

Do-Kyeong Ko

List of Publications by Year in descending order

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218
papers

2,378
citations

279798

23
h-index

254184

43
g-index

218
all docs

218
docs citations

218
times ranked

2488
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and photostability of xanthene and pyromethene laser dyes in sol-gel phases. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 1473-1476.	2.8	308
2	Stable generation of GeV-class electron beams from self-guided laser-plasma channels. <i>Nature Photonics</i> , 2008, 2, 571-577.	31.4	291
3	Laser prepulse dependency of proton-energy distributions in ultraintense laser-foil interactions with an online time-of-flight technique. <i>Physics of Plasmas</i> , 2007, 14, 043104.	1.9	65
4	All-optical AND and NAND gates based on cascaded second-order nonlinear processes in a Ti-diffused periodically poled LiNbO ₃ waveguide. <i>Optics Express</i> , 2006, 14, 2776.	3.4	61
5	Bandwidth-tunable band-rejection filter based on helicoidal fiber grating pair of opposite helicities. <i>Optics Letters</i> , 2007, 32, 1214.	3.3	57
6	Photostability of lasers based on pyromethene 567 in liquid and solid-state host media. <i>Optics Communications</i> , 2002, 203, 327-334.	2.1	56
7	Second-harmonic generation in periodically poled lithium niobate waveguides fabricated by femtosecond laser pulses. <i>Applied Physics Letters</i> , 2006, 89, 171103.	3.3	51
8	All-optical wavelength conversion and tuning by the cascaded sum- and difference frequency generation (cSFG/DFG) in a temperature gradient controlled Ti:PPLN channel waveguide. <i>Optics Express</i> , 2005, 13, 2988.	3.4	49
9	Speckle noise reduction on a laser projection display via a broadband green light source. <i>Optics Express</i> , 2014, 22, 3547.	3.4	49
10	Channel-selective wavelength conversion and tuning in periodically poled Ti:LiNbO ₃ waveguides. <i>Optics Express</i> , 2004, 12, 2649.	3.4	39
11	The Effect of Fluorine Substitution on the Molecular Interactions and Performance in Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24011-24019.	8.0	39
12	Femtosecond laser ablation of polypropylene for breathable film. <i>Applied Surface Science</i> , 2008, 254, 4919-4924.	6.1	38
13	Broadening of the second-harmonic phase-matching bandwidth in a temperature-gradient-controlled periodically poled Ti:LiNbO ₃ channel waveguide. <i>Optics Express</i> , 2003, 11, 2813.	3.4	36
14	Q-switched operation of a 2.7 μ m cladding-pumped Er ³⁺ /Pr ³⁺ codoped ZBLAN fibre laser. <i>Optics Communications</i> , 2004, 236, 379-385.	2.1	34
15	Diagnostic of laser contrast using target reflectivity. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	33
16	Dependence of the electron beam parameters on the stability of laser propagation in a laser wakefield accelerator. <i>Applied Physics Letters</i> , 2007, 90, 151501.	3.3	32
17	Self-seeding in a dual-cavity-type pulsed Ti:sapphire laser oscillator. <i>Optics Letters</i> , 1995, 20, 710.	3.3	30
18	Highly photostable laser solution and solid-state media based on mixed pyromethene and coumarin. <i>Optics and Laser Technology</i> , 2002, 34, 445-448.	4.6	30

