

Nikolay V Kuleshov

List of Publications by Year in descending order

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225
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4,863
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docs citations

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Transitions intensities and cross-sections of Tb ³⁺ ions in YAl ₃ (BO ₃) ₄ crystal. OSA Continuum, 2021, 4, 822. | 1.8 | 5 |
| 2 | Picosecond and Femtosecond Mode-Locked Lasers Based on Yb:LuAP Crystal. , 2021, , . | | 0 |
| 3 | Er,Yb:GdAB/Co:MALO Passively Q-Switched Monolithic Laser. , 2019, , . | | 0 |
| 4 | Dual-Wavelength Chirped-Pulse Regenerative Amplifier Based on Yb:LuAP Crystal. , 2019, , . | | 0 |
| 5 | Quantitative investigation using X-ray photoelectron spectroscopy of oxidation of platinum catalyst films deposited by sputtering and spraying for fuel cell applications. Thin Solid Films, 2019, 683, 27-33. | 0.8 | 8 |
| 6 | Cross Sections, Transition Intensities, and Laser Generation at the 3P1 → 3H5 Transition of LiY0.3Lu0.7F4:Pr ³⁺ Crystal. Journal of Applied Spectroscopy, 2019, 86, 220-225. | 0.3 | 4 |
| 7 | Efficient Tm-laser operation based on 5at.%Tm:KLu(WO4) ₂ with Nm and AT orientations. AIP Conference Proceedings, 2019, , . | 0.3 | 0 |
| 8 | Growth, spectroscopy and high power laser operation of Yb:YAl ₃ (BO ₃) ₄ crystal: Continuous-wave, mode-locking and chirped pulse regenerative amplification. Optical Materials, 2019, 89, 261-267. | 1.7 | 5 |
| 9 | Yb:YAB Crystal Based Chirped Pulse Regenerative Amplifier. , 2019, , . | | 0 |
| 10 | Comparative Study of Spectroscopic Properties of Pr ³⁺ -Doped LiY0.3Lu0.7F4, LiYF4 and LiLuF4 Crystals. , 2019, , . | | 1 |
| 11 | Monolithic 1.5-µm Er,Yb:GdAl ₃ (BO ₃) ₄ eye-safe laser. Optical Materials, 2019, 88, 60-66. | 1.7 | 11 |
| 12 | Spectral properties of Nd ³⁺ ions in the new fluoride glasses with small additives of the phosphates. Journal of Luminescence, 2019, 206, 523-529. | 1.5 | 34 |
| 13 | Cross sections and transition intensities of Tb ³⁺ in KY(WO ₄) ₂ . OSA Continuum, 2019, 2, 1378. | 1.8 | 6 |
| 14 | Growth and spectroscopic properties of Sm ³⁺ :KY(WO ₄) ₂ crystal. Optical Materials, 2018, 75, 821-826. | 1.7 | 12 |
| 15 | Spectroscopy and microchip laser operation of Tm, Ho:KYW crystals with different Ho concentrations. Laser Physics Letters, 2018, 15, 025001. | 0.6 | 2 |
| 16 | Growth and spectroscopic properties of Tm ³⁺ :NaBi(MoO ₄) ₂ single crystal. Optical Materials, 2018, 80, 169-176. | 1.7 | 14 |
| 17 | Growth, spectroscopy and continuous-wave laser performance of Nd ³⁺ :LiLu0.65Y0.35F ₄ crystal. Laser Physics, 2018, 28, 045802. | 0.6 | 3 |
| 18 | Passive Q-switching of a Tm-Ho:KYW microchip laser by a SWCNT. , 2018, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Spectroscopy and laser operation of Eu ³⁺ :LiYF ₄ . , 2018, , . | | 0 |
| 20 | High power CW and mode-locked laser performance of Yb ³⁺ :YAl ₃ (BO ₃) ₄ crystal. , 2018, , . | | 0 |
