

# Namkyoo Park

## List of Publications by Year in descending order

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286  
papers

8,413  
citations

50276

46  
h-index

54911

84  
g-index

291  
all docs

291  
docs citations

291  
times ranked

7370  
citing authors

#	ARTICLE	IF	CITATIONS
1	A terahertz metamaterial with unnaturally high refractive index. <i>Nature</i> , 2011, 470, 369-373.	27.8	551
2	Terahertz field enhancement by a metallic nano slit operating beyond the skin-depth limit. <i>Nature Photonics</i> , 2009, 3, 152-156.	31.4	514
3	Active Terahertz Nanoantennas Based on VO <sub>2</sub> Phase Transition. <i>Nano Letters</i> , 2010, 10, 2064-2068.	9.1	331
4	Atomic layer lithography of wafer-scale nanogap arrays for extreme confinement of electromagnetic waves. <i>Nature Communications</i> , 2013, 4, 2361.	12.8	286
5	Flexible, Angle-Independent, Structural Color Reflectors Inspired by Morpho Butterfly Wings. <i>Advanced Materials</i> , 2012, 24, 2375-2379.	21.0	276
6	24-line multiwavelength operation of erbium-doped fiber-ring laser. <i>IEEE Photonics Technology Letters</i> , 1996, 8, 1459-1461.	2.5	273
7	Control of Fano asymmetry in plasmon induced transparency and its application to plasmonic waveguide modulator. <i>Optics Express</i> , 2012, 20, 18994.	3.4	191
8	Colossal Absorption of Molecules Inside Single Terahertz Nanoantennas. <i>Nano Letters</i> , 2013, 13, 1782-1786.	9.1	178
9	Toward Plasmonics with Nanometer Precision: Nonlinear Optics of Helium-Ion Milled Gold Nanoantennas. <i>Nano Letters</i> , 2014, 14, 4778-4784.	9.1	174
10	Optofluidic maskless lithography system for real-time synthesis of photopolymerized microstructures in microfluidic channels. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	150
11	Efficiency of broadband four-wave mixing wavelength conversion using semiconductor traveling-wave amplifiers. <i>IEEE Photonics Technology Letters</i> , 1994, 6, 50-52.	2.5	131
12	All fiber, low threshold, widely tunable single-frequency, erbium-doped fiber ring laser with a tandem fiber Fabry-Perot filter. <i>Applied Physics Letters</i> , 1991, 59, 2369-2371.	3.3	129
13	Engineered disorder in photonics. <i>Nature Reviews Materials</i> , 2021, 6, 226-243.	48.7	129
14	Efficient formulation of Raman amplifier propagation equations with average power analysis. <i>IEEE Photonics Technology Letters</i> , 2000, 12, 1486-1488.	2.5	116
15	Actively gain-flattened erbium-doped fiber amplifier over 35 nm by using all-fiber acoustooptic tunable filters. <i>IEEE Photonics Technology Letters</i> , 1998, 10, 790-792.	2.5	115
16	A Vanadium Dioxide Metamaterial Disengaged from Insulator-to-Metal Transition. <i>Nano Letters</i> , 2015, 15, 6318-6323.	9.1	108
17	Four-wave mixing wavelength conversion efficiency in semiconductor traveling-wave amplifiers measured to 65 nm of wavelength shift. <i>IEEE Photonics Technology Letters</i> , 1994, 6, 984-987.	2.5	106
18	Fano-type spectral asymmetry and its control for plasmonic metal-insulator-metal stub structures. <i>Optics Express</i> , 2011, 19, 10907.	3.4	101

