# Kenneth K Y Wong

List of Publications by Year
in descending order



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|---|---|---|---|
| 283 papers | 5,179 citations | 87888 38 h-index | 138484 58 g-index |
| 287 all docs | 287 docs citations | 287 times ranked | 3152 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Breathing Dissipative Soliton Molecule Switching in a Bidirectional Modeâ€Locked Fiber Laser. Advanced Photonics Research, 2022, 3, . | 3.6 | 13 |
| 2 | Pencil-beam scanning catheter for intracoronary optical coherence tomography. Opto-Electronic Advances, 2022, 5, 200050-200050. | 13.3 | 6 |
| 3 | Two-photon microscopy with enhanced resolution and signal-to-background ratio using hollow Gaussian beam excitation. Optics Letters, 2022, 47, 2048. | 3.3 | 2 |
| 4 | Dynamics of breathing dissipative soliton pairs in a bidirectional ultrafast fiber laser. Optics Letters, 2022, 47, 1968. | 3.3 | 12 |
| 5 | Hybrid optical parametrically-oscillating emitter at 1930Ânm for volumetric photoacoustic imaging of water content. ELight, 2022, 2, . | 23.9 | 17 |
| 6 | 890-nm-excited SHG and fluorescence imaging enabled by an all-fiber mode-locked laser. Optics Letters, 2022, 47, 2710. | 3.3 | 4 |
| 7 | Temporal Imaging for Ultrafast Spectral-Temporal Optical Signal Processing and Characterization. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-13. | 2.9 | 5 |
| 8 | Nearâ€infrared doubleâ€illumination opticalâ€resolution photoacoustic microscopy. Journal of Biophotonics, 2021, 14, e202000392. | 2.3 | 2 |
| 9 | High-throughput Multimodal FACED Imaging Flow Cytometry. , 2021, , . | | 0 |
| 10 | 1.7-Î¼m dissipative soliton Tm-doped fiber laser. Photonics Research, 2021, 9, 873. | 7.0 | 38 |
| 11 | Background-Free Volumetric Two-Photon Microscopy by Side-Lobes-Cancelled Bessel Beam. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7. | 2.9 | 7 |
| 12 | Multimodal FACED imaging for large-scale single-cell morphological profiling. APL Photonics, 2021, 6, . | 5.7 | 12 |
| 13 | Broadband meta-converters for multiple Laguerre-Gaussian modes. Photonics Research, 2021, 9, 1689. | 7.0 | 9 |
| 14 | Largeâ€Scale Surface Shape Sensing with Learningâ€Based Computational Mechanics. Advanced Intelligent Systems, 2021, 3, 2100089. | 6.1 | 6 |
| 15 | Generalized and scalable trajectory inference in single-cell omics data with VIA. Nature Communications, 2021, 12, 5528. | 12.8 | 36 |
| 16 | Non-Diffracting Light Wave: Fundamentals and Biomedical Applications. Frontiers in Physics, 2021, 9, . | 2.1 | 20 |
| 17 | Red Blood Cell Storage Monitoring by High-throughput Single-bell Image-based Biophysical Profiling. , 2021, , . | | 0 |
| 18 | Polarization-independent parametric time magnifier based on four-wave mixing. Optics Letters, 2021, 46, 5627. | 3.3 | 2 |

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|---|---|---|---|
| 19 | Multimodal FACED imaging flow cytometry for correlative single-cell morphological analysis. , 2021, , . | | 0 |
| 20 | Self-synchronized two-color fiber laser system for stimulated Raman scattering microscopy in cell-silent regime. , 2021, , . | | 1 |
| 21 | Large-scale optical pulling of cancer cells with counter-propagating beams in the near-infrared-II window. , 2021, , . | | 0 |
| 22 | Deconvolution of Non-diffracting Beam Based Confocal Two-photon Microscopy. , 2021, , . | | 0 |