| 21 | Spectral-luminescent properties of vapor deposited Cr:ZnS thin films and their application as saturable absorbers for 15- μ m erbium lasers. Optical Materials Express, 2018, 8, 522. | 1.6 | 5 |
| 22 | Flux Growth, Thermal Properties, and Luminescence Spectra of (Er,Yb,Lu)Al ₃ (BO ₃) ₄ Solid Solutions. Inorganic Materials, 2018, 54, 826-830. | 0.2 | 2 |
| 23 | Efficient continuous-wave in-band pumped Nd:KY(MoO ₄) ₂ laser. Laser Physics Letters, 2018, 15, 065002. | 0.6 | 7 |
| 24 | Spectroscopic properties and continuous-wave deep-red laser operation of Eu ³⁺ -doped LiYF ₄ . Optics Letters, 2018, 43, 2364. | 1.7 | 8 |
| 25 | Highly-Efficient Multi-Watt Lasing in 5at.%Tm:KLu(WO ₄) ₂ Mini-Slabs. , 2018, , . | | 0 |
| 26 | Eu ³⁺ :KY(MoO ₄) ₂ : A novel anisotropic red-emitting material with a layered structure. Journal of Alloys and Compounds, 2018, 762, 786-796. | 2.8 | 15 |
| 27 | Laser performance of Er-doped potassium double tungstate epitaxial layers. , 2018, , . | | 0 |
| 28 | Micro-crystallization and spectroscopic properties of Er, Yb:RAl-borates (R=Y, Gd) obtained in RAl ₃ (BO ₃) ₄ ·K ₂ Mo ₃ O ₁₀ ·B ₂ O ₃ ·R ₂ O ₃ and RAl ₃ (BO ₃) ₄ ·B ₂ O ₃ systems. Journal of Crystal Growth, 2017, 457, 302-306. | | 3 |
| 29 | Passively Q-switched Er,Yb:GdAl ₃ (BO ₃) ₄ laser with single-walled carbon nanotube based saturable absorber. Laser Physics Letters, 2017, 14, 035802. | 0.6 | 9 |
| 30 | Growth, structure, Raman spectra and luminescence of orthorhombic Li ₂ Mg ₂ (MoO ₄) ₃ crystals doped with Eu ³⁺ and Ce ³⁺ ions. Journal of Luminescence, 2017, 188, 154-161. | 1.5 | 19 |
| 31 | Modelling of graphene Q-switched Tm lasers. Optics Communications, 2017, 389, 15-22. | 1.0 | 36 |
| 32 | Orthorhombic Yb:Li ₂ Zn ₂ (MoO ₄) ₃ a novel potential crystal for broadly tunable lasers. Laser Physics Letters, 2017, 14, 085804. | 0.6 | 4 |
| 33 | Microchip laser operation of Tm, Ho:KYW crystals with different ho concentrations. , 2017, , . | | 0 |
| 34 | Diode-pumped Tm:KY(WO ₄) ₂ laser passively modelocked with a GaSb-SESAM. Optics Express, 2017, 25, 25760. | 1.7 | 7 |
| 35 | Yb ³⁺ :LuAlO ₃ crystal as a gain medium for efficient broadband chirped pulse regenerative amplification. Optics Letters, 2017, 42, 2415. | 1.7 | 14 |
| 36 | Growth, spectroscopy, and laser characterization of Er:KGd _x Yb _y Lu _{1-x-y} (WO ₄) ₂ epitaxial layers. Optics Letters, 2017, 42, 4565. | 1.7 | 6 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Passively Q-switched Pr:YLF laser with a $\text{Co}^{2+}:\text{MgAl}_2\text{O}_4$ saturable absorber. Optics Letters, 2017, 42, 4687. | 1.7 | 38 |
| 38 | Graphene Q-switched Er,Yb:GdAl ₃ (BO ₃) ₄ laser at 1550 nm. Applied Optics, 2017, 56, 4745. | 2.1 | 8 |
| 39 | Broad-band seeded chirped pulse Yb:CALYO regenerative amplifier. , 2017, , . | | 0 |
| 40 | Development of Saturable Absorbers for Laser Passive Q-switching near 1.5 μm Based on Transparent Ceramic $\text{Co}^{2+}:\text{MgAl}_2\text{O}_4$. Journal of the American Ceramic Society, 2016, 99, 1324-1331. | 1.9 | 42 |
