

# E A Kuzin

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

1,119  
citations

394421

19  
h-index

454955

30  
g-index

90  
all docs

90  
docs citations

90  
times ranked

524  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Real-time temporal-spectral analysis of complex dynamics involving multiple soliton states in a dual-wavelength passively mode-locked fiber ring laser. <i>Laser Physics</i> , 2019, 29, 115401.            | 1.2 | 5         |
| 2  | Polarization mapping of a dual-wavelength passively mode-locked fiber ring laser. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 045504.   | 2.2 | 7         |
| 3  | Characterization of supercontinuum process pumped by amplified dissipative solitons. <i>Physica Scripta</i> , 2019, 94, 105506.   | 2.5 | 3         |
| 4  | Single and dual-wavelength noise-like pulses with different shapes in a double-clad Er/Yb fiber laser. <i>Optics Express</i> , 2019, 27, 12349.   | 3.4 | 32        |
| 5  | Long cavity ring fiber mode-locked laser with decreased net value of nonlinear polarization rotation. <i>Optics Express</i> , 2019, 27, 14030.  | 3.4 | 13        |
| 6  | Simultaneous temporal and spectral analysis of noise-like pulses in a mode-locked figure-eight fiber laser. <i>Optics Express</i> , 2019, 27, 17521.  | 3.4 | 11        |
| 7  | Fiber laser with simultaneous multi-wavelength Er/Yb passively Q-switched and single-wavelength Tm gain-switched operations. <i>Photonics Research</i> , 2019, 7, 608.                                      | 7.0 | 12        |
| 8  | Study of the experimental conditions to obtain dual-wavelength emission in a mode-locked Er-doped fiber laser with strict polarization control. , 2019, , .   |     | 0         |
| 9  | Experimental Study of Initial Conditions for Dissipative Soliton Resonance in a Figure-Eight Er/Yb-Doped Fiber Laser. , 2019, , .   |     | 0         |
| 10 | Gain-driven spectral-temporal noise-like pulse dynamics in a passively mode-locked fiber laser. <i>Optics Express</i> , 2019, 27, 34742.  | 3.4 | 11        |
| 11 | Experimental investigation of polarization-imbalanced nonlinear loop mirror with double-sense twisted fiber as a filter to clean up solitons. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 015502. | 2.2 | 19        |
| 12 | Dual-wavelength quasi-mode-locked regimes of an Er-doped fiber ring laser. <i>OSA Continuum</i> , 2018, 1, 416.   | 1.8 | 10        |
| 13 | Numerical study of multiple noise-like pulsing in a dispersion-managed figure-eight fibre laser. <i>Laser Physics</i> , 2018, 28, 085108.   | 1.2 | 12        |
| 14 | Abrupt-tapered fiber filter arrangement for a switchable multi-wavelength and tunable Tm-doped fiber laser. <i>Optics Express</i> , 2018, 26, 14894.  | 3.4 | 28        |
| 15 | Study of dual-wavelength quasi-mode-locked regimes in a strict polarization-controlled Er-fiber ring laser.. , 2018, , .  |     | 0         |
| 16 | Dual noise-like pulse and soliton operation of a fiber ring cavity. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 035502.   | 2.2 | 16        |
| 17 | All-fiber multi-wavelength passive Q-switched Er/Yb fiber laser based on a Tm-doped fiber saturable absorber. <i>Laser Physics</i> , 2017, 27, 035103.  | 1.2 | 11        |
| 18 | Spectral Dynamics of Actively Q-Switched Erbium-Doped Fiber Lasers. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 683-686.   | 2.5 | 6         |