| 23 | Cloaking nanosecond events at any time. Frontiers of Optoelectronics, 2020, 13, 188-189. | 3.7 | 0 |
| 24 | Ultrafast single-shot optical vector network analyzer based on coherent time-stretch. APL Photonics, 2020, 5, 106109. | 5.7 | 2 |
| 25 | Deep-learning-assisted biophysical imaging cytometry at massive throughput delineates cell population heterogeneity. Lab on A Chip, 2020, 20, 3696-3708. | 6.0 | 41 |
| 26 | Photonic Nanojet Mediated Backaction of Dielectric Microparticles. ACS Photonics, 2020, 7, 1483-1490. | 6.6 | 23 |
| 27 | Encrypted wide-field two-photon microscopy with single-pixel detection and compressed sensing. Applied Physics Express, 2020, 13, 032007. | 2.4 | 2 |
| 28 | High-contrast, fast chemical imaging by coherent Raman scattering using a self-synchronized two-colour fibre laser. Light: Science and Applications, 2020, 9, 25. | 16.6 | 50 |
| 29 | Parallelized volumetric fluorescence microscopy with a reconfigurable coded incoherent light-sheet array. Light: Science and Applications, 2020, 9, 8. | 16.6 | 39 |
| 30 | Real-time transition dynamics and stability of chip-scale dispersion-managed frequency microcombs. Light: Science and Applications, 2020, 9, 52. | 16.6 | 24 |
| 31 | Axially resolved volumetric two-photon microscopy with an extended field of view using depth localization under mirrored Airy beams. Optics Express, 2020, 28, 39563. | 3.4 | 2 |
| 32 | GrÃ¼neisen-relaxation photoacoustic microscopy at 1.7â€‰â€‰Âµm and its application in lipid imaging. Optics Letters, 2020, 45, 3268. | 3.3 | 11 |
| 33 | Resolution enhancement in an extended depth of field for volumetric two-photon microscopy. Optics Letters, 2020, 45, 3054. | 3.3 | 8 |
| 34 | Multiscale high-speed photoacoustic microscopy based on free-space light transmission and a MEMS scanning mirror. Optics Letters, 2020, 45, 4312. | 3.3 | 25 |
| 35 | Buildup and dissociation dynamics of dissipative optical soliton molecules. Optica, 2020, 7, 965. | 9.3 | 57 |
| 36 | Optical coherence tomography with balanced signal strength across the depth for pearl inspection. OSA Continuum, 2020, 3, 1739. | 1.8 | 2 |

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|---|---|---|---|
| 37 | High-energy all-fiber gain-switched thulium-doped fiber laser for volumetric photoacoustic imaging of lipids. Photonics Research, 2020, 8, 160. | 7.0 | 34 |
| 38 | Breathing dissipative soliton explosions in a bidirectional ultrafast fiber laser. Photonics Research, 2020, 8, 1566. | 7.0 | 44 |
| 39 | Two-photon microscopy using hollow Gaussian beam. , 2020, , . | | 0 |
| 40 | Scattering resilient single pixel imaging with a gain-switched thulium-doped fiber laser. , 2020, , . | | 0 |
| 41 | Single-cell Fourier-transform light scattering analysis by high- throughput label-free imaging flow cytometry. , 2020, , . | | 0 |
| 42 | Volumetric two-photon microscopy with expanded field of view using dual Airy beam. , 2020, , . | | 0 |
| 43 | All-fiber thulium-doped fiber laser (TDFL) for volumetric photoacoustic microscopy of lipids. , 2020, , . | | 1 |
| 44 | Broadband thulium-assisted optical parametric chirped-pulse amplifier (TAOPCPA) for spectrally encoded microscopy at 2 Î¼m. , 2020, , . | | 0 |
| 45 | 3D reconstruction for volumetric two-photon microscopy using dual Airy beam. , 2020, , . | | 0 |
| 46 | Large-Temporal-Numerical-Aperture Parametric Spectro-Temporal Analyzer Based on Silicon Waveguide. IEEE Photonics Journal, 2019, 11, 1-10. | 2.0 | 5 |