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19	Coefficient determination related to optical gain in erbium-doped silicon-rich silicon oxide waveguide amplifier. Applied Physics Letters, 2002, 81, 3720-3722.	3.3	99
20	Enhancement of power conversion efficiency for an L-band EDFA with a secondary pumping effect in the unpumped EDF section. IEEE Photonics Technology Letters, 1999, 11, 42-44.	2.5	98
21	Analysis of distributed temperature sensing based on Raman scattering using OTDR coding and discrete Raman amplification. Measurement Science and Technology, 2007, 18, 3211-3218.	2.6	97
22	Adiabatic Nanofocusing Scattering-Type Optical Nanoscopy of Individual Gold Nanoparticles. Nano Letters, 2011, 11, 1609-1613.	9.1	97
23	Adiabatic Nanofocusing on UltrasMOOTH Single-Crystalline Gold Tapers Creates a 10-nm-Sized Light Source with Few-Cycle Time Resolution. ACS Nano, 2012, 6, 6040-6048.	14.6	97
24	Flat amplitude equal spacing 798-channel Rayleigh-assisted Brillouin/Raman multiwavelength comb generation in dispersion compensating fiber. IEEE Photonics Technology Letters, 2001, 13, 1352-1354.	2.5	92
25	Simultaneous measurement of strain and temperature by use of a single-fiber Bragg grating and an erbium-doped fiber amplifier. Applied Optics, 1999, 38, 2749.	2.1	91
26	Graphene-ferroelectric metadevices for nonvolatile memory and reconfigurable logic-gate operations. Nature Communications, 2016, 7, 10429.	12.8	89
27	Terahertz four-wave mixing spectroscopy for study of ultrafast dynamics in a semiconductor optical amplifier. Applied Physics Letters, 1993, 63, 1179-1181.	3.3	84
28	Raman-based distributed temperature sensor with simplex coding and link optimization. IEEE Photonics Technology Letters, 2006, 18, 1879-1881.	2.5	84
29	Optical gain at 1.5 $\mu\text{m}$ in nanocrystal Si-sensitized Er-doped silica waveguide using top-pumping 470 nm LEDs. Journal of Lightwave Technology, 2005, 23, 19-25.	4.6	83
30	Bethe-hole polarization analyser for the magnetic vector of light. Nature Communications, 2011, 2, 451.	12.8	83
31	A new family of space/wavelength/time spread three-dimensional optical code for OCDMA networks. Journal of Lightwave Technology, 2000, 18, 502-511.	4.6	80
32	Micromachined Fourier transform spectrometer on silicon optical bench platform. Sensors and Actuators A: Physical, 2006, 130-131, 523-530.	4.1	78
33	Multiple wavelength operation of an erbium-doped fiber laser. IEEE Photonics Technology Letters, 1992, 4, 540-541.	2.5	75
34	Hotspot-Engineered 3D Multipetal Flower Assemblies for Surface-Enhanced Raman Spectroscopy. Advanced Materials, 2014, 26, 5924-5929.	21.0	74
35	Dynamics of cascaded Brillouin-Rayleigh scattering in a distributed fiber Raman amplifier. Optics Letters, 2002, 27, 155.	3.3	70
36	An improved delayed self-heterodyne interferometer for linewidth measurements. IEEE Photonics Technology Letters, 1992, 4, 1063-1066.	2.5	68