| 41 | Fast mirrors for femtosecond passive mode-locked near-infrared lasers. Laser Physics, 2016, 26, 125001. | 0.6 | 2 |
| 42 | Spectroscopy of tetragonal Eu:NaGd(WO ₄) ₂ crystal. Optical Materials, 2016, 57, 1-7. | 1.7 | 16 |
| 43 | $\text{Ca}_{10}\text{Li}(\text{VO}_4)_7\text{Nd}_3^{3+}$, a promising laser material: growth, structure and spectral characteristics of a Czochralski-grown single crystal. Journal of Crystal Growth, 2016, 445, 101-107. | 0.7 | 12 |
| 44 | Laser performance of in-band pumped Er : LiYF_4 and Er : LiLuF_4 crystals. Quantum Electronics, 2016, 46, 95-99. | 0.3 | 19 |
| 45 | $\text{Yb}^{3+}:\text{CaYAlO}_4$ -based chirped pulse regenerative amplifier. Optics Letters, 2016, 41, 2249. | 1.7 | 15 |
| 46 | Growth and spectroscopic properties of $\text{Ca}_9\text{Nd}(\text{VO}_4)_7$ single crystal. Optical Materials, 2016, 60, 387-393. | 1.7 | 7 |
| 47 | Passively Q-switched 1.55 μm laser performance of Er, Yb:GdAl ₃ (BO ₃) ₄ diode-pumped laser. , 2016, , . | | 0 |
| 48 | Spectroscopy and laser performance of in-band pumped Er:LLF and Er:YLF crystals. , 2016, , . | | 0 |
| 49 | Diode-pumped continuous Wave Tm:KLu(WO ₄) ₂ and Tm:KY(WO ₄) ₂ microchip lasers. , 2016, , . | | 0 |
| 50 | Passively $\text{Q}^{\text{switched}}$ -Switched Thulium Microchip Laser. IEEE Photonics Technology Letters, 2016, 28, 147-150. | 1.3 | 11 |
| 51 | Flux growth and laser-related spectroscopic properties of (Er,Yb):LuAl ₃ (BO ₃) ₄ crystals. CrystEngComm, 2016, 18, 2725-2734. | 1.3 | 12 |
| 52 | Eye-safe 1550 nm passively Q-switched Er,Yb:GdAl ₃ (BO ₃) ₄ diode-pumped laser. Optics Letters, 2016, 41, 918. | 1.7 | 46 |
| 53 | Spectroscopy and continuous wave laser performance of $\text{Yb}^{3+}:\text{LuAlO}_3$ crystal. Optics Letters, 2016, 41, 5805. | 1.7 | 16 |
| 54 | Er:KY(WO ₄) ₂ and Er:LiYF ₄ Crystals for Eye-Safe In-Band Pumped Lasers. , 2015, , . | | 1 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Yb ³⁺ :YVO ₄ Chirped Pulse Regenerative Amplifier. , 2015, , . | | 0 |
| 56 | Intracavity-pumped Ho:KLu(WO ₄) ₂ microchip laser at 2.1 μm. , 2015, , . | | 0 |
| 57 | Spectral luminescence characteristics of forsterite nano glass ceramics doped with chromium ions. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2015, 118, 146-150. | 0.2 | 3 |
| 58 | CW YVO ₄ :Er Laser with Resonant Pumping. Journal of Applied Spectroscopy, 2015, 82, 208-212. | 0.3 | 3 |
| 59 | Efficient high-power femtosecond Yb ³⁺ :KY(WO ₄) ₂ laser. Laser Physics Letters, 2015, 12, 075801. | 0.6 | 17 |
| 60 | Red Eu,Yb:KY(WO ₄) ₂ laser at ~702 nm. Laser Physics Letters, 2015, 12, 085001. | 0.6 | 9 |
| 61 | Ho:KLuW microchip laser intracavity pumped by a diode-pumped Tm:KLuW laser. Applied Physics B: Lasers and Optics, 2015, 120, 123-128. | 1.1 | 13 |
| 62 | In-band-pumped Ho:KLu(WO ₄) ₂ microchip laser with 84% slope efficiency. Optics Letters, 2015, 40, 344. | 1.7 | 35 |