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|----|---|-----|-----------|
| 19 | Comparative study of supercontinuum generation using standard and high-nonlinearity fibres pumped by noise-like pulses. <i>Laser Physics</i> , 2017, 27, 065107.            | 1.2 | 13        |
| 20 | Tunable thulium-doped fiber laser based on an abrupt-tapered in-fiber interferometer. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 115704.                         | 2.2 | 7         |
| 21 | Soliton formation from a noise-like pulse during extreme events in a fibre ring laser. <i>Laser Physics Letters</i> , 2017, 14, 105101.                                     | 1.4 | 16        |
| 22 | Flat supercontinuum generation pumped by amplified noise-like pulses from a figure-eight erbium-doped fiber laser. <i>Laser Physics Letters</i> , 2017, 14, 105104.         | 1.4 | 31        |
| 23 | Elimination of continuous-wave component in a figure-eight fiber laser based on a polarization asymmetrical NOLM. <i>Laser Physics</i> , 2017, 27, 075105.                  | 1.2 | 4         |
| 24 | Simultaneous emission of noise-like pulse and solitons from a fiber laser. , 2017, , .  |     | 0         |
| 25 | Initial conditions for dissipative solitons in a strict polarization-controlled passively mode-locked Er-Fiber laser. <i>Optics Express</i> , 2017, 25, 25036.              | 3.4 | 25        |
| 26 | Nonlinear self-polarization of Raman amplified light in fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 1644.                       | 2.1 | 1         |
| 27 | Multi-pulse dynamics in a full polarization-controlled passively mode-locked Er-Fiber laser. , 2017, , .  |     | 0         |
| 28 | Self Polarization of Stokes Waves in Twisted Fibers. , 2017, , .  |     | 0         |
| 29 | Polarization evolution of vector wave amplitudes in twisted fibers pumped by single and paired pulses. <i>Optics Letters</i> , 2016, 41, 4927.                              | 3.3 | 12        |
| 30 | A temporal insight into the rich dynamics of a figure-eight fibre laser in the noise-like pulsing regime. <i>Laser Physics Letters</i> , 2016, 13, 105106.                  | 1.4 | 14        |
| 31 | Complex dynamics of a fiber laser in non-stationary pulsed operation. <i>Optics Express</i> , 2016, 24, 18917.  | 3.4 | 28        |
| 32 | Dissipative soliton resonance in a full polarization-maintaining fiber ring laser at different values of dispersion. <i>Optics Express</i> , 2016, 24, 9966.                | 3.4 | 35        |
| 33 | High energy noise-like pulsing in a double-clad Er/Yb figure-of-eight fiber laser. <i>Optics Express</i> , 2016, 24, 13778.   | 3.4 | 61        |
| 34 | Experimental investigation of pedestal suppression in a figure-eight fiber laser by including a polarization asymmetrical NOLM. <i>Proceedings of SPIE</i> , 2016, , .      | 0.8 | 0         |
| 35 | Experimental study of a linear cavity dual wavelength Er/Yb double clad fiber laser operating in self-Q-switch, self-pulsing and CW. <i>Proceedings of SPIE</i> , 2016, , . | 0.8 | 2         |
| 36 | Instantaneous frequency measurement of dissipative soliton resonant light pulses. <i>Optics Letters</i> , 2016, 41, 5704.   | 3.3 | 15        |