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37	Optimization of SNR improvement in the noncoherent OTDR based on simplex codes. Journal of Lightwave Technology, 2006, 24, 322-328.	4.6	65
38	Gap-Plasmon-Enhanced Nanofocusing Near-Field Microscopy. ACS Photonics, 2016, 3, 223-232.	6.6	63
39	Bloch-like waves in random-walk potentials based on supersymmetry. Nature Communications, 2015, 6, 8269.	12.8	60
40	Acoustic omni meta-atom for decoupled access to all octants of a wave parameter space. Nature Communications, 2016, 7, 13012.	12.8	60
41	Simultaneous measurement of strain and temperature by use of a single fiber Bragg grating written in an erbium:ytterbium-doped fiber. Applied Optics, 2000, 39, 1118.	2.1	57
42	Cooperative upconversion and optical gain in ion-beam sputter-deposited Er <sub>x</sub> Y <sub>2-x</sub> SiO <sub>5</sub> waveguides. Optics Express, 2010, 18, 7724.	3.4	56
43	Coupled structure for wide-band EDFA with gain and noise figure improvements from C to L-band ASE injection. IEEE Photonics Technology Letters, 2000, 12, 480-482.	2.5	50
44	Extraordinary Magnetic Field Enhancement with Metallic Nanowire: Role of Surface Impedance in Babinet's Principle for Sub-Skin-Depth Regime. Physical Review Letters, 2009, 103, 263901.	7.8	49
45	Enhanced Light Trapping and Power Conversion Efficiency in Ultrathin Plasmonic Organic Solar Cells: A Coupled Optical-Electrical Multiphysics Study on the Effect of Nanoparticle Geometry. ACS Photonics, 2015, 2, 78-85.	6.6	49
46	Low noise, high efficiency L-band EDFA with 980nm pumping. Electronics Letters, 1999, 35, 1099.	1.0	48
47	Wavelength-time spreading optical CDMA system using wavelength multiplexers and mirrored fiber delay lines. IEEE Photonics Technology Letters, 2000, 12, 1278-1280.	2.5	48
48	Optical magnetic field mapping using a subwavelength aperture. Optics Express, 2013, 21, 5625.	3.4	48
49	Giant nonlinear response of terahertz nanoresonators on VO <sub>2</sub> thin film. Optics Express, 2010, 18, 16452.	3.4	47
50	Performance comparison of optical 8-ary differential phase-shift keying systems with different electrical decision schemes. Optics Express, 2005, 13, 371.	3.4	46
51	Low-loss surface-plasmonic nanobeam cavities. Optics Express, 2010, 18, 11089.	3.4	44
52	Colossal Terahertz Field Enhancement Using Split-Ring Resonators with a Sub-10 nm Gap. ACS Photonics, 2018, 5, 278-283.	6.6	44
53	Topological Hyperbolic Lattices. Physical Review Letters, 2020, 125, 053901.	7.8	42
54	Digitally virtualized atoms for acoustic metamaterials. Nature Communications, 2020, 11, 251.	12.8	42

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55	Resonance behavior of single ultrathin slot antennas on finite dielectric substrates in terahertz regime. Applied Physics Letters, 2010, 96, .	3.3	41
56	Ultimate terahertz field enhancement of single nanoslits. Physical Review B, 2017, 95, .	3.2	40
57	Limitation of PMD compensation due to polarization-dependent loss in high-speed optical transmission links. IEEE Photonics Technology Letters, 2002, 14, 104-106.	2.5	38
58	High-power Er-Yb-doped fiber amplifier with multichannel gain flatness within 0.2 dB over 14 nm. IEEE Photonics Technology Letters, 1996, 8, 1148-1150.	2.5	36
59	Demonstration of 10ÅGbps, all-optical encryption and decryption system utilizing SOA XOR logic gates. Optical and Quantum Electronics, 2008, 40, 425-430.	3.3	36
60	Out of plane mode conversion and manipulation of Surface Plasmon Polariton Waves. Optics Express, 2010, 18, 8800.	3.4	35
61	Design of new family of two-dimensional wavelength-time spreading codes for optical code division multiple access networks. Electronics Letters, 1999, 35, 830.	1.0	34
62	Highly nondegenerate fourâ€wave mixing and gain nonlinearity in a strained multipleâ€quantumâ€well optical amplifier. Applied Physics Letters, 1993, 62, 2301-2303.	3.3	32
63	Low-dimensional optical chirality in complex potentials. Optica, 2016, 3, 1025.	9.3	32
64	Bohmian Photonics for Independent Control of the Phase and Amplitude of Waves. Physical Review Letters, 2018, 120, 193902.	7.8	32
65	Dual-stage erbium-doped, erbium/ytterbium-codoped fiber amplifier with up to +26-dBm output power and a 17-nm flat spectrum. Optics Letters, 1996, 21, 1744.	3.3	31
66	Erbiumâ€thulium interaction in broadband infrared luminescent silicon-rich silicon oxide. Applied Physics Letters, 2003, 82, 3445-3447.	3.3	31
67	Direct Optical Probing of Transverse Electric Mode in Graphene. Scientific Reports, 2016, 6, 21523.	3.3	30
68	Comparative study on temperature-dependent multichannel gain and noise figure distortion for 1.48- and 0.98-1.4µm pumped EDFAs. IEEE Photonics Technology Letters, 1998, 10, 1721-1723.	2.5	29
69	Design of all-optical read-only memory. Applied Optics, 2009, 48, G21.	2.1	29
70	Progress toward high- $Q$ perfect absorption: A Fano antilaser. Physical Review A, 2015, 92, .	2.5	29
71	SNR enhancement of OTDR using biorthogonal codes and generalized inverses. IEEE Photonics Technology Letters, 2005, 17, 163-165.	2.5	28
72	Superfocusing of electric or magnetic fields using conical metal tips: effect of mode symmetry on the plasmon excitation method. Optics Express, 2011, 19, 12342.	3.4	28