| 63 | High-power, efficient, semiconductor saturable absorber mode-locked Yb:KGW bulk laser. Optics Letters, 2015, 40, 2707. | 1.7 | 37 |
| 64 | Prospects of monoclinic Yb:KLu(WO ₄) ₂ crystal for multi-watt microchip lasers. Optical Materials Express, 2015, 5, 661. | 1.6 | 29 |
| 65 | Microchip Tm:KYW Laser with 2.5 W of Output Power. , 2015, , . | | 0 |
| 66 | 200 kHz 55 W Yb ³⁺ : YVO ₄ -based chirped-pulse regenerative amplifier. Optics Letters, 2015, 40, 3352-14 | | 14 |
| 67 | Judd-Ofelt analysis of spectroscopic properties of Eu ³⁺ :KLu(WO ₄) ₂ crystal. Journal of Luminescence, 2015, 168, 102-108. | 1.5 | 17 |
| 68 | Quasi-continuous wave and continuous wave laser operation of Eu:KGd(WO ₄) ₂ crystal on a ⁵ D ₀ → ⁷ F ₄ transition. Laser Physics Letters, 2015, 12, 015006. | 0.6 | 13 |
| 69 | Energy transfer parameters and microchip diode-pumped CW laser performance of Tm,Ho:KYW crystal. , 2015, , . | | 0 |
| 70 | High power efficient SESAM-mode-locked Yb:KGW bulk laser. , 2015, , . | | 0 |
| 71 | CW and Q-switched Diode-Pumped Laser Operation of Er,Yb:GdAl ₃ (BO ₃) ₄ Crystal. , 2015, , . | | 1 |
| 72 | Microchip laser operation of Tm,Ho:KLu(WO ₄) ₂ crystal. Optics Express, 2014, 22, 27976. | 1.7 | 40 |

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| 73 | Spectroscopic and photoluminescence characterization of Eu ³⁺ -doped monoclinic KY(WO ₄) ₂ crystal. Journal of Luminescence, 2014, 153, 221-226. | 1.5 | 34 |
| 74 | Crystal growth of CW diode-pumped (Er ³⁺ , Yb ³⁺):GdAl ₃ (BO ₃) ₄ laser material. Journal of Crystal Growth, 2014, 401, 807-812. | 0.7 | 19 |
| 75 | Highly efficient 12 W diode-pumped actively Q-switched Yb:KGd(WO ₄) ₂ laser. Optics Letters, 2014, 39, 3038. | 1.7 | 11 |
| 76 | Thermal lensing in Yb:KLu(WO ₄) ₂ crystals cut along the optical indicatrix axes. Laser Physics Letters, 2014, 11, 125802. | 0.6 | 14 |
| 77 | Spectroscopic characterization of Eu ³⁺ :KY(WO ₄) ₂ laser crystal. , 2014, , . | | 0 |
| 78 | Efficient diode-pumped Tm:KYW 19-1/4m microchip laser with 1 W cw output power. Optics Express, 2014, 22, 11578. | 1.7 | 21 |
| 79 | All-space existence and dispersion of athermal directions in monoclinic KY(WO ₄) ₂ . Optics Communications, 2014, 326, 144-149. | 1.0 | 7 |
| 80 | Anisotropy of the photo-elastic effect in Nd:KGd(WO ₄) ₂ laser crystals. Laser Physics Letters, 2014, 11, 055002. | 0.6 | 16 |
| 81 | Laser properties of in-band pumped Er ³⁺ :YVO ₄ and Er ³⁺ :KY(WO ₄) ₂ crystals. , 2014, , . | | 0 |
| 82 | Europium-Doped double tungstates: Novel crystals for visible lasers. , 2014, , . | | 0 |
| 83 | Diode-pumped microchip Tm:KLu(WO ₄) ₂ laser with more than 3 W of output power. Optics Letters, 2014, 39, 4247. | 1.7 | 79 |
| 84 | Characterization of the thermal lens in 3 at.%Tm:KLu(WO ₄) ₂ and microchip laser operation. Laser Physics Letters, 2014, 11, 075001. | 0.6 | 10 |
| 85 | Growth and spectroscopic characteristics of Yb ³⁺ -Doped NaBi(MoO ₄) ₂ crystals. Inorganic Materials, 2014, 50, 617-621. | 0.2 | 6 |
