

Do-Kyeong Ko

List of Publications by Year in descending order

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218
docs citations

218
times ranked

2488
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochemical pathways of 8-oxo-2 ϵ -deoxyguanosine under photodegradation. AIP Advances, 2022, 12, 025109.	1.3	0
2	Transient absorption spectroscopy of a twisted intramolecular charge transfer (TICT) state in a DCM molecule analyzed by isosbestic points. Journal of the Korean Physical Society, 2022, 80, 585-591.	0.7	0
3	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
4	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
5	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
6	Femtosecond laser-induced X-ray fluorescence measurement of metal-protein compounds. Radiation Physics and Chemistry, 2021, 181, 109334.	2.8	2
7	Ultrafast photo-induced carrier dynamics of FAPbI ₃ -MAPbBr ₃ perovskite films fabricated with additives and a hole transport material. Chemical Physics Letters, 2021, 784, 139100.	2.6	4
8	Classification of CARS spectral phase retrieval combined with principal component analysis. Vibrational Spectroscopy, 2021, 117, 103314.	2.2	2
9	Adaptive demodulation by deep-learning-based identification of fractional orbital angular momentum modes with structural distortion due to atmospheric turbulence. Scientific Reports, 2021, 11, 23505.	3.3	6
10	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
11	Morphology evolution of self-organized porous structures in silicon surface. Results in Physics, 2019, 12, 46-51.	4.1	4
12	Effect of Ge Nanoparticles in the Core of Photonic Crystal Fiber on Supercontinuum Generation. Journal of Nanomaterials, 2019, 2019, 1-6.	2.7	2
13	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
14	Output characteristics of a mode-locked laser oscillator with a SESAM located inside the cavity. , 2019, , .		0
15	A Monochromatic Soft X-ray Generation from Femtosecond Laser-produced Plasma with Aluminum. Journal of the Korean Physical Society, 2018, 73, 1834-1839.	0.7	2
16	Signal enhancement of laser-induced breakdown spectroscopy by applying synchronized buffer gas pulses. Applied Physics Express, 2018, 11, 102401.	2.4	7
17	The Effect of Fluorine Substitution on the Molecular Interactions and Performance in Polymer Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 24011-24019.	8.0	39
18	A novel photonic crystal fiber with a germanium nanoparticles-doped germano-silicate core and its nonlinear optical characteristics. Proceedings of SPIE, 2017, , .	0.8	0

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19	Authentication of adulterated edible oil using coherent anti-Stokes Raman scattering spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1330-1336.	2.5	13
20	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
21	Characterization of optically-controlled terahertz modulation based on a hybrid device of perovskite and silicon. , 2017, , .		0
22	Comparative study in terahertz modulation enhancement based on hybrid devices of perovskite and silicon. , 2017, , .		0
23	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
24	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
25	All-optical THz wave switching based on CH ₃ NH ₃ PbI ₃ perovskites. <i>Scientific Reports</i> , 2016, 6, 37912.	3.3	27
26	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
27	Effect of group delay dispersion on single-pulse stimulated Raman scattering. <i>Journal of the Korean Physical Society</i> , 2015, 66, 1827-1832.	0.7	0
28	Optical constants measurement of nonlinear crystals for terahertz generation. , 2015, , .		1
29	Broadband red green blue light source for speckle noise reduction. , 2015, , .		0
30	Analysis on morphological domain changes at the hexagonal corner of MgO:SLN crystals. , 2015, , .		0
31	Label-free imaging and quantitative chemical analysis of Alzheimer's disease brain samples with multimodal multiphoton nonlinear optical microspectroscopy. <i>Journal of Biomedical Optics</i> , 2015, 20, 056013.	2.6	28
32	Characterization of terahertz generation based on the different structures of lithium tantalate crystals. , 2015, , .		1
33	Excitation-intensity-dependent charge carrier dynamics in thienylenevinylene-phthalimide copolymer based thin polymer films. <i>Polymer</i> , 2015, 63, 208-213.	3.8	6
34	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
35	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
36	Domain wall kinetics of lithium niobate single crystals near the hexagonal corner. <i>Applied Physics Letters</i> , 2015, 106, 102905.	3.3	8