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73	Frequency locking of an erbium-doped fiber ring laser to an external fiber Fabry-Perot resonator. Optics Letters, 1993, 18, 879.	3.3	26
74	Passive erbium-doped fiber seed photon generator for high-power Er <sup>3+</sup> -doped fiber fluorescent sources with an 80-nm bandwidth. Optics Letters, 1999, 24, 279.	3.3	26
75	Performance analysis of nanocluster-Si sensitized Er-doped waveguide amplifier using top-pumped 470nm LED. Optics Express, 2005, 13, 9881.	3.4	26
76	Design of Transverse Spinning of Light with Globally Unique Handedness. Physical Review Letters, 2018, 120, 203901.	7.8	26
77	Reduction of the intensity noise from an erbium-doped fiber laser to the standard quantum limit by intracavity spectral filtering. Applied Physics Letters, 1992, 61, 1889-1891.	3.3	25
78	All-optical 4-bit Gray code to binary coded decimal converter. Proceedings of SPIE, 2008, , .	0.8	25
79	Plasmonic Excitations of 1D Metal-Dielectric Interfaces in 2D Systems: 1D Surface Plasmon Polaritons. Scientific Reports, 2014, 4, 4536.	3.3	25
80	High-Speed Transmission Control in Gate-Tunable Metasurfaces Using Hybrid Plasmonic Waveguide Mode. Advanced Optical Materials, 2020, 8, 2001256.	7.3	25
81	Linewidth and frequency jitter measurement of an erbium-doped fiber ring laser by using a loss-compensated, delayed self-heterodyne interferometer. Optics Letters, 1992, 17, 1274.	3.3	24
82	One-Level Simplification Method for All-Optical Combinational Logic Circuits. IEEE Photonics Technology Letters, 2008, 20, 800-802.	2.5	24
83	Incorporation of nanovoids into metallic gratings for broadband plasmonic organic solar cells. Optics Express, 2013, 21, 4055.	3.4	24
84	Unusual Otto excitation dynamics and enhanced coupling of light to TE plasmons in graphene. Optics Express, 2014, 22, 847.	3.4	24
85	Topology-Changing Broadband Metamaterials Enabled by Closable Nanotrenches. Nano Letters, 2021, 21, 4202-4208.	9.1	24
86	Spatiospectral separation of exceptional points in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric optical potentials. Physical Review A, 2012, 86, .	2.5	23
87	Interdimensional optical isospectrality inspired by graph networks. Optica, 2016, 3, 836.	9.3	23
88	Metadisorder for designer light in random systems. Science Advances, 2016, 2, e1501851.	10.3	22
89	Dynamic EDFA gain-flattening filter using two LPFGs with divided coil heaters. IEEE Photonics Technology Letters, 2005, 17, 1226-1228.	2.5	21
90	A Transformative Metasurface Based on Zerogap Embedded Template. Advanced Optical Materials, 2021, 9, 2002164.	7.3	21