| 86 | Thermal-Lens-Driven Effects in N _g -Cut Yb- and Tm-Doped Monoclinic KLu(WO ₄) ₂ Crystals. IEEE Journal of Quantum Electronics, 2014, 50, 1-8. | 1.0 | 55 |
| 87 | Thermo-optic characterization of Yb:YAl ₃ (BO ₃) ₄ laser crystal. Applied Physics B: Lasers and Optics, 2014, 117, 577-583. | 1.1 | 7 |
| 88 | 12W efficient air cooled diode-pumped actively Q-switched Yb:KGd(WO ₄) ₂ laser. , 2013, , . | | 0 |
| 89 | Dispersion and anisotropy of thermo-optical properties of tetragonal GdVO ₄ and YVO ₄ laser host crystals. , 2013, , . | | 0 |
| 90 | Thermal lensing in Nm-cut monoclinic Tm:KLu(WO ₄) ₂ laser crystal. Laser Physics Letters, 2013, 10, 125005. | 0.6 | 13 |

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| 91 | In-band pumped room-temperature Er:KY(WO ₄) ₂ laser emitting around 1.6 μ m. Laser Physics, 2013, 23, 125005. | 0.6 | 10 |
| 92 | Spectroscopic characterization and pulsed laser operation of Eu ³⁺ :KGd(WO ₄) ₂ crystal. Laser Physics, 2013, 23, 105811. | 0.6 | 22 |
| 93 | Thermo-optical properties of uniaxial NaT(XO ₄) ₂ laser host crystals (where T=La, Gd or Bi, and X=WO ₄) Tj ETQq1 1 0.784314 rg | 1.1 | 19 |
| 94 | Growth, spectroscopic and thermal properties of Nd-doped disordered Ca ₉ (La/Y)(VO ₄) ₇ and Ca ₁₀ (Li/K)(VO ₄) ₇ crystals. Journal of Luminescence, 2013, 137, 252-258. | 1.5 | 41 |
| 95 | The prospects for Yb- and Nd-doped tungstate microchip lasers. , 2013, , . | | 2 |
| 96 | Semiconductor A ₃ B ₅ nanostructures for infrared femtosecond lasers. Journal of Physics: Conference Series, 2013, 414, 012026. | 0.3 | 0 |
| 97 | 14W high-efficiency diode-pumped cw Yb:KGd(WO ₄) ₂ laser with low thermo-optic aberrations. Optical Materials, 2013, 35, 582-585. | 1.7 | 32 |
| 98 | Growth and spectroscopic characteristics of Li ₂ Mg ₂ (MoO ₄) ₃ and Li ₂ Mg ₂ (MoO ₄) ₃ :Co ²⁺ crystals. Inorganic Materials, 2013, 49, 517-519. | 0.2 | 10 |
| 99 | High average power 1314 nm Nd:YLF laser, passively Q-switched with V:YAG. Optics Letters, 2013, 38, 980. | 1.7 | 22 |
| 100 | Highly efficient continuous-wave diode-pumped Er, Yb:GdAl ₃ (BO ₃) ₄ laser. Optics Letters, 2013, 38, 2446. | 1.7 | 53 |
| 101 | Dispersion and anisotropy of thermo-optic coefficients in tetragonal GdVO ₄ and YVO ₄ laser host crystals. Applied Optics, 2013, 52, 698. | 0.9 | 32 |
| 102 | Anisotropic absorption and luminescence and quasi-CW laser operation of Eu ³⁺ :KGd(WO ₄) ₂ monoclinic crystal. , 2013, , . | | 0 |
| 103 | Passively Q-switched microchip Er, Yb:YAl ₃ (BO ₃) ₄ diode-pumped laser. Optics Letters, 2012, 37, 2745. | 1.7 | 41 |
| 104 | Thermo-optic coefficients study in KGd(WO ₄) ₂ and KY(WO ₄) ₂ by a modified minimum deviation method. Applied Optics, 2012, 51, 2951. | 0.9 | 16 |
| 105 | Thermal lensing and microchip laser performance of N g-cut Tm ³⁺ :KY(WO ₄) ₂ crystal. Applied Physics B: Lasers and Optics, 2012, 108, 603-607. | 1.1 | 28 |