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|----|--|-----|-----------|
| 37 | Polarization Evolution of Vector Wave Pulses in Twisted Fibers Pumped by Single and Coupled Solitons. , 2016, , .                      |     | 0         |
| 38 | Symmetric nonlinear optical loop using the nonlinear polarization rotation. , 2015, , .  |     | 2         |
| 39 | Polarization-Sensitive NALM for Two-Level Amplitude Regeneration. IEEE Photonics Technology Letters, 2015, 27, 2272-2275.              | 2.5 | 1         |
| 40 | Generation and characterization of erbium-Raman noise-like pulses from a figure-eight fibre laser. Laser Physics, 2015, 25, 045106.    | 1.2 | 24        |
| 41 | Dynamics of noise-like pulsing at sub-ns scale in a passively mode-locked fiber laser. Optics Express, 2015, 23, 18840.                | 3.4 | 57        |
| 42 | Laser line wavelength sensor based in a dual-wavelength fiber laser with a Hi-Bi loop Sagnac interferometer. , 2014, , .               |     | 0         |
| 43 | Symmetric Nonlinear Optical Loop Mirror Used as Saturable Absorber in Mode-Locked Fiber Laser. , 2014, , .                             |     | 0         |
| 44 | High-order harmonic noise-like pulsing of a passively mode-locked double-clad Er/Yb fibre ring laser. Laser Physics, 2014, 24, 115103. | 1.2 | 19        |
| 45 | Two regimes of widely tuneable noise-like pulses from a figure-eight fibre laser. Laser Physics, 2014, 24, 105104.                     | 1.2 | 2         |
| 46 | Multiple noise-like pulsing of a figure-eight fibre laser. Laser Physics, 2014, 24, 015103.  | 1.2 | 18        |
| 47 | Polarization properties of solitons generated in process of pulse breaking-up in a fiber with circular birefringence. , 2014, , .      |     | 1         |
| 48 | Ring cavity fiber laser tunable by Sagnac interferometer operation. , 2014, , .  |     | 0         |
| 49 | Multiple continuous-wave and pulsed modes of a figure-of-eight fibre laser. Laser Physics, 2013, 23, 035103.                           | 1.2 | 12        |
| 50 | A dual-wavelength tunable laser with superimposed fiber Bragg gratings. Laser Physics, 2013, 23, 055104.                               | 1.2 | 18        |
| 51 | Dual-wavelength fiber laser based on fine adjustment of cavity loss by a fiber optical loop mirror. Proceedings of SPIE, 2013, , .     | 0.8 | 0         |
| 52 | Raman-induced polarization stabilization of vector solitons in circularly birefringent fibers. Optics Express, 2012, 20, 24288.        | 3.4 | 14        |
| 53 | Dual-wavelength operation of continuous-wave and mode-locked erbium-doped fiber lasers. Proceedings of SPIE, 2012, , .                 | 0.8 | 0         |
| 54 | Dual-wavelength operation of a figure-eight fiber laser. Laser Physics, 2012, 22, 1565-1572.   | 1.2 | 5         |

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|----|--|-----|-----------|
| 55 | Theoretical and experimental analysis of tunable Sagnac high-birefringence loop filter for dual-wavelength laser application. Applied Optics, 2011, 50, 253.                                     | 2.1 | 38        |
| 56 | Generation of long broadband pulses with a figure-eight fiber laser. Laser Physics, 2011, 21, 1518-1524.   | 1.2 | 16        |
| 57 | Tunable dual-wavelength fiber laser based on a polarization-maintaining fiber Bragg grating and a Hi-Bi fiber optical loop mirror. Laser Physics, 2011, 21, 1932-1935.                           | 1.2 | 10        |
| 58 | Wavelength tunable high power laser using a double-clad Er:Yb doped fiber. Laser Physics, 2011, 21, 1936-1940.   | 1.2 | 1         |
| 59 | Study of a figure-eight laser generating noise-like pulses with adjustable characteristics. , 2011, , .  |     | 0         |
| 60 | A simple tunable and switchable dual-wavelength fiber laser at room temperature. Proceedings of SPIE, 2011, , .  | 0.8 | 1         |
| 61 | Novel figure-eight fiber laser scheme including a power-symmetric nonlinear optical loop mirror with adjustable switching power. , 2010, , .   |     | 0         |
| 62 | The on-off contrast in an all optical switch based on stimulated Raman scattering in optical fibers. Proceedings of SPIE, 2010, , .  | 0.8 | 0         |
| 63 | Switchable and tuneable multi-wavelength Er-doped fibre ring laser using Sagnac filters. Laser Physics, 2010, 20, 720-725.   | 1.2 | 17        |
| 64 | Generation of high-energy pulses from an all-normal-dispersion figure-8 fiber laser. Laser Physics, 2010, 20, 709-715.   | 1.2 | 13        |
| 65 | Fine adjustment of cavity loss by Sagnac loop for a dual wavelength generation. Laser Physics, 2010, 20, 1270-1273.  | 1.2 | 31        |
| 66 | Experimental investigation of the extraction of solitons at the initial stage of the soliton formation process. Optics Express, 2010, 18, 2090.  | 3.4 | 3         |
| 67 | Pulses with adjustable characteristics from a figure-eight fiber laser. Proceedings of SPIE, 2010, , .   | 0.8 | 0         |
| 68 | Extraction of a single soliton from a set of solitons by the use of a nonlinear optical loop mirror. , 2009, , .   |     | 0         |
| 69 | All-fiber passive mode-locked laser to generate ps pulses based in a symmetrical NOLM. Laser Physics, 2009, 19, 368-370.   | 1.2 | 10        |
| 70 | The use of NOLM for investigations of initial development of supercontinuum in fibers with anomalous dispersion. Laser Physics, 2009, 19, 876-880.   | 1.2 | 9         |
| 71 | Soliton extraction from a bunch of solitons resulting from pulse breakup by using a nonlinear optical loop mirror. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 1456. | 2.1 | 4         |
| 72 | Wavelength-Tunable Figure-Eight Erbium-Doped Fiber Laser with a Sagnac Fiber Filter. , 2009, , .   |     | 0         |

