

Alwyn J Seeds

List of Publications by Year in descending order

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175
papers

7,596
citations

71102

41
h-index

53230

85
g-index

175
all docs

175
docs citations

175
times ranked

6040
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2017 terahertz science and technology roadmap. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 043001.	2.8	1,160
2	Microwave Photonics. <i>Journal of Lightwave Technology</i> , 2006, 24, 4628-4641.	4.6	784
3	Electrically pumped continuous-wave III-V quantum dot lasers on silicon. <i>Nature Photonics</i> , 2016, 10, 307-311.	31.4	665
4	Long-wavelength InAs/GaAs quantum-dot laser diode monolithically grown on Ge substrate. <i>Nature Photonics</i> , 2011, 5, 416-419.	31.4	344
5	TeraHertz Photonics for Wireless Communications. <i>Journal of Lightwave Technology</i> , 2015, 33, 579-587.	4.6	278
6	13- μ m InAs/GaAs quantum-dot lasers monolithically grown on Si substrates. <i>Optics Express</i> , 2011, 19, 11381.	3.4	236
7	Traveling-wave Uni-Traveling Carrier Photodiodes for continuous wave THz generation. <i>Optics Express</i> , 2010, 18, 11105.	3.4	154
8	Continuous-wave InAs/GaAs quantum-dot laser diodes monolithically grown on Si substrate with low threshold current densities. <i>Optics Express</i> , 2012, 20, 22181.	3.4	153
9	Quantum dot optoelectronic devices: lasers, photodetectors and solar cells. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 363001.	2.8	149
10	Microwave Photonic Integrated Circuits for Millimeter-Wave Wireless Communications. <i>Journal of Lightwave Technology</i> , 2014, 32, 3495-3501.	4.6	141
11	146-GHz millimeter-wave radio-over-fiber photonic wireless transmission system. <i>Optics Express</i> , 2012, 20, 1769.	3.4	140
12	Continuous Wave Terahertz Generation From Ultra-Fast InP-Based Photodiodes. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012, 60, 509-517.	4.6	125
13	13- μ m InAs/GaAs quantum-dot lasers monolithically grown on Si substrates using InAlAs/GaAs dislocation filter layers. <i>Optics Express</i> , 2014, 22, 11528.	3.4	125
14	Millimeter-Wave Photonic Components for Broadband Wireless Systems. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010, 58, 3071-3082.	4.6	119
15	Electrically pumped continuous-wave 13 μ m InAs/GaAs quantum dot lasers monolithically grown on on-axis Si (001) substrates. <i>Optics Express</i> , 2017, 25, 4632.	3.4	102
16	InAs/GaAs Quantum-Dot Lasers Monolithically Grown on Si, Ge, and Ge-on-Si Substrates. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013, 19, 1901107-1901107.	2.9	93
17	Integration of III-V lasers on Si for Si photonics. <i>Progress in Quantum Electronics</i> , 2019, 66, 1-18.	7.0	86
18	95 GHz millimeter wave signal generation using an arrayed waveguide grating dual wavelength semiconductor laser. <i>Optics Letters</i> , 2012, 37, 3657.	3.3	85