| 106 | Growth and characterization of pure and Yb-doped Ca ₉ Y(VO ₄) ₇ single crystals. , 2012, , . | | 1 |
| 107 | Compact passively Q-switched diode-pumped Tm:KY(WO ₄) ₂ laser with 8 ns/30/LJ pulses. Laser Physics Letters, 2012, 9, 291-294. | 0.6 | 27 |
| 108 | Thermal lensing study and athermal directions in flashlamp-pumped Nd:KGd(WO ₄) ₂ laser crystal. Applied Physics B: Lasers and Optics, 2012, 106, 881-886. | 1.1 | 15 |

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| 109 | Comparative thermal analysis of Nd- and Yb-doped YAG and KGdW laser crystals under diode- and flashlamp-pumping. Optics and Laser Technology, 2012, 44, 2232-2237. | 2.2 | 10 |
| 110 | Thermo-optical properties of pure and Yb-doped monoclinic KY(WO ₄) ₂ crystals. Applied Physics B: Lasers and Optics, 2012, 106, 663-668. | 1.1 | 25 |
| 111 | Broadly tunable femtosecond mode-locking in a Tm:KYW laser near 2 μ m. Optics Express, 2011, 19, 9995. | 1.7 | 65 |
| 112 | Liquid-phase epitaxy of single-crystal erbium-ytterbium codoped YAl ₃ (BO ₃) ₄ layers as key components of planar waveguides. Inorganic Materials, 2011, 47, 979-982. | 0.2 | 7 |
| 113 | Thermo-optic dispersion formulas for monoclinic double tungstates KRe(WO ₄) ₂ where Re=Gd, Y, Lu, Yb. Optical Materials, 2011, 33, 1688-1694. | 1.7 | 51 |
| 114 | Detailed characterization of thermal expansion tensor in monoclinic KRe(WO ₄) ₂ (where Re=Gd, Y, Lu). Tj ETQq0 0 0,rgBT /Overlock 10 T | 1.7 | 36 |
| 115 | Energy transfer between Yb ³⁺ and Er ³⁺ ions in an Er,Yb:YAl ₃ (BO ₃) ₄ crystal. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2011, 111, 74-78. | 0.2 | 3 |
| 116 | Yb ³⁺ :KY(WO ₄) ₂ laser with a fast saturable absorber. Laser Physics, 2011, 21, 1300-1304. | 0.6 | 4 |
| 117 | Thermo-optic coefficients of Nd-doped anisotropic KGd(WO ₄) ₂ , YVO ₄ and GdVO ₄ laser crystals. Applied Physics B: Lasers and Optics, 2011, 102, 117-122. | 1.1 | 19 |
| 118 | 115 fs pulses from Yb ³⁺ :KY(WO ₄) ₂ laser with low loss nanostructured saturable absorber. Laser Physics Letters, 2011, 8, 431-435. | 0.6 | 23 |
| 119 | Thermal expansion coefficients anisotropy of monoclinic potassium (rare-earth) double tungstates KRe(WO ₄) ₂ (Re=Gd,Y,Lu,Yb). , 2011, , . | | 0 |
| 120 | Compact Tm:KYW laser passively Q-switched with a PbS-quantum dot-based saturable absorber. , 2011, , . | | 0 |
| 121 | Semiconductor nanostructures modified by the UV laser radiation. Laser Physics, 2010, 20, 1262-1265. | 0.6 | 13 |
| 122 | Laser performance and thermal lensing in flashlamp pumped N p-cut and N g-cut Nd:KGW crystals. Applied Physics B: Lasers and Optics, 2010, 100, 477-483. | 1.1 | 12 |
| 123 | Passive mode locking of diode-pumped Tm:KYW laser with PbS quantum-dot-doped glass. Laser Physics Letters, 2010, 7, 286-289. | 0.6 | 45 |
| 124 | High-temperature growth and spectroscopic characterization of Er,Yb:YAl ₃ (BO ₃) ₄ epitaxial thin layers. Optical Materials, 2010, 32, 1377-1379. | 1.7 | 7 |
| 125 | Saturable absorbers based on semiconductor A ₃ B ₅ nanostructures. Proceedings of SPIE, 2010, , . | 0.8 | 2 |