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19	GaAs quantum dots with a high density on a GaAs (111)A substrate. Applied Physics Letters, 2006, 88, 241911.	3.3	30
20	Label-free imaging and quantitative chemical analysis of Alzheimer's disease brain samples with multimodal multiphoton nonlinear optical microspectroscopy. Journal of Biomedical Optics, 2015, 20, 056013.	2.6	28
21	All-optical THz wave switching based on CH ₃ NH ₃ PbI ₃ perovskites. Scientific Reports, 2016, 6, 37912.	3.3	27
22	Development of a two-color interferometer for observing wide range electron density profiles with a femtosecond time resolution. Applied Physics B: Lasers and Optics, 2006, 84, 415-419.	2.2	25
23	High strength coupling and low polarization-dependent long-period fiber gratings based on the helicoidal structure. Optical Fiber Technology, 2008, 14, 323-327.	2.7	25
24	Efficient electrochemical etching method to fabricate sharp metallic tips for scanning probe microscopes. Review of Scientific Instruments, 2006, 77, 103706.	1.3	24
25	Output dynamics and stabilisation of a multi-mode double-clad Yb-doped silica fibre laser. Optics Communications, 2006, 259, 236-241.	2.1	23
26	Precise and long-term stabilization of the carrier-envelope phase of femtosecond laser pulses using an enhanced direct locking technique. Optics Express, 2007, 15, 8203.	3.4	22
27	Dynamic effects of a pre-ablation spark in the orthogonal dual-pulse laser induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 427-435.	2.9	22
28	Broadband amplified spontaneous emission double-clad fibre source with central wavelengths near 2.14 μ m. Journal of Modern Optics, 2006, 53, 991-1001.	1.3	21
29	Simultaneous Proton and X-ray Imaging with Femtosecond Intense Laser Driven Plasma Source. Japanese Journal of Applied Physics, 2007, 46, 5853.	1.5	21
30	Photonic band gaps of two-dimensional ZnO nanorod photonic crystals. Journal Physics D: Applied Physics, 2005, 38, 3850-3853.	2.8	20
31	Tunable Q-switched erbium-doped fiber laser based on digital micro-mirror array. Optics Express, 2006, 14, 5356.	3.4	20
32	Wavefront Correction and Customization of Focal Spot of 100 TW Ti:Sapphire Laser System. Japanese Journal of Applied Physics, 2007, 46, 7724-7730.	1.5	20
33	Electromagnetically induced transparency on GaAs quantum well to observe hole spin dephasing. Optics Express, 2008, 16, 15728.	3.4	20
34	Reshaping of a second-harmonic curve in periodically poled Ti:LiNbO ₃ channel waveguide by a local-temperature-control technique. Applied Physics Letters, 2005, 86, 011104.	3.3	19
35	Bending and Strain Sensitivities in a Helicoidal Long-Period Fiber Gratings. IEEE Photonics Technology Letters, 2009, 21, 1232-1234.	2.5	19
36	100-kHz high-power femtosecond Ti:sapphire laser based on downchirped regenerative amplification. Optics Express, 2006, 14, 970.	3.4	18

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37	Laser Ablation of Polypropylene Films using Nanosecond, Picosecond, and Femtosecond Laser. Journal of the Optical Society of Korea, 2008, 12, 38-41.	0.6	18
38	Backward Terahertz Generation in Periodically Poled Lithium Niobate Crystal via Difference Frequency Generation. Japanese Journal of Applied Physics, 2007, 46, 1501-1504.	1.5	17
39	Method of reconstructing wavefront aberrations by use of Zernike polynomials in radial shearing interferometers. Optics Letters, 2007, 32, 232.	3.3	17
40	Deep-learning-based high-resolution recognition of fractional-spatial-mode-encoded data for free-space optical communications. Scientific Reports, 2021, 11, 2678.	3.3	17
41	Wavelength selective single and dual-channel dropping in a periodically poled Ti:LiNbO ₃ waveguide. Optics Express, 2004, 12, 701.	3.4	16
42	Continuous tuning of a narrow-band terahertz wave in periodically poled stoichiometric LiTaO ₃ crystal with a fan-out grating structure. Applied Physics Express, 2014, 7, 012101.	2.4	16
43	Microstructured Fiber End Surface Grating for Coarse WDM Signal Monitoring. IEEE Photonics Technology Letters, 2007, 19, 550-552.	2.5	15
44	Temperature dependent narrow-band terahertz pulse generation in periodically poled crystals via difference frequency generation. Optics Communications, 2011, 284, 1395-1400.	2.1	15
45	High-resolution refractometry using phase shifting interferometry based on spatial light modulator and vortex probe. Optics and Laser Technology, 2019, 112, 479-484.	4.6	14
46	New Method to Measure the Rise Time of a Fast Pulse Slicer for Laser Ion Acceleration Research. IEEE Transactions on Plasma Science, 2008, 36, 1872-1877.	1.3	13
47	Rapid diagnosis of liver fibrosis using multimodal multiphoton nonlinear optical microspectroscopy imaging. Journal of Biomedical Optics, 2013, 18, 076009.	2.6	13
48	Authentication of adulterated edible oil using coherent anti-Stokes Raman scattering spectroscopy. Journal of Raman Spectroscopy, 2017, 48, 1330-1336.	2.5	13
49	Generalized ray-transfer matrix for an optical element having an arbitrary wavefront aberration. Optics Letters, 2005, 30, 3009.	3.3	12
50	Waveguide-Type Wavelength-Tunable Åolc Filter in a Periodically Poled Ti:LiNbO ₃ Waveguide. IEEE Photonics Technology Letters, 2007, 19, 1505-1507.	2.5	12
51	Characteristics of a multi-mode interference device based on Ti:LiNbO ₃ channel waveguide. Optics Express, 2009, 17, 10718.	3.4	12
52	A linearly-polarized Nd:YVO ₄ /KTP microchip green laser. Optics Express, 2009, 17, 19611.	3.4	12
53	Determination of degree of unsaturation in edible oils using coherent anti-Stokes Raman scattering spectroscopy. Journal of Raman Spectroscopy, 2014, 45, 591-595.	2.5	12
54	Deformation of the Focal Spot of an Ultrashort High-Power Laser Pulse due to Chromatic Aberration by a Beam Expander. Journal of the Korean Physical Society, 2008, 52, 1767-1773.	0.7	12