| 47 | Label-Free Phytoplankton Analysis by High-Throughput Quantitative Phase Imaging Cytometry and Machine Learning. , 2019, , . | | 0 |
| 48 | High Energy Noise-Like Pulse Generation from a Mode-Locked Thulium-Doped Fiber Laser at 1.7ÂÎ¼m. IEEE Photonics Journal, 2019, 11, 1-6. | 2.0 | 17 |
| 49 | Broadband dynamic spectrum characterization based on gating-assisted electro-optic time lens. Applied Physics Letters, 2019, 114, . | 3.3 | 8 |
| 50 | Quantitative Phase Imaging Flow Cytometry for Ultraâ€Largeâ€Scale Singleâ€Cell Biophysical Phenotyping. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 510-520. | 1.5 | 60 |
| 51 | Multiâ€ATOM: Ultrahighâ€throughput singleâ€cell quantitative phase imaging with subcellular resolution. Journal of Biophotonics, 2019, 12, e201800479. | 2.3 | 34 |
| 52 | High Energy Dissipative Soliton Resonance in a Thulium-Doped Fiber Laser at 1750 nm. , 2019, , . | | 0 |
| 53 | High-Contrast Coherent Raman Scattering Imaging using a Self-Synchronized Dual-Color Fiber Laser. , 2019, , . | | 0 |
| 54 | Time-division-multiplexed observation bandwidth for ultrafast parametric spectro-temporal analyzer. Optics Express, 2019, 27, 30441. | 3.4 | 7 |

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| 55 | Volumetric two-photon microscopy with a non-diffracting Airy beam. Optics Letters, 2019, 44, 391. | 3.3 | 28 |
| 56 | Dual-comb spectrally encoded confocal microscopy by electro-optic modulators. Optics Letters, 2019, 44, 2919. | 3.3 | 12 |
| 57 | Unveiling femtosecond rogue-wave structures in noise-like pulses by a stable and synchronized time magnifier. Optics Letters, 2019, 44, 4351. | 3.3 | 26 |
| 58 | Behavioral similarity of dissipative solitons in an ultrafast fiber laser. Optics Letters, 2019, 44, 4813. | 3.3 | 24 |
| 59 | Depth-resolved volumetric two-photon microscopy based on dual Airy beam scanning. Optics Letters, 2019, 44, 5238. | 3.3 | 17 |
| 60 | Temporal structured illumination time-stretch microscopy. , 2019, , . | | 0 |
| 61 | Resolving the temporal structure of noise-like pulse using a synchronized time magnifier. , 2019, , . | | 0 |
| 62 | 1.7-Î¼m high-power laser generation from a thulium-assisted optical parametric oscillator (TAOPO) for bond-selective photoacoustic microscopy. , 2019, , . | | 0 |
| 63 | Comment on â€œGhost cytometryâ€• Science, 2019, 364, . | 12.6 | 6 |
| 64 | Temporally structured illumination for ultrafast time-stretch microscopy. Optics Letters, 2019, 44, 4634. | 3.3 | 2 |
| 65 | Ultrafast spectral dynamics of dual-color-soliton intracavity collision in a mode-locked fiber laser. Applied Physics Letters, 2018, 112, . | 3.3 | 63 |
| 66 | Broadband High-Energy All-Fiber Laser at 1.6 $mu$ m. IEEE Photonics Technology Letters, 2018, 30, 311-314. | 2.5 | 18 |
| 67 | A highâ€throughput allâ€optical laserâ€scanning imaging flow cytometer with biomolecular specificity and subcellular resolution. Journal of Biophotonics, 2018, 11, e201700178. | 2.3 | 14 |
| 68 | Ultrafast Green-Light Swept-Source Imaging Through Advanced Fiber-Optic Technologies. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-5. | 2.9 | 0 |
| 69 | Wavelength-swept source at 2.0 Âµm through second harmonic generation. , 2018, , . | | 0 |
| 70 | Video-rate centimeter-range optical coherence tomography based on dual optical frequency combs by electro-optic modulators. Optics Express, 2018, 26, 24928. | 3.4 | 12 |