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37	Phase-dependent light switching in triple- λ system. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1267.	2.1	0
38	Chirp-independent time-resolved spectroscopy using the self-reference method. Laser Physics, 2014, 24, 045701.	1.2	7
39	Extraction of optical constants using multiple reflections in the terahertz emitter-sample hybrid structure. Optics Letters, 2014, 39, 5531.	3.3	9
40	Speckle noise reduction on a laser projection display via a broadband green light source. Optics Express, 2014, 22, 3547.	3.4	49
41	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
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	Characterization of in-situ terahertz detection by optical interaction in a periodically poled stoichiometric lithium tantalate nonlinear crystal. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 833-839.	2.2	2
44	Temperature-dependent refractive indices of a 1mol % MgO-doped Stoichiometric LiTaO ₃ crystal at the THz frequency range. , 2014, , .		0
45	Frequency and bandwidth tunable terahertz generation at a fan-shaped quasi-phase-matching device. , 2013, , .		0
46	Device Quality Evaluation of Periodically Poled Crystals by Diffraction Analysis at Different Wavelengths. Japanese Journal of Applied Physics, 2013, 52, 026701.	1.5	0
47	All-optical image switching in a double- λ system. Optics Express, 2013, 21, 14215.	3.4	5
48	Rapid diagnosis of liver fibrosis using multimodal multiphoton nonlinear optical microspectroscopy imaging. Journal of Biomedical Optics, 2013, 18, 076009.	2.6	13
49	Development of tunable terahertz source using poled nonlinear crystal. , 2013, , .		0
50	Ferroelectric domain morphology in MgO doped stoichiometric lithium niobate. , 2013, , .		0
51	Domain wall motion of MgO doped stoichiometric lithium niobate by real-time visualization. , 2013, , .		0
52	Diagnosis of hepatic fibrosis using a multiphoton nonlinear optical microspectroscopy imaging system. , 2013, , .		0
53	Comparative Study of Breast Normal and Cancer Cells Using Coherent Anti-Stokes Raman Scattering Microspectroscopy Imaging. Applied Physics Express, 2012, 5, 082401.	2.4	7
54	Development of THz bandwidth manipulation at a quasi-phase-matching device. , 2012, , .		0

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55	Generations and Applications of extreme light. , 2012, , .		0
56	Sidewise Domain Wall Velocity of MgO Doped Stoichiometric Lithium Niobate by Real-Time Visualization. Ferroelectrics, 2012, 439, 13-19.	0.6	8
57	Dynamics of sub-microjoule femtosecond pulse formation in a negative dispersion regime. Journal of the Korean Physical Society, 2012, 61, 730-734.	0.7	5
58	Timing-jitter reduced high-repetition-rate Q-switched Nd:YVO4/Cr4+:YAG micro laser with low pump power. Laser Physics, 2012, 22, 703-707.	1.2	0
59	Poling Quality Enhancement of PPLN Devices Using Negative Multiple Pulse Poling Method. Journal of the Optical Society of Korea, 2011, 15, 182-186.	0.6	6
60	Temperature dependent narrow-band terahertz pulse generation in periodically poled crystals via difference frequency generation. Optics Communications, 2011, 284, 1395-1400.	2.1	15
61	Compensation of Incomplete Round Trip in an Herriott Multipass-Based Kerr-Lens Mode-Locked Ti:Sapphire Oscillator via an Output Coupler Position. Japanese Journal of Applied Physics, 2011, 50, 032705.	1.5	5
62	High-Speed Imaging of Broadband Multiplex Coherent Anti-Stokes Raman Scattering Microscopy Using a Supercontinuum Source. Japanese Journal of Applied Physics, 2011, 50, 022401.	1.5	4
63	Composition and Characterization of Femtosecond Optical Lattices Using Double Axicon Holographic Pattern. Japanese Journal of Applied Physics, 2011, 50, 042701.	1.5	0
64	Simple Herriott-type high energy femtosecond laser with two notched mirrors. , 2011, , .		0
65	Simultaneous generation and detection of narrow-band terahertz waves with a quasi-phase matching crystal. , 2011, , .		0
66	On-axis spiral phase contrast microscopy with femtosecond light source. , 2011, , .		0
67	Dual-color nonlinear optical microscope imaging and its applications. , 2011, , .		0
68	Fabrication of uniform QPM device using negative multiple pulse poling method. , 2011, , .		0
69	Herriott Multipass-type Kerr-lens Mode-locked Femtosecond Laser Oscillator. Journal of the Korean Physical Society, 2011, 59, 2241-2245.	0.7	4
70	Comparison between Proton Radiography Images Using a High-power Femtosecond Laser and a Tandem Van de Graff Accelerator. Journal of the Korean Physical Society, 2011, 59, 721-725.	0.7	6
71	Continuous Tuning of Terahertz Generation in Fan-out Periodically Poled Stoichiometric Lithium Tantalate. , 2011, , .		0
72	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