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55	Dependence of the stability and the beam quality on the distance between two rods in a double laser-head resonator. <i>Optics Communications</i> , 2002, 201, 381-389.	2.1	10
56	Wavelength filtering characteristics of Åolc filter based on Ti:PPLN channel waveguide. <i>Optics Letters</i> , 2007, 32, 2813.	3.3	10
57	Efficient Single-Pass Optical Parametric Generation and Amplification using a Periodically Poled Stoichiometric Lithium Tantalate. <i>Journal of the Optical Society of Korea</i> , 2007, 11, 192-195.	0.6	10
58	Wavelength tunable optical time-domain reflectometry based on wavelength swept fiber laser employing two-dimensional digital micro-mirror array. <i>Optics Communications</i> , 2009, 282, 1191-1195.	2.1	10
59	Design of a Femtosecond Ti:sapphire Laser for Generation and Temporal Optimization of 0.5-PW Laser Pulses at a 0.1-Hz Repetition Rate. <i>Journal of the Optical Society of Korea</i> , 2009, 13, 53-59.	0.6	10
60	Femtosecond phase control of spatial localization of the optical near-field in a metal nanoslit array. <i>Optics Express</i> , 2008, 16, 12075.	3.4	9
61	Extraction of optical constants using multiple reflections in the terahertz emitter-sample hybrid structure. <i>Optics Letters</i> , 2014, 39, 5531.	3.3	9
62	Temperature-dependent Sellmeier equation at terahertz frequency range for 1 mol % MgO-doped stoichiometric lithium tantalate. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 040303.	1.5	9
63	Pulsed single mode laser oscillation in a new coupled cavity design. <i>Optics Communications</i> , 1998, 146, 173-176.	2.1	8
64	The influence of laser gain on stimulated Brillouin scattering in an active medium. <i>Optics Communications</i> , 1999, 167, 165-170.	2.1	8
65	Coherent Absorption Spectroscopy with Supercontinuum for Semiconductor Quantum Well Structure. <i>Journal of the Optical Society of Korea</i> , 2007, 11, 138-141.	0.6	8
66	Protons and electrons generated from a 5- μ m thick copper tape target irradiated by s-, circularly-, and p-polarized 55-fs laser pulses. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 369, 483-487.	2.1	8
67	Bandwidth control of a Ti:PPLN Åolc filter by a temperature-gradient-control technique. <i>Optics Express</i> , 2008, 16, 13699.	3.4	8
68	Temperature-controlled efficient microchip green laser for mobile projection displays. <i>Electronics Letters</i> , 2009, 45, 943.	1.0	8
69	Fabrication of coupled GaAs quantum dots and their optical properties. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 802-805.	0.8	8
70	Sidewise Domain Wall Velocity of MgO Doped Stoichiometric Lithium Niobate by Real-Time Visualization. <i>Ferroelectrics</i> , 2012, 439, 13-19.	0.6	8
71	Domain wall kinetics of lithium niobate single crystals near the hexagonal corner. <i>Applied Physics Letters</i> , 2015, 106, 102905.	3.3	8
72	Dual-wavelength operation of a self-seeded dye laser oscillator. <i>Applied Optics</i> , 1996, 35, 1995.	2.1	7