| 71 | Optical Rogue Waves by Random Dissipative Soliton Buildup in a Fiber Laser. IEEE Photonics Technology Letters, 2018, 30, 1803-1806. | 2.5 | 13 |
| 72 | 102-nm, 445-MHz inertial-free swept source by mode-locked fiber laser and time stretch technique for optical coherence tomography. Optics Express, 2018, 26, 4370. | 3.4 | 46 |

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| 73 | Short pulse generation from a passively mode-locked fiber optical parametric oscillator with optical time-stretch. Optics Express, 2018, 26, 9565. | 3.4 | 5 |
| 74 | Monolithically integrated InGaN/GaN light-emitting diodes, photodetectors, and waveguides on Si substrate. Optica, 2018, 5, 564. | 9.3 | 102 |
| 75 | Flexible pulse-stretching for a swept source at 20â€‰â€‰Î¼m using free-space angular-chirp-enhanced delay. Optics Letters, 2018, 43, 102. | 3.3 | 5 |
| 76 | Point-spread function manipulation of the swept-source optical coherence tomography through temporal phase modulation. Optics Express, 2018, 26, 7270. | 3.4 | 1 |
| 77 | Ultra-broadband spatiotemporal sweeping device for high-speed optical imaging. Optics Letters, 2018, 43, 3546. | 3.3 | 1 |
| 78 | An Ultrafast Wideband Discretely Swept Fiber Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-5. | 2.9 | 3 |
| 79 | Ultrafast time-stretch microscopy based on dual-comb asynchronous optical sampling. Optics Letters, 2018, 43, 2118. | 3.3 | 30 |
| 80 | Parametric spectrotemporal analyzer based on four-wave mixing Bragg scattering. Optics Letters, 2018, 43, 1922. | 3.3 | 7 |
| 81 | Ultrafast optical imaging at 20â€‰â€‰Î¼m through second-harmonic-generation-based time-stretch at 10â€‰â€‰Î¼m. Optics Letters, 2018, 43, 3822. | 3.3 | 11 |
| 82 | Mutually ignited soliton explosions in a fiber laser. Optics Letters, 2018, 43, 4132. | 3.3 | 54 |
| 83 | Monolithic Integration of GaN-on-Sapphire Light-Emitting Diodes, Photodetectors, and Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6. | 2.9 | 39 |
| 84 | 17â€‰â€‰Î¼m wavelength tunable gain-switched fiber laser and its application to spectroscopic photoacoustic imaging. Optics Letters, 2018, 43, 5849. | 3.3 | 43 |
| 85 | Ultrafast optical tomography using Raman-assisted temporal magnification. , 2018, , . | | 0 |
| 86 | Versatile laser and optical amplifier for ultrafast imaging. , 2018, , . | | 0 |
| 87 | Dual-comb spectrally encoded confocal microscopy. , 2018, , . | | 1 |
| 88 | Dual-comb optical coherence tomography. , 2018, , . | | 1 |
| 89 | Sensitivity-enhanced ultrafast optical tomography by parametric- and Raman-amplified temporal imaging. Optics Letters, 2018, 43, 5673. | 3.3 | 3 |
| 90 | Ultrafast laser-scanning time-stretch imaging at visible wavelengths. Light: Science and Applications, 2017, 6, e16196-e16196. | 16.6 | 125 |

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|---|---|---|---|
| 91 | Spectral-temporal dynamics of multipulse mode-locking. Applied Physics Letters, 2017, 110, . | 3.3 | 45 |
| 92 | Microfluidic Imaging Flow Cytometry by Asymmetric-detection Time-stretch Optical Microscopy (ATOM). Journal of Visualized Experiments, 2017, , . | 0.3 | 3 |
| 93 | A rigorous analysis of the intermodal delay in few-mode fibers. Indian Journal of Physics, 2017, 91, 1609-1614. | 1.8 | 1 |
| 94 | Fiber chirped pulse amplification of a short wavelength mode-locked thulium-doped fiber laser. APL Photonics, 2017, 2, . | 5.7 | 30 |