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91	Analysis on the channel power oscillation in the closed WDM ring network with the channel power equalizer. IEEE Photonics Technology Letters, 2000, 12, 1409-1411.	2.5	20
92	Reconfigurable all-optical logic AND, NAND, OR, NOR, XOR and XNOR gates implemented by photonic crystal nonlinear cavities. , 2009, , .		20
93	Metal slit array Fresnel lens for wavelength-scale optical coupling to nanophotonic waveguides. Optics Express, 2009, 17, 18852.	3.4	20
94	Directional emission from photonic crystal waveguide terminations using particle swarm optimization. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 343.	2.1	20
95	Terahertz pinch harmonics enabled by single nano rods. Optics Express, 2011, 19, 24775.	3.4	20
96	Fabrication of nanopore on pyramid. Applied Surface Science, 2014, 310, 196-203.	6.1	20
97	Closed Integral Form Expansion of Raman Equation for Efficient Gain Optimization Process. IEEE Photonics Technology Letters, 2004, 16, 1649-1651.	2.5	19
98	Surface plasmon beam splitting by the photon tunneling through the plasmonic nanogap. Applied Physics Letters, 2010, 97, 133113.	3.3	19
99	Eight Inch Wafer-Scale Flexible Polarization-Dependent Color Filters with Ag <sub>2</sub> TiO <sub>2</sub> Composite Nanowires. ACS Applied Materials & Interfaces, 2018, 10, 9188-9196.	8.0	19
100	Active terahertz metamaterials: Nano-slot antennas on VO <sub>2</sub> thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1227-1230.	0.8	18
101	Spectral separation of optical spin based on antisymmetric Fano resonances. Scientific Reports, 2015, 5, 16585.	3.3	18
102	Machine learning identifies scale-free properties in disordered materials. Nature Communications, 2020, 11, 4842.	12.8	18
103	Broadband wavelength conversion with amplification by four-wave mixing in semiconductor travelling-wave amplifiers. Electronics Letters, 1994, 30, 859.	1.0	17
104	Si nanocluster sensitization of Er-doped silica for optical amplifier using top-pumping visible LEDs. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 783-796.	2.9	17
105	Effect of index contrasts in the wide spectral-range control of slot waveguide dispersion. Optics Express, 2012, 20, 13189.	3.4	17
106	Mode junction photonics with a symmetry-breaking arrangement of mode-orthogonal heterostructures. Optics Express, 2011, 19, 25500.	3.4	16
107	Slow-light dispersion properties of multiatomic multiband coupled-resonator optical waveguides. Physical Review A, 2012, 85, .	2.5	16
108	Acoustic Willis meta-atom beyond the bounds of passivity and reciprocity. Communications Physics, 2021, 4, .	5.3	16

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109	Phase-dependent reversible nonreciprocity in complex metamolecules. <i>Physical Review B</i> , 2013, 87, .	3.2	15
110	Acceleration toward polarization singularity inspired by relativistic E $\vec{A}$ -B drift. <i>Scientific Reports</i> , 2016, 6, 37754.	3.3	15
111	Demonstration of steering acoustic waves by generalized Eaton lens. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	15
112	Study of interwell carrier transport by terahertz four-wave mixing in an optical amplifier with tensile and compressively strained quantum wells. <i>Applied Physics Letters</i> , 1994, 65, 1897-1899.	3.3	14
113	MEMS reflective type variable optical attenuator using off-axis misalignment. , 0, , .		14
114	Neuromorphic Functions of Light in Parity-Time-Symmetric Systems. <i>Advanced Science</i> , 2019, 6, 1900771.	11.2	14
115	Tunable, single-frequency, erbium fiber ring lasers. , 0, , .		13
116	Analysis on the transient response of 1.55- $\mu$ m/1.4- $\mu$ m dual-wavelength pumped thulium-doped fiber amplifiers. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1503-1505.	2.5	13
117	In situ design method for multichannel gain of a distributed Raman amplifier with multiwave OTDR. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1683-1685.	2.5	13
118	Wave front adaptation using a deformable mirror for adiabatic nanofocusing along an ultrasharp gold taper. <i>Optics Express</i> , 2013, 21, 26564.	3.4	13
119	Nanopore formation on Au coated pyramid under electron beam irradiations (plasmonic nanopore on) Tj ETQq1 1 0.784314 rgBT /Overl	4.2	13
120	Controlling Random Waves with Digital Building Blocks Based on Supersymmetry. <i>Physical Review Applied</i> , 2017, 8, .	3.8	13
121	Co-clasing in an electrically tunable erbium-doped fiber laser. <i>Applied Physics Letters</i> , 1992, 60, 3090-3092.	3.3	12
122	Reference level free multichannel gain equalization and transient gain suppression of EDFA with differential ASE power monitoring. <i>IEEE Photonics Technology Letters</i> , 1999, 11, 316-318.	2.5	12
123	Fabrication and Analysis of Epitaxially Grown Ge <sub>1-x</sub> Sn <sub>x</sub> Microdisk Resonator With 20-nm Free-Spectral Range. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1535-1537.	2.5	12
124	Fabrication of pyramidal probes with various periodic patterns and a single nanopore. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2015, 33, .	1.2	12
125	Inverted Ultrathin Organic Solar Cells with a Quasi-Grating Structure for Efficient Carrier Collection and Dip-less Visible Optical Absorption. <i>Scientific Reports</i> , 2016, 6, 21784.	3.3	12
126	Terahertz field enhancement in asymmetric and tapered nano-gaps. <i>Optics Express</i> , 2016, 24, 2065.	3.4	12