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19	100 Gb/s Multicarrier THz Wireless Transmission System With High Frequency Stability Based on A Gain-Switched Laser Comb Source. IEEE Photonics Journal, 2015, 7, 1-11.	2.0	85
20	Monolithic quantum-dot distributed feedback laser array on silicon. Optica, 2018, 5, 528.	9.3	85
21	1.3 μ m InAs/GaAs quantum-dot laser monolithically grown on Si substrates operating over 100 $^{\circ}$ C. Electronics Letters, 2014, 50, 1467-1468.	1.0	81
22	Optical injection locking to optical frequency combs for superchannel coherent detection. Optics Express, 2015, 23, 1547.	3.4	78
23	Monolithically Integrated Photonic Heterodyne System. Journal of Lightwave Technology, 2011, 29, 2229-2234.	4.6	71
24	Optimizations of Defect Filter Layers for 1.3- μ m InAs/GaAs Quantum-Dot Lasers Monolithically Grown on Si Substrates. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 50-56.	2.9	69
25	InAs/GaAs Quantum-Dot Superluminescent Light-Emitting Diode Monolithically Grown on a Si Substrate. ACS Photonics, 2014, 1, 638-642.	6.6	66
26	Photonic generation for multichannel THz wireless communication. Optics Express, 2014, 22, 23465.	3.4	65
27	Coherent terahertz photonics. Optics Express, 2013, 21, 22988.	3.4	61
28	Voltage recovery in charged InAs/GaAs quantum dot solar cells. Nano Energy, 2014, 6, 159-166.	16.0	61
29	High-Dynamic-Range Wireless-Over-Fiber Link Using Feedforward Linearization. Journal of Lightwave Technology, 2007, 25, 3274-3282.	4.6	58
30	Wafer-Scale Fabrication of Self-Catalyzed 1.7 eV GaAsP Core-Shell Nanowire Photocathode on Silicon Substrates. Nano Letters, 2014, 14, 2013-2018.	9.1	58
31	Optical injection locking and phase-lock loop combined systems. Optics Letters, 1994, 19, 4.	3.3	55
32	Integrated Semiconductor Laser Optical Phase Lock Loops. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-12.	2.9	53
33	Antenna Integrated THz Uni-Traveling Carrier Photodiodes. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-11.	2.9	52
34	Refractive indices of MBE-grown Al _x Ga(1-x)As ternary alloys in the transparent wavelength region. AIP Advances, 2021, 11, .	1.3	52
35	Hybrid Integrated Optical Phase-Lock Loops for Photonic Terahertz Sources. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 210-217.	2.9	51
36	Homodyne Coherent Optical Receiver Using an Optical Injection Phase-Lock Loop. Journal of Lightwave Technology, 2011, 29, 1152-1164.	4.6	50

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37	Optical injection locking of monolithically integrated photonic source for generation of high purity signals above 100 GHz. Optics Express, 2014, 22, 29404.	3.4	50
38	High-speed photodiodes for InP-based photonic integrated circuits. Optics Express, 2012, 20, 9172.	3.4	46
39	Origin of Defect Tolerance in InAs/GaAs Quantum Dot Lasers Grown on Silicon. Journal of Lightwave Technology, 2020, 38, 240-248.	4.6	46
40	170 GHz uni-traveling carrier photodiodes for InP-based photonic integrated circuits. Optics Express, 2012, 20, 20090.	3.4	44
41	Monolithically Integrated Optical Phase Lock Loop for Microwave Photonics. Journal of Lightwave Technology, 2014, 32, 3893-3900.	4.6	44
42	Sub-THz Wireless Over Fiber for Frequency Band 220–280 GHz. Journal of Lightwave Technology, 2016, 34, 4786-4793.	4.6	40
43	Millimeter-Wave Optoelectronic Mixers Based on Uni-Traveling Carrier Photodiodes. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 686-691.	4.6	38
44	Transmission of Wireless MIMO-Type Signals Over a Single Optical Fiber Without WDM. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3094-3102.	4.6	35
45	Optoelectronic detection of millimetre-wave signals with travelling-wave uni-travelling carrier photodiodes. Optics Express, 2011, 19, 2079.	3.4	35
46	Phase Noise Investigation of Multicarrier Sub-THz Wireless Transmission System Based on an Injection-Locked Gain-Switched Laser. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 590-597.	3.1	35
47	InGaAs quantum-dot lasers monolithically grown on silicon. Semiconductor Science and Technology, 2018, 33, 123002.	2.0	35
48	Low-noise 130-nm InAs/GaAs quantum dot laser monolithically grown on silicon. Photonics Research, 2018, 6, 1062.	7.0	35
49	Imaging and Analysis of THz Surface Plasmon Polariton Waves with the Integrated Sub-wavelength Aperture Probe. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 1031-1042.	2.2	33
50	Monolithically integrated heterodyne optical phase-lock loop with RF XOR phase detector. Optics Express, 2011, 19, 20048.	3.4	31
51	O-band InAs/GaAs quantum dot laser monolithically integrated on exact (001) Si substrate. Journal of Crystal Growth, 2019, 511, 56-60.	1.5	31
52	Accurate equivalent circuit model for millimetre-wave UTC photodiodes. Optics Express, 2016, 24, 4698.	3.4	30
53	Recent progress in epitaxial growth of InGaAs quantum-dot lasers on silicon substrate. Journal of Semiconductors, 2019, 40, 101302.	3.7	29
54	Modelling of surface waves on a THz antenna detected by a near-field probe. Optics Express, 2012, 20, 16023.	3.4	28