| 95 | Real-time dynamics and cross-correlation gating spectroscopy of free-carrier Drude slow-light solitons. Light: Science and Applications, 2017, 6, e17008-e17008. | 16.6 | 7 |
| 96 | Panoramic-reconstruction temporal imaging for seamless measurements of slowly-evolved femtosecond pulse dynamics. Nature Communications, 2017, 8, 61. | 12.8 | 48 |
| 97 | Comparing singleâ€incision versus standard laparoscopic gastrostomy in paediatric patients. Surgical Practice, 2017, 21, 23-27. | 0.2 | 2 |
| 98 | Temporal Stability and Spectral Accuracy Enhancement of the Spectro-Temporal Analyzer. IEEE Photonics Technology Letters, 2017, 29, 1971-1974. | 2.5 | 8 |
| 99 | Observation of dissipative Kerr soliton evolution with panoramic-reconstruction temporal imaging (PARTI). , 2017, , . | | 0 |
| 100 | Pulse-spacing manipulation in a passively mode-locked fiber laser. , 2017, , . | | 0 |
| 101 | Multi-MHz laser-scanning single-cell fluorescence microscopy by spatiotemporally encoded virtual source array. Biomedical Optics Express, 2017, 8, 4160. | 2.9 | 14 |
| 102 | Optical receiver sensitivity enhancement by single- and dual-band fiber optical parametric amplifier. Optics Express, 2017, 25, 27785. | 3.4 | 1 |
| 103 | Time-stretch microscopy on a DVD for high-throughput imaging cell-based assay. Biomedical Optics Express, 2017, 8, 640. | 2.9 | 9 |
| 104 | Compact fs ytterbium fiber laser at 1010 nm for biomedical applications. Biomedical Optics Express, 2017, 8, 4921. | 2.9 | 28 |
| 105 | Real-time observation of round-trip resolved spectral dynamics in a stabilized fs fiber laser. Optics Express, 2017, 25, 8751. | 3.4 | 14 |
| 106 | Pulse-spacing manipulation in a passively mode-locked multipulse fiber laser. Optics Express, 2017, 25, 13215. | 3.4 | 5 |
| 107 | kHz-order linewidth controllable 1550 nm single-frequency fiber laser for coherent optical communication. Optics Express, 2017, 25, 19752. | 3.4 | 31 |
| 108 | Unveiling multi-scale laser dynamics through time-stretch and time-lens spectroscopies. Optics Express, 2017, 25, 29098. | 3.4 | 49 |

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| 109 | Extended temporal cloak based on the inverse temporal Talbot effect. Optics Letters, 2017, 42, 767. | 3.3 | 14 |
| 110 | High-speed wavelength-swept source at 20â€‰Î¼m and its application in imaging through a scattering medium. Optics Letters, 2017, 42, 1540. | 3.3 | 25 |
| 111 | High-throughput single-cell second harmonic generation imaging in ultrafast microfluidic flow. , 2017, , . | | 0 |
| 112 | Sensitivity enhancement in swept-source optical coherence tomography by parametric balanced detector and amplifier. Biomedical Optics Express, 2016, 7, 1294. | 2.9 | 7 |
| 113 | Ultrafast time-stretch imaging at 932 nm through a new highly-dispersive fiber. Biomedical Optics Express, 2016, 7, 5208. | 2.9 | 9 |
| 114 | Ultra-narrow linewidth full C-band tunable single-frequency linear-polarization fiber laser. Optics Express, 2016, 24, 26209. | 3.4 | 28 |
| 115 | Self-healing highly-chirped fiber laser at 10 Î¼m. Optics Express, 2016, 24, 27577. | 3.4 | 10 |
| 116 | High-throughput time-stretch imaging flow cytometry for multi-class classification of phytoplankton. Optics Express, 2016, 24, 28170. | 3.4 | 45 |
| 117 | High-power widely tunable all-fiber thulium-assisted optical parametric oscillator at SWIR band. Optics Letters, 2016, 41, 5258. | 3.3 | 11 |