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73	All-Fiber Bandpass Filter Based on Helicoidal Long-Period Grating Pair and Null Core Hollow Optical Fiber With Flexible Transmission Control. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 153-155.	2.5	7
74	Temperature-Insensitive Dual-Comb Filter Based on Multimode Interference $\text{Ti}:\text{LiNbO}_3$ Waveguide. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 507-509.	2.5	7
75	Comparative Study of Breast Normal and Cancer Cells Using Coherent Anti-Stokes Raman Scattering Microspectroscopy Imaging. <i>Applied Physics Express</i> , 2012, 5, 082401.	2.4	7
76	Chirp-independent time-resolved spectroscopy using the self-reference method. <i>Laser Physics</i> , 2014, 24, 045701.	1.2	7
77	Signal enhancement of laser-induced breakdown spectroscopy by applying synchronized buffer gas pulses. <i>Applied Physics Express</i> , 2018, 11, 102401.	2.4	7
78	Threshold reduction of stimulated Brillouin scattering by the enhanced Stokes noise initiation. <i>Applied Physics Letters</i> , 1999, 74, 1358-1360.	3.3	6
79	Effects of process parameters on the electrochemical etching of sharp metallic tips with an attached mass. <i>Review of Scientific Instruments</i> , 2007, 78, 096105.	1.3	6
80	Dispersion and birefringence of irregularly microstructured fiber with an elliptic core. <i>Applied Optics</i> , 2007, 46, 8493.	2.1	6
81	Detection of Methane and Ethane by Continuous-Wave Cavity Ring-Down Spectroscopy Near $1.67 \mu\text{m}$. <i>Journal of the Optical Society of Korea</i> , 2008, 12, 1-6.	0.6	6
82	Reconstruction of Wavefront Aberration of 100-TW Ti:sapphire Laser Pulse Using Phase Retrieval Method. <i>Journal of the Optical Society of Korea</i> , 2008, 12, 186-191.	0.6	6
83	Mode tailoring in a ridge-type periodically poled lithium niobate waveguide. <i>Optics Express</i> , 2010, 18, 7678.	3.4	6
84	Poling Quality Enhancement of PPLN Devices Using Negative Multiple Pulse Poling Method. <i>Journal of the Optical Society of Korea</i> , 2011, 15, 182-186.	0.6	6
85	Excitation-intensity-dependent charge carrier dynamics in $\text{thienylenevinylene-phthalimide}$ copolymer based thin polymer films. <i>Polymer</i> , 2015, 63, 208-213.	3.8	6
86	Effect of Fluorine Substitution on the Charge Carrier Dynamics of Benzothiadiazole-Based Solar Cell Materials. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1242-1248.	3.9	6
87	Fabrication and Characterization of a Broadband Long-Period Grating on a Hollow Optical Fiber with Femtosecond Laser Pulses. <i>Journal of the Korean Physical Society</i> , 2008, 53, 3814-3817.	0.7	6
88	Target Diagnostic Systems for Proton, Electron, and X-ray Generation Experiments Based on Ultraintense Laser-Target Interactions. <i>Journal of the Korean Physical Society</i> , 2009, 55, 517-527.	0.7	6
89	Comparison between Proton Radiography Images Using a High-power Femtosecond Laser and a Tandem Van de Graff Accelerator. <i>Journal of the Korean Physical Society</i> , 2011, 59, 721-725.	0.7	6
90	Adaptive demodulation by deep-learning-based identification of fractional orbital angular momentum modes with structural distortion due to atmospheric turbulence. <i>Scientific Reports</i> , 2021, 11, 23505.	3.3	6