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73	Compensation of Incomplete Round Trip in an Herriott Multipass-Based Kerr-Lens Mode-Locked Ti:Sapphire Oscillator via an Output Coupler Position. Japanese Journal of Applied Physics, 2011, 50, 032705.	1.5	0
74	Composition and Characterization of Femtosecond Optical Lattices Using Double Axicon Holographic Pattern. Japanese Journal of Applied Physics, 2011, 50, 042701.	1.5	0
75	Tailoring light structures using an off-axis double axicon holographic pattern. Optics Communications, 2010, 283, 4208-4213.	2.1	2
76	Fine tuning terahertz generation in fanned-out periodically poled stoichiometric lithium tantalate crystal. , 2010, , .		1
77	Science of Extreme Light Infrastructure. , 2010, , .		3
78	Mode tailoring in a ridge-type periodically poled lithium niobate waveguide. Optics Express, 2010, 18, 7678.	3.4	6
79	Dynamic control and Stabilization of Laguerre Gaussian beam by shifted zone plate method. Journal of the Korean Physical Society, 2010, 56, 42-46.	0.7	0
80	A study of proton radiography using protons from ultraintense laser and tandem accelerator. , 2009, , .		0
81	Diagnostic of laser contrast using target reflectivity. Applied Physics Letters, 2009, 94, .	3.3	33
82	Temperature-controlled efficient microchip green laser for mobile projection displays. Electronics Letters, 2009, 45, 943.	1.0	8
83	Fabrication of coupled GaAs quantum dots and their optical properties. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 802-805.	0.8	8
84	Wavelength tunable optical time-domain reflectometry based on wavelength swept fiber laser employing two-dimensional digital micro-mirror array. Optics Communications, 2009, 282, 1191-1195.	2.1	10
85	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
86	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
87	Radiography with Low Energy Protons Generated from Ultraintense Laser-plasma Interactions. Journal of the Optical Society of Korea, 2009, 13, 28-32.	0.6	2
88	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. Journal of the Optical Society of Korea, 2009, 13, 53-59.	0.6	10
89	Characteristics of a multi-mode interference device based on Ti:LiNbO ₃ channel waveguide. Optics Express, 2009, 17, 10718.	3.4	12
90	A linearly-polarized Nd:YVO ₄ /KTP microchip green laser. Optics Express, 2009, 17, 19611.	3.4	12