| 118 | High-throughput time-stretch imaging cellular assay based on a high-speed spinning platform. , 2016, , . | | 0 |
| 119 | Compact and stable temporally magnified tomography using a phase-locked broadband source. Optics Letters, 2016, 41, 1562. | 3.3 | 10 |
| 120 | Optofluidic time-stretch imaging â€“ an emerging tool for high-throughput imaging flow cytometry. Lab on A Chip, 2016, 16, 1743-1756. | 6.0 | 83 |
| 121 | Real-time characterization of spectral coherence of ultrafast laser based on optical time-stretch. , 2016, , . | | 0 |
| 122 | Optical Time Stretch for High-Speed and High-Throughput Imagingâ€”From Single-Cell to Tissue-Wide Scales. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 89-103. | 2.9 | 14 |
| 123 | Ultrafast Spectroscopy Based on Temporal Focusing and Its Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 295-306. | 2.9 | 25 |
| 124 | Spectrally Encoded Confocal Microscopy at 1.9 <inline-formula> <tex-math notation="LaTeX">$mu ext{m}$ </tex-math></inline-formula>. IEEE Photonics Technology Letters, 2016, 28, 201-204. | 2.5 | 3 |
| 125 | Ultrafast Microfluidic Cellular Imaging by Optical Time-Stretch. Methods in Molecular Biology, 2016, 1389, 23-45. | 0.9 | 5 |
| 126 | Ultrafast measurements of optical spectral coherence by single-shot time-stretch interferometry. Scientific Reports, 2016, 6, 27937. | 3.3 | 20 |

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| 127 | Arbitrary two-dimensional spectrally encoded pattern generationâ€"a new strategy for high-speed patterned illumination imaging. Optica, 2015, 2, 1037. | 9.3 | 22 |
| 128 | Ultrafast spectral-domain optical coherence tomography realized by parametric spectro-temporal analyzer. , 2015, , . | | 2 |
| 129 | High-throughput intrinsic single-cell phenotyping by quantitative asymmetric-detection time-stretch optical microscopy (Q-ATOM). , 2015, , . | | 0 |
| 130 | 28 MHz swept source at 10 Î¼m for ultrafast quantitative phase imaging. Biomedical Optics Express, 2015, 6, 3855. | 2.9 | 24 |
| 131 | Tri-band spectroscopic optical coherence tomography based on optical parametric amplification for lipid and vessel visualization. Journal of Biomedical Optics, 2015, 20, 126006. | 2.6 | 3 |
| 132 | Optical time-stretch imaging flow cytometry of phytoplankton. , 2015, , . | | 1 |
| 133 | Chromaticâ€dispersionâ€free transmission using timeâ€reversal optical parametric amplifier. Electronics Letters, 2015, 51, 347-349. | 1.0 | 0 |
| 134 | Pulsing Manipulation in a 1.55-<inline-formula> <tex-math notation="LaTeX">$mu ext{m}$ </tex-math></inline-formula> Mode-Locked Fiber Laser by a 1-<inline-formula> <tex-math notation="LaTeX">$mu ext{m}$ </tex-math></inline-formula> Optical Pattern. IEEE Photonics Technology Letters, 2015, 27, 1949-1952. | 2.5 | 6 |
| 135 | 1000â€"1400-nm partially mode-locked pulse from a simple all-fiber cavity. Optics Letters, 2015, 40, 3005. | 3.3 | 7 |
| 136 | Modulation instability in a highly nonlinear fiber for discrete-time pulsed random bit generation. Optics Letters, 2015, 40, 2665. | 3.3 | 5 |
| 137 | 109â€‰â€‰MHz optical tomography using temporal magnification. Optics Letters, 2015, 40, 2965. | 3.3 | 15 |
| 138 | Observing the spectral dynamics of a mode-locked laser with ultrafast parametric spectro-temporal analyzer. , 2015, , . | | 5 |
| 139 | Overcoming the limitation of phase retrieval using Gerchbergâ€"Saxton-like algorithm in optical fiber time-stretch systems. Optics Letters, 2015, 40, 3595. | 3.3 | 29 |
