	X-Ray Induced Secondary Particle Counting With Thin NbTiN Nanowire Superconducting Detector. *IEEE Transactions on Applied Superconductivity*, **2021**, 31, 1-5	1.8	1
7	Reconfigurable frequency coding of triggered single photons in the telecom C-band. *Optics Express*, **2019**, 27, 14400-14406	3.3	0

6	Full-Stokes polarimetric measurements and imaging using a fractal superconducting nanowire single-photon detector. *Optica*, **2022**, 9, 346	8.6	0
5	Strain-Controlled Quantum Dot Fine Structure for Entangled Photon Generation at 1550 nm.. *Nano Letters*, **2021**, 21, 10501-10506	11.5	0
4	Single semiconductor quantum dots in nanowires: growth, optics, and devices21-40		
3	Excited State Dynamics in In0.5Al0.04Ga0.46As/Al0.08Ga0.92As Self-Assembled Quantum Dots. *Physica Status Solidi (B): Basic Research*, **2001**, 224, 447-451	1.3	
2	Superconducting Nanowire Devices for Light Detection at the Single-Photon Level. *Proceedings (mdpi)*, **2020**, 56, 4	0.3	
1	Advanced Superconducting Nanowire Single Photon Detectors for Photonic Quantum Technologies. *Proceedings (mdpi)*, **2018**, 2, 1096	0.3	