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91	Nanosecond Q-switched operation of coupled Yb and Tm fibre lasers. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 1365-1370.	2.8	5
92	Supercontinuum generation in irregularly microstructured elliptic core fibers. <i>Physical Review A</i> , 2008, 77, .	2.5	5
93	Compensation of Incomplete Round Trip in an Herriott Multipass-Based Kerr-Lens Mode-Locked Ti:Sapphire Oscillator via an Output Coupler Position. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 032705.	1.5	5
94	Dynamics of sub-microjoule femtosecond pulse formation in a negative dispersion regime. <i>Journal of the Korean Physical Society</i> , 2012, 61, 730-734.	0.7	5
95	All-optical image switching in a double- λ system. <i>Optics Express</i> , 2013, 21, 14215.	3.4	5
96	Fabrication-Method-Dependent Excited State Dynamics in CH ₃ NH ₃ PbI ₃ Perovskite Films. <i>Scientific Reports</i> , 2017, 7, 16516.	3.3	5
97	Measurement of the Electron Density Produced by the Prepulse in an Experiment of High Energy Proton Beam Generation. <i>Journal of the Korean Physical Society</i> , 2007, 50, 34-39.	0.7	5
98	Self-Collimated Beams in Two-Dimensional Photonic Crystals: Properties and Applications. <i>Journal of the Korean Physical Society</i> , 2007, 51, 1479.	0.7	5
99	High-efficiency and low-threshold operation of the pump reflection configuration in the noncollinear phase matching optical parametric oscillator. <i>Optics Communications</i> , 1997, 144, 241-244.	2.1	4
100	Method of reconstructing wavefront aberrations from the intensity measurement. <i>Optics Letters</i> , 2007, 32, 3507.	3.3	4
101	Temperature Dependent Terahertz Generation at Periodically Poled Stoichiometric Lithium Tantalate Crystal Using Femtosecond Laser Pulses. <i>Journal of the Optical Society of Korea</i> , 2008, 12, 200-204.	0.6	4
102	A Compact Diode-Pumped Microchip Green Light Source with a Built-in Thermoelectric Element. <i>Applied Physics Express</i> , 2008, 1, 062005.	2.4	4
103	High-Speed Imaging of Broadband Multiplex Coherent Anti-Stokes Raman Scattering Microscopy Using a Supercontinuum Source. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 022401.	1.5	4
104	Morphology evolution of self-organized porous structures in silicon surface. <i>Results in Physics</i> , 2019, 12, 46-51.	4.1	4
105	Ultrafast photo-induced carrier dynamics of FAPbI ₃ -MAPbBr ₃ perovskite films fabricated with additives and a hole transport material. <i>Chemical Physics Letters</i> , 2021, 784, 139100.	2.6	4
106	Single Longitudinal Mode Operation of a Solid-State Dye Laser Oscillator. <i>Journal of the Korean Physical Society</i> , 2000, 37, 783-787.	0.7	4
107	Terahertz Generation in Quasi-Phase-Matching Structures Using Femtosecond Laser Pulses. <i>Journal of the Korean Physical Society</i> , 2007, 51, 493-497.	0.7	4
108	Herriott Multipass-type Kerr-lens Mode-locked Femtosecond Laser Oscillator. <i>Journal of the Korean Physical Society</i> , 2011, 59, 2241-2245.	0.7	4