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|----|---|-----|-----------|
| 73 | Experimental investigation of a passively mode-locked fiber laser based on a symmetrical NOLM with a highly twisted low-birefringence fiber. Laser Physics, 2008, 18, 914-919.                          | 1.2 | 13        |
| 74 | Initial development of supercontinuum in fibers with anomalous dispersion pumped by nanosecond - long pulses. Optics Express, 2008, 16, 2636.   | 3.4 | 22        |
| 75 | High-quality amplitude jitter reduction and extinction enhancement using a power-symmetric NOLM and a polarizer. Optics Express, 2007, 15, 2564.  | 3.4 | 11        |
| 76 | Retrieving Optical Pulse Profiles Using a Nonlinear Optical Loop Mirror. IEEE Photonics Technology Letters, 2007, 19, 1347-1349.  | 2.5 | 5         |
| 77 | Erbium-doped fiber amplifier in a reflective configuration with equalization of 1549.1 NM wavelength using a fiber bragg grating. , 2006, , .   |     | 0         |
| 78 | Figure-Eight Fiber Laser with a Symmetrical NOLM and a Fiber Bragg Grating. , 2006, , .   |     | 0         |
| 79 | Fiber laser sensor using the intermodal beating frequency to interrogate fiber Bragg gratings. , 2005, , .  |     | 0         |
| 80 | Experimental investigation of the nonlinear optical loop mirror with twisted fiber and birefringence bias. Optics Express, 2005, 13, 10760.   | 3.4 | 54        |
| 81 | Polarization properties of the nonlinear optical loop mirror with highly twisted fiber and a $\hat{\lambda}/4$ plate birefringence bias. , 2005, , .  |     | 0         |
| 82 | Easily tunable nonlinear optical loop mirror based on polarization asymmetry. Optics Express, 2004, 12, 3878.   | 3.4 | 42        |
| 83 | Multipoint fiber Bragg grating laser sensor interrogated by the intermodal beating frequency. Optical Engineering, 2003, 42, 2246.  | 1.0 | 8         |
| 84 | A mode-locked fibre laser using a Sagnac interferometer and nonlinear polarization rotation. Journal of Optics, 2003, 5, S225-S230.   | 1.5 | 13        |
| 85 | Effective Stokes generation using a modified figure-8 laser. , 2003, , .  |     | 0         |
| 86 | Measurements of beat length in short low-birefringence fibers. Optics Letters, 2001, 26, 1134.  | 3.3 | 41        |
| 87 | Fiber laser mode locked by a Sagnac interferometer with nonlinear polarization rotation. Optics Letters, 2001, 26, 1559.  | 3.3 | 51        |
| 88 | Vector soliton fiber lasers. Optics Letters, 1999, 24, 376.   | 3.3 | 53        |
| 89 | Wavelength-tunable picosecond pulses from a passively mode-locked figure-eight Erbium-doped fiber laser with a Sagnac fiber filter. Journal of the European Optical Society-Rapid Publications, 0, 3, . | 1.9 | 20        |
| 90 | Wavelength-dependent nonlinear optical loop mirror for simultaneous amplitude noise reduction at two wavelengths. Journal of the European Optical Society-Rapid Publications, 0, 8, .                   | 1.9 | 0         |