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127	Universal Design Platform for an Extended Class of Photonic Dirac Cones. Physical Review Applied, 2020, 13, .	3.8	12
128	Hearing the shape of a drum for light: isospectrality in photonics. Nanophotonics, 2022, 11, 2763-2778.	6.0	12
129	Reduction of temperature-dependent multichannel gain distortion using a hybrid erbium-doped fiber cascade. IEEE Photonics Technology Letters, 1998, 10, 1168-1170.	2.5	11
130	Novel in-service supervisory system using OTDR for long-haul WDM transmission link including cascaded in-line EDFAs. IEEE Photonics Technology Letters, 2001, 13, 1136-1138.	2.5	11
131	Superresolution Digital Image Enhancement by Subpixel Image Translation With a Scanning Micromirror. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 304-311.	2.9	11
132	Selective electric and magnetic sensitivity of aperture probes. Optics Express, 2015, 23, 20820.	3.4	11
133	One-way optical modal transition based on causality in momentum space. Optics Express, 2015, 23, 24997.	3.4	11
134	Effect of structural asymmetry on three layer plasmonic waveguide properties. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 963.	2.1	11
135	Disordered Potential Landscapes for Anomalous Delocalization and Superdiffusion of Light. ACS Photonics, 2018, 5, 1499-1505.	6.6	11
136	Suppression of Radiative Damping and Enhancement of Second Harmonic Generation in Bullâ€™s Eye Nanoresonators. ACS Nano, 2016, 10, 475-483.	14.6	11
137	Analysis and experimental demonstration of simplex coding technique for snr enhancement of OTDR. , 0, , .		10
138	Embedding metal electrodes in thick active layers for ITO-free plasmonic organic solar cells with improved performance. Optics Express, 2014, 22, A1145.	3.4	10
139	New trends in nanophotonics. Nanophotonics, 2020, 9, 983-985.	6.0	10
140	Dynamic gain equalization of erbium-doped fiber amplifier with all-fiber acousto-optic tunable filters. , 0, , .		9
141	Study on the gain excursion and tilt compensation for 1.4- and 1.5- $\mu$ m dual wavelength pumped TDFA. IEEE Photonics Technology Letters, 2002, 14, 786-788.	2.5	9
142	Study on the PMD impairment of optical multilevel DPSK systems and its mitigation methods. IEEE Photonics Technology Letters, 2005, 17, 2577-2579.	2.5	9
143	Tunable Optical Bandpass Filter With Variable-Aperture MEMS Reflector. Journal of Lightwave Technology, 2006, 24, 5095-5102.	4.6	9
144	In-service monitoring of 16 port x 32 wavelength bi-directional WDM-PON systems with a tunable, coded optical time domain reflectometry. Optics Express, 2007, 15, 6874.	3.4	9