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55	Monolithically Integrated Electrically Pumped Continuous-Wave III-V Quantum Dot Light Sources on Silicon. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-10.	2.9	28
56	Injection locking of a terahertz quantum cascade laser to a telecommunications wavelength frequency comb. Optica, 2017, 4, 1059.	9.3	28
57	A Pilot-Carrier Coherent LEO-to-Ground Downlink System Using an Optical Injection Phase Lock Loop (OIPLL) Technique. Journal of Lightwave Technology, 2012, 30, 2696-2706.	4.6	24
58	Fast Tuneable InGaAsP DBR Laser Using Quantum-Confined Stark-Effect-Induced Refractive Index Change. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 1112-1121.	2.9	23
59	Active RFID location system based on time-difference measurement using a linear FM chirp tag signal. , 2008, , .		23
60	Semiconductor III-V lasers monolithically grown on Si substrates. Semiconductor Science and Technology, 2013, 28, 015027.	2.0	23
61	Optimisation of the dislocation filter layers in 1.3-µm InAs/GaAs quantum dot lasers monolithically grown on Si substrates. IET Optoelectronics, 2015, 9, 61-64.	3.3	23
62	All-MBE grown InAs/GaAs quantum dot lasers with thin Ge buffer layer on Si substrates. Journal Physics D: Applied Physics, 2021, 54, 035103.	2.8	23
63	Broadband Access Using Wireless Over Multimode Fiber Systems. Journal of Lightwave Technology, 2010, 28, 2430-2435.	4.6	22
64	Effective homodyne optical phase locking to PSK signal by means of 8b10b line coding. Optics Express, 2011, 19, 1707.	3.4	22
65	Inversion Boundary Annihilation in GaAs Monolithically Grown on On-Axis Silicon (001). Advanced Optical Materials, 2020, 8, 2000970.	7.3	22
66	Modelling and measurement of the absolute level of power radiated by antenna integrated THz UTC photodiodes. Optics Express, 2016, 24, 11793.	3.4	21
67	A Monolithic MQW InGaAsP-Based Optical Comb Generator. IEEE Journal of Quantum Electronics, 2007, 43, 998-1005.	1.9	20
68	Gain Switching of Monolithic 1.3-µm InAs/GaAs Quantum Dot Lasers on Silicon. Journal of Lightwave Technology, 2018, 36, 3837-3842.	4.6	20
69	Electrically pumped continuous-wave 1.3-µm InAs/GaAs quantum dot lasers monolithically grown on Si substrates. IET Optoelectronics, 2014, 8, 20-24.	3.3	19
70	Optical comb for generation of a continuously tunable coherent THz signal from 1225-GHz to >27-THz. Optics Letters, 2018, 43, 2507.	3.3	18
71	Tunable THz Signal Generation and Radio-Over-Fiber Link Based on an Optoelectronic Oscillator-Driven Optical Frequency Comb. Journal of Lightwave Technology, 2020, 38, 5240-5247.	4.6	18
72	Terahertz probe for spectroscopy of sub-wavelength objects. Optics Express, 2012, 20, 6197.	3.4	17