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91	Direct reconstruction of an object from dual exposure Fourier intensity measurements. Applied Optics, 2009, 48, 2890.	2.1	0
92	Temperature-Insensitive Dual-Comb Filter Based on Multimode Interference Ti:LiNbO_3 Waveguide. IEEE Photonics Technology Letters, 2009, 21, 507-509.	2.5	7
93	Bending and Strain Sensitivities in a Helicoidal Long-Period Fiber Gratings. IEEE Photonics Technology Letters, 2009, 21, 1232-1234.	2.5	19
94	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
95	Target Diagnostic Systems for Proton, Electron, and X-ray Generation Experiments Based on Ultraintense Laser-Target Interactions. Journal of the Korean Physical Society, 2009, 55, 517-527.	0.7	6
96	Propagation of a High-Harmonic Pulse Through a Population-Inverted Medium. Springer Proceedings in Physics, 2009, , 247-254.	0.2	0
97	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
98	Femtosecond laser ablation of polypropylene for breathable film. Applied Surface Science, 2008, 254, 4919-4924.	6.1	38
99	Stable generation of GeV-class electron beams from self-guided laser-plasma channels. Nature Photonics, 2008, 2, 571-577.	31.4	291
100	All-Fiber Bandpass Filter Based on Helicoidal Long-Period Grating Pair and Null Core Hollow Optical Fiber With Flexible Transmission Control. IEEE Photonics Technology Letters, 2008, 20, 153-155.	2.5	7
101	Wavelength-Tunable Broadband Frequency-Domain OCT Source Based on Spatially Filtered Sub-10-fs Pulsed Laser. IEEE Photonics Technology Letters, 2008, 20, 994-996.	2.5	3
102	Detection of Methane and Ethane by Continuous-Wave Cavity Ring-Down Spectroscopy Near $1.67 \mu\text{m}$. Journal of the Optical Society of Korea, 2008, 12, 1-6.	0.6	6
103	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
104	Reconstruction of Wavefront Aberration of 100-TW Ti:sapphire Laser Pulse Using Phase Retrieval Method. Journal of the Optical Society of Korea, 2008, 12, 186-191.	0.6	6
105	Temperature Dependent Terahertz Generation at Periodically Poled Stoichiometric Lithium Tantalate Crystal Using Femtosecond Laser Pulses. Journal of the Optical Society of Korea, 2008, 12, 200-204.	0.6	4
106	Femtosecond phase control of spatial localization of the optical near-field in a metal nanoslit array. Optics Express, 2008, 16, 12075.	3.4	9
107	Bandwidth control of a Ti:PPLN $\lambda/2$ filter by a temperature-gradient-control technique. Optics Express, 2008, 16, 13699.	3.4	8
108	Electromagnetically induced transparency on GaAs quantum well to observe hole spin dephasing. Optics Express, 2008, 16, 15728.	3.4	20

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109	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
110	A Compact Diode-Pumped Microchip Green Light Source with a Built-in Thermoelectric Element. Applied Physics Express, 2008, 1, 062005.	2.4	4
111	Multi-wavelength source for the lower exposure intensity of spectral OCT. Proceedings of SPIE, 2008, , .	0.8	1
112	Femtosecond laser driven high-flux highly collimated MeV-proton beam. AIP Conference Proceedings, 2008, , .	0.4	0
113	Quasi-holographic solution to polarization-sensitive optical coherence tomography acceptable to nonlaboratory applications. Journal of Biomedical Optics, 2008, 13, 044014.	2.6	2
114	Electromagnetically induced transparency on semiconductor quantum well structure. , 2008, , .		0
115	Supercontinuum generation in irregularly microstructured elliptic core fibers. Physical Review A, 2008, 77, .	2.5	5
116	Flexibly tunable multiwavelength erbium-doped fiber laser using dispersion-shifted fiber and digital micromirror device. , 2008, , .		0
117	All-fiber wavelength tunable and mode convertible bandpass filter for optical inter-connections. , 2008, , .		0
118	Narrowband wavelength selective detector applicable SD-OCT based on Fabry-Perot tunable filter and balanced photoreceiver. Proceedings of SPIE, 2008, , .	0.8	0
119	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
120	Fabrication and Characterization of a Broadband Long-Period Grating on a Hollow Optical Fiber with Femtosecond Laser Pulses. Journal of the Korean Physical Society, 2008, 53, 3814-3817.	0.7	6
121	Laser Driven Particle Accelerators and their Application to Science, Industry and Medicine. The Review of Laser Engineering, 2008, 36, 1123-1124.	0.0	0
122	Spatially Encoded Optical Coherence Tomography Based on a Tandem Interferometer. Journal of the Korean Physical Society, 2008, 52, 1774-1778.	0.7	0
123	Suppression of the Methyl Radical Loss from Acetone Cation within (CH ₃ COCH ₃) _n {CH ₃ COCH ₃ } _n +Clusters. Bulletin of the Korean Chemical Society, 2008, 29, 1519-1524.	1.9	0
124	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
125	Micro-structured fiber end surface grating for monitoring wavelength of coarse WDM signals. , 2007, , .		0
126	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