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145	Self-Organized Gold Network Vanadium Dioxide Hybrid Film for Dynamic Modulation of Visible-Near-Infrared Light. <i>Advanced Photonics Research</i> , 2020, 1, 2000050.	3.6	9
146	Integral form expansion of fiber Raman amplifier problem. <i>Optical Fiber Technology</i> , 2005, 11, 111-130.	2.7	8
147	Gain and noise figure spectrum control algorithm for fiber Raman amplifiers. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1125-1127.	2.5	8
148	Wavelength-transparent nonlinear optical gate based on self-seeded gain modulation in folded tandem-SOA. <i>Optics Express</i> , 2007, 15, 4929.	3.4	8
149	Theoretical study on the generation of a low-noise plasmonic hotspot by means of a trench-assisted circular nano-slit. <i>Optics Express</i> , 2014, 22, 26844.	3.4	8
150	Steering second-harmonic radiation through local excitations of plasmon. <i>Optics Express</i> , 2019, 27, 18246.	3.4	8
151	Measurements of the intensity noise of a broadly tunable, erbium-doped fiber ring laser, relative to the standard quantum limit. <i>Applied Physics Letters</i> , 1992, 60, 2583-2585.	3.3	7
152	53-line multi-wavelength generation of Brillouin/erbium fiber laser with enhanced Stokes feedback coupling. , 0, , .		7
153	Demonstration of 52-nm gain bandwidth over 2400 km (540 dB loss) with gain-equalized low-noise wide-band EDFA's. <i>IEEE Photonics Technology Letters</i> , 2000, 12, 329-331.	2.5	7
154	Study on the pumping wavelength dependency of S/sup +/-band fluoride based thulium doped fiber amplifiers. , 0, , .		7
155	Integral equation approach for the analysis of high-power semiconductor optical amplifiers. <i>Optics Express</i> , 2006, 14, 2398.	3.4	7
156	Coded output photonic A/D converter based on photonic crystal slow-light structures. <i>Optics Express</i> , 2008, 16, 13752.	3.4	7
157	Terahertz transmission through rings of quantum dots-nanogap. <i>Applied Physics Express</i> , 2016, 9, 032001.	2.4	7
158	Ultrathin Organic Solar Cells with a Power Conversion Efficiency of Over $\sim 13.0\%$ , Based on the Spatial Corrugation of the Metal Electrode Cathode Fabry-Perot Cavity. <i>Advanced Science</i> , 2018, 5, 1700900.	11.2	7
159	Simultaneous measurement of strain and temperature using a single fiber Bragg grating with erbium-doped fiber amplifier. , 0, , .		6
160	Bidirectional wavelength add/drop multiplexer using two separate MUX and DEMUX pairs and reflection-type comb filters. <i>Optics Communications</i> , 2002, 205, 321-327.	2.1	6
161	Comparisons on PMD-Compensation Feedback Methods for Bandwidth-Rich Transmission Formats. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 1597-1599.	2.5	6
162	Coded optical time domain reflectometry: principle and applications. <i>Proceedings of SPIE</i> , 2007, , .	0.8	6

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163	Performance Evaluation of Trellis Code Modulated oDQPSK Using the KLSE Method. IEEE Photonics Technology Letters, 2007, 19, 1245-1247.	2.5	6
164	All-optical Read Only Memory Employing SOAs. Journal of the Optical Society of Korea, 2008, 12, 52-56.	0.6	6
165	Target decoupling in coupled systems resistant to random perturbation. Scientific Reports, 2017, 7, 2139.	3.3	6
166	Interface defect-assisted phonon scattering of hot carriers in graphene. Physical Review B, 2017, 96, .	3.2	6
167	Topologically protected optical signal processing using parityâ€‘time-symmetric oscillation quenching. Nanophotonics, 2021, 10, 2883-2891.	6.0	6
168	Link-control gain clamping for a cascaded EDFAs link using differential ASE monitor. IEEE Photonics Technology Letters, 2000, 12, 1334-1336.	2.5	5
169	Polarization-mode-dispersion compensator using a polarization beam splitter and quarter-wave plates. Applied Optics, 2001, 40, 4473.	2.1	5
170	Semianalytic dynamic gain-clamping method for the fiber Raman amplifier. IEEE Photonics Technology Letters, 2005, 17, 768-770.	2.5	5
171	Designing non-Hermitian dynamics for conservative state evolution on the Bloch sphere. Physical Review A, 2018, 97, .	2.5	5
172	Dispersionâ€‘Controlled Goldâ€‘Aluminumâ€‘Silicon Dioxideâ€‘Aluminum Nanopawn Structures for Visible to NIR Light Modulation. Advanced Materials, 2021, 33, e2007831.	21.0	5
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