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109	Tunable stimulated-Brillouin-scattering resonator started by feedback provided by Bragg scattering from the dynamic grating within an active medium. <i>Optics Letters</i> , 2000, 25, 399.	3.3	3
110	FABRICATION OF CARBON NANOSTRUCTURES BY LASER ASSISTED CHEMICAL REACTION. <i>Nano</i> , 2006, 01, 73-76.	1.0	3
111	Optical properties of Mg _x Zn _{1-x} O nanowire photonic crystals. <i>Solid State Communications</i> , 2007, 142, 195-199.	1.9	3
112	Wavelength-Tunable Broadband Frequency-Domain OCT Source Based on Spatially Filtered Sub-10-fs Pulsed Laser. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 994-996.	2.5	3
113	Science of Extreme Light Infrastructure. , 2010, , .		3
114	Femtosecond transient absorption dynamics in low bandgap polymer solar cell materials including poly(thienylenevinylene) derivative and benzothiadiazole moiety. <i>Chemical Physics</i> , 2015, 461, 29-33.	1.9	3
115	Anticorrelated light switching in an optical loop system. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 227.	2.1	3
116	Optical bleaching effect in a Bi ₁₃ microcluster colloid by saturated absorption spectroscopy. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1992, 9, 203.	2.1	2
117	Accurate frequency-tuning mechanism from a wedge prism in a single-mode tunable laser. <i>Applied Optics</i> , 1995, 34, 983.	2.1	2
118	Pulsed single-mode laser in four-arm grazing incidence cavity. <i>Journal of Modern Optics</i> , 1998, 45, 1249-1258.	1.3	2
119	Development of a 100-kHz femtosecond high-power laser using down-chirped regenerative amplification. <i>Laser Physics</i> , 2006, 16, 673-677.	1.2	2
120	Wavelength tunable broadband source based on Ti:Sapphire femtosecond laser applicable to FD-OCT system. , 2007, , .		2
121	Quasi-holographic solution to polarization-sensitive optical coherence tomography acceptable to nonlaboratory applications. <i>Journal of Biomedical Optics</i> , 2008, 13, 044014.	2.6	2
122	Radiography with Low Energy Protons Generated from Ultraintense Laser-plasma Interactions. <i>Journal of the Optical Society of Korea</i> , 2009, 13, 28-32.	0.6	2
123	Tailoring light structures using an off-axis double axicon holographic pattern. <i>Optics Communications</i> , 2010, 283, 4208-4213.	2.1	2
124	Characterization of in-situ terahertz detection by optical interaction in a periodically poled stoichiometric lithium tantalate nonlinear crystal. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2014, 35, 833-839.	2.2	2
125	Study of an optical device based on a quasi-phase-matching method for speckle noise reduction for laser display. <i>Journal of the Korean Physical Society</i> , 2016, 69, 756-761.	0.7	2
126	A Monochromatic Soft X-ray Generation from Femtosecond Laser-produced Plasma with Aluminum. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1834-1839.	0.7	2

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127	Effect of Ge Nanoparticles in the Core of Photonic Crystal Fiber on Supercontinuum Generation. Journal of Nanomaterials, 2019, 2019, 1-6.	2.7	2
128	Pulse Formation and Stability of a SESAM Mode-locked Laser Depending on the SESAM Position. Journal of the Korean Physical Society, 2020, 77, 1153-1158.	0.7	2
129	Amplitude-modulated log-polar coordinate mapping for generating top-hat line-shaped beams with steep edges and a high aspect ratio. Optics and Laser Technology, 2021, 134, 106587.	4.6	2
130	Operating characteristics of a SESAM-assisted mode-locked laser oscillator with the location of the SESAM position. Optics and Laser Technology, 2021, 133, 106560.	4.6	2
131	Femtosecond laser-induced X-ray fluorescence measurement of metal-protein compounds. Radiation Physics and Chemistry, 2021, 181, 109334.	2.8	2
132	Beam combined IFE driver using phase controlled stimulated Brillouin scattering phase conjugation mirrors. European Physical Journal Special Topics, 2006, 133, 621-625.	0.2	2
133	Analysis of a Laser Resonator from the Measurement of Thermal Aberrations in a Laser-Diode Side-Pumped Nd:YAG Laser with a Wavefront Sensor. Journal of the Korean Physical Society, 2007, 51, 78.	0.7	2
134	Downchirped Regenerative Amplification of Femtosecond Laser Pulses at 100 kHz Repetition Rate. Springer Series in Optical Sciences, 2007, , 493-501.	0.7	2
135	Classification of CARS spectral phase retrieval combined with principal component analysis. Vibrational Spectroscopy, 2021, 117, 103314.	2.2	2
136	Depth-resolved simplified characterization of collagen depletion in dermis with polarization sensitive optical coherence tomography applicable to non-laboratory conditions. , 2007, , .		1
137	Optical damage evaluation of a CPA Ti:sapphire laser for the safe design of a PW system. , 2007, , .		1
138	Fabrication of helicoidal long-period fiber gratings by twisting a standard single mode fiber. , 2007, , .		1
139	Multi-wavelength source for the lower exposure intensity of spectral OCT. Proceedings of SPIE, 2008, , .	0.8	1
140	Laser Acceleration of Electron Beams to the GeV-class Energies in Gas Jets. Journal of the Optical Society of Korea, 2009, 13, 8-14.	0.6	1
141	Fine tuning terahertz generation in fanned-out periodically poled stoichiometric lithium tantalate crystal. , 2010, , .		1
142	Optical constants measurement of nonlinear crystals for terahertz generation. , 2015, , .		1
143	Characterization of terahertz generation based on the different structures of lithium tantalate crystals. , 2015, , .		1
144	The Influence of High Order Dispersions in a Downchirped Pulse Amplification Femtosecond Laser System and Optimization of Pulse Width. Journal of the Korean Physical Society, 2009, 55, 1430-1434.	0.7	1