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127	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
128	Characterization of fluorine-doped thin-multiwalled carbon nanotubes by terahertz spectroscopy. , 2007, , .		0
129	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
130	Ultrahigh Birefringent Elliptic Core Holey Fibers. , 2007, , .		0
131	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
132	Tunable Narrow-band Terahertz Generation based on Quasi Phase Matching Structures by Femtosecond Pulses. , 2007, , .		0
133	Efficient single-pass optical parametric generator for environmental gas sensing based on periodically poled stoichiometric lithium tantalate. , 2007, , .		0
134	Femtosecond laser pulse switching for rapid patterning. , 2007, , .		0
135	Laser prepulse dependency of proton-energy distributions in ultraintense laser-foil interactions with an online time-of-flight technique. Physics of Plasmas, 2007, 14, 043104.	1.9	65
136	Dependence of the electron beam parameters on the stability of laser propagation in a laser wakefield accelerator. Applied Physics Letters, 2007, 90, 151501.	3.3	32
137	Effects of process parameters on the electrochemical etching of sharp metallic tips with an attached mass. Review of Scientific Instruments, 2007, 78, 096105.	1.3	6
138	Optical Characterisation of CdSe Nanocrystal Quantum Dots Grown from New Single Source Precursors. , 2007, , .		0
139	Simultaneous Proton and X-ray Imaging with Femtosecond Intense Laser Driven Plasma Source. Japanese Journal of Applied Physics, 2007, 46, 5853.	1.5	21
140	Accurate Contrast-ratio Characterization of Femtosecond and Chirped Picosecond Pulses Using the Decorrelation of Third-order Correlation Trace. , 2007, , .		0
141	Depth-resolved simplified characterization of collagen depletion in dermis with polarization sensitive optical coherence tomography applicable to non-laboratory conditions. , 2007, , .		1
142	<title>Polarization sensitive optical coherence tomography for application conditions with external perturbations</title>. , 2007, , .		0
143	Wavelength tunable broadband source based on Ti:Sapphire femtosecond laser applicable to FD-OCT system. , 2007, , .		2
144	Generation of 1.2 X diffraction-limited focal spot from the 100 TW Ti:sapphire laser system. , 2007, , .		0

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145	Method of reconstructing wavefront aberrations by use of Zernike polynomials in radial shearing interferometers. Optics Letters, 2007, 32, 232.	3.3	17
146	Bandwidth-tunable band-rejection filter based on helicoidal fiber grating pair of opposite helicities. Optics Letters, 2007, 32, 1214.	3.3	57
147	Wavelength filtering characteristics of Λ olc filter based on Ti:PPLN channel waveguide. Optics Letters, 2007, 32, 2813.	3.3	10
148	Method of reconstructing wavefront aberrations from the intensity measurement. Optics Letters, 2007, 32, 3507.	3.3	4
149	Coherent Absorption Spectroscopy with Supercontinuum for Semiconductor Quantum Well Structure. Journal of the Optical Society of Korea, 2007, 11, 138-141.	0.6	8
150	Efficient Single-Pass Optical Parametric Generation and Amplification using a Periodically Poled Stoichiometric Lithium Tantalate. Journal of the Optical Society of Korea, 2007, 11, 192-195.	0.6	10
151	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
152	Dispersion and birefringence of irregularly microstructured fiber with an elliptic core. Applied Optics, 2007, 46, 8493.	2.1	6
153	Optical damage evaluation of a CPA Ti:sapphire laser for the safe design of a PW system. , 2007, , .		1
154	Fabrication of helicoidal long-period fiber gratings by twisting a standard single mode fiber. , 2007, , .		1
155	Complete Removal of the Substrate Effects in Third-Harmonic Generation from Single-Walled Carbon Nanotubes. , 2007, , .		0
156	Multiwavelength Switchable Erbium-Doped Fiber Ring Laser using Digital Micromirror Device. , 2007, , .		0
157	Sweeping Detector OCT based on Fabry-Perot Tunable Filter and Balanced Photoreceiver. , 2007, , .		0
158	Accurate contrast-ratio characterization of femtosecond and chirped picosecond pulses using the decorrelation of third-order correlation trace. , 2007, , .		0
159	Microstructured Fiber End Surface Grating for Coarse WDM Signal Monitoring. IEEE Photonics Technology Letters, 2007, 19, 550-552.	2.5	15
160	Waveguide-Type Wavelength-Tunable Λ olc Filter in a Periodically Poled $\text{Ti}^{\text{a}}\text{:LiNbO}_3$ Waveguide. IEEE Photonics Technology Letters, 2007, 19, 1505-1507.	2.5	12
161	Optical properties of $\text{Mg}_x\text{Zn}_{1-x}\text{O}$ nanowire photonic crystals. Solid State Communications, 2007, 142, 195-199.	1.9	3
162	Protons and electrons generated from a $5\text{-}\mu\text{m}$ thick copper tape target irradiated by s-, circularly-, and p-polarized 55-fs laser pulses. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 483-487.	2.1	8