| 140 | 110â€‰â€‰nm versatile fiber optical parametric amplifier at 10â€‰â€‰Î¼m. Optics Letters, 2015, 40, 4090. | 3.3 | 5 |
| 141 | Ultrafast and versatile spectroscopy by temporal Fourier transform. Scientific Reports, 2015, 4, 5351. | 3.3 | 21 |
| 142 | Single-Longitudinal-Mode Brillouin/Erbium Fiber Laser With High Linewidth-Reduction Ratio. IEEE Photonics Technology Letters, 2014, 26, 2387-2390. | 2.5 | 10 |
| 143 | Breathing laser as an inertia-free swept source for high-quality ultrafast optical bioimaging. Optics Letters, 2014, 39, 6593. | 3.3 | 58 |
| 144 | Spectrally-resolved statistical characterization of seeded supercontinuum suppression using optical time-stretch. Optics Express, 2014, 22, 11849. | 3.4 | 12 |

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| 145 | Enhanced depth resolution in optical scanning holography using a configurable pupil. Photonics Research, 2014, 2, 64. | 7.0 | 27 |
| 146 | Correlation between multiple modulation instability side lobes in dispersion oscillating fiber. Optics Letters, 2014, 39, 1881. | 3.3 | 21 |
| 147 | Time-stretch microscopy based on time-wavelength sequence reconstruction from wideband incoherent source. Applied Physics Letters, 2014, 105, . | 3.3 | 18 |
| 148 | Broadband fiber-optical parametric amplification for ultrafast time-stretch imaging at 10â€‰â€‰Î¼m. Optics Letters, 2014, 39, 5989. | 3.3 | 31 |
| 149 | Wavelength-encoded tomography based on optical temporal Fourier transform. Applied Physics Letters, 2014, 105, 091109. | 3.3 | 7 |
| 150 | Simultaneous dual-band optical coherence tomography for endoscopic applications. Journal of Biomedical Optics, 2014, 19, 126007. | 2.6 | 7 |
| 151 | Interferometric time-stretch microscopy for ultrafast quantitative cellular and tissue imaging at 1ÂÎ¼m. Journal of Biomedical Optics, 2014, 19, 076001. | 2.6 | 65 |
| 152 | Enhanced supercontinuum generation in the normal dispersion pumping regime by seeded dispersive wave emission and stimulated Raman scattering. Optics Communications, 2014, 325, 28-34. | 2.1 | 7 |
| 153 | Effect of the CW-Seed's Linewidth on the Seeded Generation of Supercontinuum. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 605-611. | 2.9 | 7 |
| 154 | Coherent Laser Source for High Frame-Rate Optical Time-Stretch Microscopy at 1.0 Î¼m. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 384-389. | 2.9 | 14 |
| 155 | All-Optical Tunable Multitap Microwave Photonic Filter Enabled by Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2014, 26, 893-895. | 2.5 | 6 |
| 156 | Asymmetric-detection time-stretch optical microscopy (ATOM) for ultrafast high-contrast cellular imaging in flow. Scientific Reports, 2014, 4, 3656. | 3.3 | 83 |
| 157 | Fiber optical parametric oscillator based on highly nonlinear dispersion-shifted fiber. Frontiers of Optoelectronics, 2013, 6, 25-29. | 3.7 | 4 |
| 158 | Quad-Wavelength Fiber Optical Parametric Oscillator With Equally Distributed Dispersion. IEEE Photonics Technology Letters, 2013, 25, 940-943. | 2.5 | 0 |
| 159 | Shot-to-shot spectrally-resolved characterization of continuous-wave-triggered supercontinuum near 1µm. , 2013, , . | | 0 |
| 160 | Multiwavelength Single-Longitudinal-Mode Ytterbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 385-388. | 2.5 | 19 |
| 161 | Performance of parametric spectro-temporal analyzer (PASTA). Optics Express, 2013, 21, 32111. | 3.4 | 20 |