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73	Terahertz imaging of sub-wavelength particles with Zenneck surface waves. Applied Physics Letters, 2013, 103, .	3.3	17
74	60-GHz Transmission Link Using Uni-Traveling Carrier Photodiodes at the Transmitter and the Receiver. Journal of Lightwave Technology, 2018, 36, 4507-4513.	4.6	17
75	5 Gbps wireless transmission link with an optically pumped uni-traveling carrier photodiode mixer at the receiver. Optics Express, 2018, 26, 2884.	3.4	17
76	Photodiodes for Terahertz Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-12.	2.9	17
77	Single Sideband Signals for Phase Noise Mitigation in Wireless THz-Over-Fibre Systems. Journal of Lightwave Technology, 2018, 36, 4527-4534.	4.6	16
78	Theoretical Study on the Effects of Dislocations in Monolithic III-V Lasers on Silicon. Journal of Lightwave Technology, 2020, 38, 4801-4807.	4.6	15
79	InGaAsP-based uni-travelling carrier photodiode structure grown by solid source molecular beam epitaxy. Optics Express, 2012, 20, 19279.	3.4	14
80	InAs/GaAs quantum-dot superluminescent diodes monolithically grown on a Ge substrate. Optics Express, 2014, 22, 23242.	3.4	14
81	Understanding the Bandwidth Limitations in Monolithic 1.3 μm InAs/GaAs Quantum Dot Lasers on Silicon. Journal of Lightwave Technology, 2019, 37, 949-955.	4.6	14
82	Quantum dot mode-locked frequency comb with ultra-stable 25.5 μeV spacing between 20 $^{\circ}\text{C}$ and 120 $^{\circ}\text{C}$. Photonics Research, 2020, 8, 1937.	7.0	14
83	Recent Progress of Quantum Dot Lasers Monolithically Integrated on Si Platform. Frontiers in Physics, 2022, 10, .	2.1	14
84	Optical Frequency Tuning for Coherent THz Wireless Signals. Journal of Lightwave Technology, 2018, 36, 4664-4670.	4.6	13
85	Near-Field Analysis of Terahertz Pulse Generation From Photo-Excited Charge Density Gradients. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 260-267.	3.1	12
86	Electronically synthesized Nyquist pulses for photonic sampling of microwave signals. Optics Express, 2017, 25, 29249.	3.4	12
87	High performance waveguide uni-travelling carrier photodiode grown by solid source molecular beam epitaxy. Optics Express, 2019, 27, 37065.	3.4	12
88	Foundry fabricated photonic integrated circuit optical phase lock loop. Optics Express, 2017, 25, 16888.	3.4	11
89	Full-Duplex DOCSIS/WirelessDOCSIS Fiber-Radio Network Employing Packaged AFPMs as Optical/Electrical Transducers. Journal of Lightwave Technology, 2007, 25, 673-684.	4.6	10
90	Generation of continuous wave terahertz frequency radiation from metal-organic chemical vapour deposition grown Fe-doped InGaAs and InGaAsP. Journal of Applied Physics, 2016, 119, 153103.	2.5	10

#	ARTICLE	IF	CITATIONS
91	Pilot-Tone Assisted 16-QAM Photonic Wireless Bridge Operating At 250 GHz. Journal of Lightwave Technology, 2021, 39, 2725-2736.	4.6	10
92	Optical Phase Lock Loop as High-Quality Tuneable Filter for Optical Frequency Comb Line Selection. Journal of Lightwave Technology, 2018, 36, 4646-4654.	4.6	9
93	Transmission of Gb/s DPSK Millimeter-Wave Wireless Data Over Fiber Using Low-Cost Uncooled Devices With Remote 40-GHz Local Oscillator Delivery. Journal of Lightwave Technology, 2008, 26, 3490-3496.	4.6	8
94	170 GHz Photodiodes for InP-based photonic integrated circuits. , 2012, , .		8
95	Spectrally Efficient SSB signals for W-band Links Enabled by Kramers-Kronig Receiver. , 2018, , .		8
96	Multi-wavelength 128 Gbit s ⁻¹ PAM4 optical transmission enabled by a 100 GHz quantum dot mode-locked optical frequency comb. Journal Physics D: Applied Physics, 2022, 55, 144001.	2.8	8
97	Comparison of Optical Single Sideband Techniques for THz-Over-Fiber Systems. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 98-105.	3.1	7
98	Roadmap of 1300-nm InAs/GaAs quantum dot laser grown on silicon for silicon photonics. , 2019, , .		7
99	Ultra-high-resolution software-defined photonic terahertz spectroscopy. Optica, 2020, 7, 1445.	9.3	7
100	Photonic sampling of broadband QAM microwave signals exploiting interleaved optical Nyquist pulses. , 2018, , .		7
101	Co-Package Technology Platform for Low-Power and Low-Cost Data Centers. Applied Sciences (Switzerland), 2021, 11, 6098.	2.5	6
102	The role of different types of dopants in 1.3 μ m InAs/GaAs quantum-dot lasers. Journal Physics D: Applied Physics, 2022, 55, 215105.	2.8	6
103	Wireless-Over-Fiber Technology-Bringing the Wireless World Indoors. Optics and Photonics News, 2010, 21, 28.	0.5	5
104	Nitrogen ion implanted InP based photo-switch. Optics Express, 2012, 20, 26696.	3.4	5
105	High temperature operation of athermal widely tuneable laser with simplified wavelength control for WDM-PON systems. Optics Express, 2014, 22, 24405.	3.4	5
106	Transmission of MIMO radio signals over fibre using a novel phase quadrature double sideband frequency translation technique. , 2008, , .		4
107	InP-based ultra-fast photodetectors for millimeter-wave sub-harmonic mixers. , 2011, , .		4
108	Multichannel 200GHz 40Gb/s wireless communication system using photonic signal generation. , 2014, , .		4