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145	Enhancement of the Optical Image with a DC Blocked Spiral Holographic Pattern. Journal of the Korean Physical Society, 2011, 58, 387-391.	0.7	1
146	High-efficiency parametric oscillation in Beta-barium borate with pump reflection. , 1998, , .		0
147	Lasing threshold reduction and the enhancement of mode selection in a novel Littrow-type coupled cavity. , 1998, , .		0
148	A numerical study incorporating walkoff, depletion and diffraction for a nanosecond optical parametric oscillator. , 0, , .		0
149	Stimulated Brillouin scattering in an excited laser gain medium. , 0, , .		0
150	Control of second harmonic curve in a temperature-controlled periodically poled Ti:LiNbO ₃ channel waveguide. , 2005, , .		0
151	Development of an autocorrelator based on the organic polymer thin film. , 2005, , .		0
152	Terahertz Generation and Domain Mapping in Periodically Poled Crystal. , 2006, , .		0
153	Forbidden resonant transmission through a metallic Fabry-Perot cavity with the left handed material. , 2006, , .		0
154	THz surface polariton plasmons of left handed materials. , 2006, , .		0
155	50-kHz, sub-mJ, multi-GW femtosecond laser system based on downchirped pulse amplification. , 2006, , .		0
156	Generation of 1.2 X Diffraction-Limited Focal Spot from the 100 TW Ti:sapphire Laser System by use of an adaptive optics system. , 2007, , .		0
157	Micro-structured fiber end surface grating for monitoring wavelength of coarse WDM signals. , 2007, , .		0
158	Observation of a Narrow Spectral Bandwidth in Proton Beam with High Energy Conversion Efficiency Driven by an Ultrashort High-Intensity Ti:Sapphire Laser. , 2007, , .		0
159	Characterization of fluorine-doped thin-multiwalled carbon nanotubes by terahertz spectroscopy. , 2007, , .		0
160	Ultra-high Birefringent Elliptic Core Hollow Fibers. , 2007, , .		0
161	Development of a 300-TW Ti:sapphire laser system and X-ray laser research in APRI. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
162	Tunable Narrow-band Terahertz Generation based on Quasi Phase Matching Structures by Femtosecond Pulses. , 2007, , .		0

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163	Efficient single-pass optical parametric generator for environmental gas sensing based on periodically poled stoichiometric lithium tantalate. , 2007, , .		0
164	Femtosecond laser pulse switching for rapid patterning. , 2007, , .		0
165	Optical Characterisation of CdSe Nanocrystal Quantum Dots Grown from New Single Source Precursors. , 2007, , .		0
166	Accurate Contrast-ratio Characterization of Femtosecond and Chirped Picosecond Pulses Using the Decorrelation of Third-order Correlation Trace. , 2007, , .		0
167	<title>Polarization sensitive optical coherence tomography for application conditions with external perturbations</title>. , 2007, , .		0
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