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163	Measurement of the Electron Density Produced by the Prepulse in an Experiment of High Energy Proton Beam Generation. Journal of the Korean Physical Society, 2007, 50, 34-39.	0.7	5
164	Self-Collimated Beams in Two-Dimensional Photonic Crystals: Properties and Applications. Journal of the Korean Physical Society, 2007, 51, 1479.	0.7	5
165	Terahertz Generation in Quasi-Phase-Matching Structures Using Femtosecond Laser Pulses. Journal of the Korean Physical Society, 2007, 51, 493-497.	0.7	4
166	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
167	Downchirped Regenerative Amplification of Femtosecond Laser Pulses at 100 kHz Repetition Rate. Springer Series in Optical Sciences, 2007, , 493-501.	0.7	2
168	Supercontinuum Generation with Femtosecond Pulses and Photonic Crystal Fibers. Korean Journal of Optics and Photonics, 2007, 18, 345-350.	0.1	0
169	Efficient electrochemical etching method to fabricate sharp metallic tips for scanning probe microscopes. Review of Scientific Instruments, 2006, 77, 103706.	1.3	24
170	GaAs quantum dots with a high density on a GaAs (111)A substrate. Applied Physics Letters, 2006, 88, 241911.	3.3	30
171	100-kHz high-power femtosecond Ti:sapphire laser based on downchirped regenerative amplification. Optics Express, 2006, 14, 970.	3.4	18
172	All-optical AND and NAND gates based on cascaded second-order nonlinear processes in a Ti-diffused periodically poled LiNbO3 waveguide. Optics Express, 2006, 14, 2776.	3.4	61
173	Tunable Q-switched erbium-doped fiber laser based on digital micro-mirror array. Optics Express, 2006, 14, 5356.	3.4	20
174	Output dynamics and stabilisation of a multi-mode double-clad Yb-doped silica fibre laser. Optics Communications, 2006, 259, 236-241.	2.1	23
175	Development of a 100-kHz femtosecond high-power laser using down-chirped regenerative amplification. Laser Physics, 2006, 16, 673-677.	1.2	2
176	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
177	FABRICATION OF CARBON NANOSTRUCTURES BY LASER ASSISTED CHEMICAL REACTION. Nano, 2006, 01, 73-76.	1.0	3
178	Second-harmonic generation in periodically poled lithium niobate waveguides fabricated by femtosecond laser pulses. Applied Physics Letters, 2006, 89, 171103.	3.3	51
179	Broadband amplified spontaneous emission double-clad fibre source with central wavelengths near 2µm. Journal of Modern Optics, 2006, 53, 991-1001.	1.3	21
180	Terahertz Generation and Domain Mapping in Periodically Poled Crystal. , 2006, , .		0

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