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109	CLONETS - clock network services: Strategy and innovation for clock services over optical-fibre networks. , 2017, , .		4
110	Multi-service Digital Radio over Fibre System with Millimetre Wave Bridging. , 2018, , .		4
111	Selective area intermixing of III-V quantum-dot lasers grown on silicon with two wavelength lasing emissions. Semiconductor Science and Technology, 2019, 34, 085004.	2.0	4
112	Cascaded Microwave Photonic Filters for Side Mode Suppression in a Tunable Optoelectronic Oscillator applied to THz Signal Generation & Transmission. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	4
113	Electrically pumped continuous-wave O-band quantum-dot superluminescent diode on silicon. Optics Letters, 2020, 45, 5468.	3.3	4
114	<title>Development of a packaged optical phase-locked loop for use as a signal source in phased-array communications antennas</title>. , 1998, , .		3
115	Coherent frequency tuneable thz wireless signal generation using an optical phase lock loop system. , 2017, , .		3
116	CLONETS - Clock network services strategy and innovation for clock services over optical-fibre networks. , 2017, , .		3
117	III-V Quantum Dot Lasers Monolithically Grown on Silicon. , 2019, , .		3
118	Exact frequency and phase control of a terahertz laser. Optica, 2020, 7, 1143.	9.3	3
119	Optically Pumped Mixing at 100 GHz with Travelling-Wave Uni-Travelling Carrier Photodiodes. , 2011, , .		3
120	Digital Radio over Fiber Distribution using Millimetre Wave Bridging. , 2018, , .		3
121	IEEE 802.11a Data Over Fiber Transmission Using Electromagnetic Bandgap Photonic Antenna With Integrated Asymmetric Fabry-Pérot Modulator/Detector. Journal of Lightwave Technology, 2008, 26, 2671-2678.	4.6	2
122	Silicon-based long-wavelength III-V quantum-dot lasers. , 2012, , .		2
123	Microwave Photonics: Present Status and Future Outlook (Plenary Paper). , 2015, , .		2
124	Uni-travelling carrier photodetectors as THz detectors and emitters. , 2015, , .		2
125	Photonic generation and distribution of coherent multiband THz wireless signals. , 2017, , .		2
126	Terahertz generation mechanism in nano-grating electrode photomixers on Fe-doped InGaAsP. Optics Express, 2017, 25, 10177.	3.4	2