| 162 | Parametric spectro-temporal analyzer (PASTA) for real-time optical spectrum observation. Scientific Reports, 2013, 3, 2064. | 3.3 | 67 |

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| 163 | 40-GHz $S$-and $L$-Band Dual-Wavelength Pulse Source Using Fiber Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2013, 25, 1258-1261. | 2.5 | 0 |
| 164 | Multiwavelength Pulse Generation Using Fiber Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2013, 25, 33-35. | 2.5 | 7 |
| 165 | Speckle reduction of retinal optical coherence tomography based on contourlet shrinkage. Optics Letters, 2013, 38, 2900. | 3.3 | 45 |
| 166 | Comparison of state-of-art phase modulators and parametric mixers in time-lens applications under different repetition rates. Applied Optics, 2013, 52, 8817. | 1.8 | 16 |
| 167 | Effect of the CW-seed's linewidth on the seeded generation of supercontinuum. , 2013, , . | | 1 |
| 168 | Optical time-stretch confocal microscopy at 1â€‰â€‰Î¼m. Optics Letters, 2012, 37, 3330. | 3.3 | 126 |
| 169 | Exploiting few mode-fibers for optical time-stretch confocal microscopy in the short near-infrared window. Optics Express, 2012, 20, 24115. | 3.4 | 25 |
| 170 | Distributed parametric amplifier for RZ-DPSK signal transmission system. Optics Express, 2012, 20, 19271. | 3.4 | 2 |
| 171 | Demonstration of minute continuous-wave triggered supercontinuum generation at 1 Î¼m for high-speed biophotonic applications. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 172 | Dual-Band Time-Multiplexing Swept-Source Optical Coherence Tomography Based on Optical Parametric Amplification. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1287-1292. | 2.9 | 13 |
| 173 | Teaching introductory electrical engineering: Project-based learning experience. , 2012, , . | | 14 |
| 174 | Stabilized Wide-Band Wavelength Conversion Enabled by CW-Triggered Supercontinuum. IEEE Photonics Technology Letters, 2012, 24, 1886-1889. | 2.5 | 11 |
| 175 | Optical time-stretch microscopy using few-mode fibers. , 2012, , . | | 0 |
| 176 | Dispersive Fourier transform using few-mode fibers for real-time and high-speed spectroscopy. Proceedings of SPIE, 2012, , . | 0.8 | 1 |
| 177 | Wide-band error-free wavelength conversion based on continuous-wave-triggered supercontinuum. , 2012, , . | | 0 |
| 178 | Characteristics of supercontinuum generation under the influence of a weak continuous-wave trigger. , 2011, , . | | 0 |
| 179 | A Tunable $S$-Plus $L$-Band Continuous-Wave Single-Longitudinal-Mode Fiber-Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2011, 23, 1451-1453. | 2.5 | 5 |
| 180 | Frequency Swept Fiber Ring Laser Based on Optical Parametric Process With Single-Longitudinal-Mode Operation. IEEE Photonics Technology Letters, 2011, 23, 203-205. | 2.5 | 7 |

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| 181 | Photonic Ultrawideband Pulse Generation With HNL-DSF-Based Phase and Intensity Modulator. IEEE Photonics Technology Letters, 2011, 23, 396-398. | 2.5 | 7 |
| 182 | 160-Gb/s Polarization-Insensitive Demultiplexer Based on a Fiber-Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2011, 23, 402-404. | 2.5 | 1 |
| 183 | Investigating the influence of a weak continuous-wave-trigger on picosecond supercontinuum generation. Optics Express, 2011, 19, 13757. | 3.4 | 53 |
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