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127	60 GHz Wireless Link Implementing an Electronic Mixer Driven by a Photonically Integrated Uni-Traveling Carrier Photodiode at the Receiver. , 2018, , .		2
128	The H2020 Project CLONETS: Clock Services over Optical-fibre Networks in Europe. , 2018, , .		2
129	Integrated Wireless-Optical Backhaul and Fronthaul Provision Through Multicore Fiber. IEEE Access, 2020, 8, 146915-146922.	4.2	2
130	Demonstration of photonic integrated RAU for millimetre-wave gigabit wireless transmissio. , 2016, , .		2
131	Modeling of the dynamics of multi-section waveguide lasers. Optical and Quantum Electronics, 1999, 31, 1031-1045.	3.3	1
132	An EBG enhancement to patch array antenna with integrated optical transducer. , 2007, , .		1
133	Feasibility study of coherent LEO-ground link system using an optical injection phase lock loop technique. , 2011, , .		1
134	1 Gb/s wireless link at 200 GHz using heterodyne detection. , 2012, , .		1
135	Millimeter-wave signal generation by optical heterodyne of two channels from an arrayed waveguide grating-based multi-wavelength laser. , 2012, , .		1
136	Long-wavelength III-V quantum-dot lasers monolithically grown on Si substrates. , 2013, , .		1
137	InAs/GaAs quantum-dot lasers and detectors on silicon substrates for silicon photonics. , 2013, , .		1
138	Optimisation of 1.3- μ m InAs/GaAs Quantum-Dot Lasers Monolithically Grown on Si Substrates. Journal of Physics: Conference Series, 2015, 619, 012011.	0.4	1
139	Prospects for millimetre-wave-over-fibre and THz-over-fibre systems. Proceedings of SPIE, 2015, , .	0.8	1
140	Experimental investigation of phase noise tolerance of SSB THz signals. , 2017, , .		1
141	1 Gbaud QPSK wireless receiver using an opto-electronic mixer. , 2017, , .		1
142	III-IV quantum dot lasers epitaxially grown on Si. , 2017, , .		1
143	InAs/GaAs Quantum Dot Lasers Monolithically Integrated on Group IV Platform. , 2018, , .		1
144	High-resolution frequency and phase control of a terahertz laser. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
145	Near-Field Probe Mapping of the THz Electric Field Distribution on Metallic Surfaces. , 2013, , .		1
146	Electrically Pumped 1.3- μm InAs/GaAs Quantum Dot Laser Monolithically Grown on Si Substrate Lasing up to 111 $^{\circ}\text{C}$. , 2015, , .		1
147	Integrated Photonics for Wireless and Satellite Applications. , 2020, , .		1
148	Linewidth tolerance for THz communication systems using phase estimation algorithm. , 2016, , .		1
149	Photonicallly Generated Millimetre-Wave and THz Links for Wireless Fronthaul and Backhaul. , 2021, , .		1
150	Technologies for radio over fibre systems. , 2009, , .		0
151	1.3-um InAs/GaAs quantum-dot lasers monolithically grown on Ge substrate. , 2011, , .		0
152	InAs/GaAs quantum-dot lasers monolithically grown on Si substrate. , 2012, , .		0
153	Photonic integration for millimetre-wave and THz systems. , 2014, , .		0
154	Zenneck THz Surface Waves-assisted Imaging of Subwavelength Dielectric Particles. , 2014, , .		0
155	Multiband transmission for sub-THz wireless over fibre communication system. , 2015, , .		0
156	Generation of continuous wave terahertz radiation from Fe-doped InGaAs and InGaAsP. , 2015, , .		0
157	Terahertz emission mechanism and laser excitation position dependence of nano-grating electrode photomixers. , 2016, , .		0
158	Monolithically integrated optical phase lock loop with 1 THz tuneability. , 2017, , .		0
159	THz Over Fibre for High Capacity Wireless Transmission: Tutorial Paper. , 2018, , .		0
160	Dynamic Properties of Monolithic 1.3 μm InAs/GaAs Quantum Dot Lasers on Silicon. , 2018, , .		0
161	Tuneable Optical Frequency Comb Generator for THz Spectroscopy. , 2018, , .		0
162	The H2020 European project CLONETS: Clock services over optical-fibre networks in Europe. , 2018, , .		0

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163	Dynamics of Quantum Dot Lasers on Silicon. , 2019, , .		0
164	Continuously Tunable Coherent THz Synthesizer, Referenced to Primary Frequency Standards. , 2019, , .		0
165	CLONETS â€œ Clock Network Services : Optical-fibre network for clock services in Europe: recent progress. , 2019, , .		0
166	Modeling of Ultrafast Waveguided Electro-Absorption Modulator at Telecommunication Wavelength ($\lambda = 1.55 \mu\text{m}$) Based on Intersubband Transition in an InGaAs/AlAs/AlAsSb Asymmetric Coupled Double Quantum Well Lattice-Matched to InP. IEEE Journal of Quantum Electronics, 2021, 57, 1-10.	1.9	0
167	IIIâ€“V quantum-dot laser growth on silicon and germanium. , 2013, , .		0
168	Spatial confinement of broadband THz pulses with a twin-needle probe for THz spectroscopy. , 2013, , .		0
169	Quantum Dot Lasers on Silicon by Direct Epitaxial Growth. , 2015, , .		0
170	Monolithic Integration of 1.3 μm III-V Quantum-Dot Lasers on Si for Si Photonics. , 2018, , .		0
171	O-band InAs Quantum Dot Light Sources Monolithically Grown on Si. , 2018, , .		0
172	The CLONETS â€œ Clock Network Services: Strategy and innovation for clock services over optical-fibre networks. , 2019, , .		0
173	The CLONETS 1/2 Clock Network Services Strategy and Innovation for Clock Services Over Optical-Fibre Networks. , 0, , .		0
174	Photonic systems for tunable mm-wave and THz wireless communications. , 2019, , .		0
175	InP Photonic Integrated Circuit for 6.7GHz Spaced Optical Frequency Comb Generator. , 2021, , .		0