| 126 | Thermo-optic coefficients and thermal lensing in Nd-doped KGd(WO ₄) ₂ laser crystals. Applied Optics, 2010, 49, 6651. | 2.1 | 27 |

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| 127 | Femtosecond pulse operation of a Tm,Ho-codoped crystalline laser near 2 $\hat{1}$ / ₄ m. Optics Letters, 2010, 35, 172. | 1.7 | 66 |
| 128 | 10.1007/s11445-008-2026-y. , 2010, 53, 336. | | 0 |
| 129 | Er,Yb:YAl<inf>3</inf>;(BO<inf>3</inf>)<inf>4</inf>; crystalline layers grown by liquid-phase epitaxy. , 2009, , . | | 0 |
| 130 | Spectroscopy and efficient room-temperature laser operation of Tm,Ho:KY(WO<inf>4</inf>)<inf>2</inf> around 2µm. , 2009, , . | | 0 |
| 131 | Yb:KGd(WO<inf>4</inf>)<inf>2</inf>; channel waveguide laser fabricated by ultrafast laser writing. , 2009, , . | | 0 |
| 132 | Diode-pumped passivelyQ-switched high-repetition-rate Yb microchip laser. Quantum Electronics, 2009, 39, 1018-1022. | 0.3 | 12 |
| 133 | New ytterbium-phosphate glass for diode-pumped lasers. Quantum Electronics, 2009, 39, 891-894. | 0.3 | 7 |
| 134 | Er,Yb:YAl3(BO3)4“efficient 1.5 $\hat{1}$ / ₄ m laser crystal. Applied Physics B: Lasers and Optics, 2009, 97, 357-362. | 1.1 | 73 |
| 135 | Optical spectroscopy and efficient continuous-wave operation near 2 $\hat{1}$ / ₄ m for a Tm,“Ho:KYW laser crystal. Applied Physics B: Lasers and Optics, 2009, 97, 321-326. | 1.1 | 37 |
| 136 | Continuous wave diode pumped Yb:LLF and Yb:NYF lasers. Optics Communications, 2009, 282, 4404-4407. | 1.0 | 10 |
| 137 | Self-mode-locking of the Nd3+:KGd(WO4)2 laser using a multifunctional semiconductor mirror. Laser Physics, 2009, 19, 285-289. | 0.6 | 11 |
| 138 | Passive mode locking of a Tm,Ho:KY(WO_4)_2 laser around 2 $\hat{1}$ / ₄ m. Optics Letters, 2009, 34, 2587. | 1.7 | 53 |
| 139 | Continuous-wave and Q-switched operation of a compact, diode-pumped Yb^3+:KY(WO_4)_2 planar waveguide laser. Optics Express, 2009, 17, 1666. | 1.7 | 44 |
| 140 | Ultrafast laser inscribed Yb:KGd(WO_4)_2 and Yb:KY(WO_4)_2 channel waveguide lasers. Optics Express, 2009, 17, 22417. | 1.7 | 81 |
| 141 | Thermal lens study in diode pumped Ng- and Np-cut Nd:KGd(WO_4)_2 laser crystals. Optics Express, 2009, 17, 23536. | 1.7 | 44 |
| 142 | New high-strength neodymium phosphate laser glass. Quantum Electronics, 2009, 39, 1117-1120. | 0.3 | 8 |
| 143 | High-temperature crystallization of novel rare-earth borate materials: Single crystals and thin films. Journal of Physics: Conference Series, 2009, 176, 012010. | 0.3 | 7 |
| 144 | Excited state absorption, energy levels, and thermal conductivity of Er3+:YAB. Applied Physics B: Lasers and Optics, 2008, 92, 567-571. | 1.1 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | Diode-pumped Tm:KY(WO ₄) ₂ laser passively Q-switched with PbS-doped glass. Applied Physics B: Lasers and Optics, 2008, 93, 787-791. | 1.1 | 36 |
| 146 | Optical properties of undoped and Yb ³⁺ -doped YAl ₃ (BO ₃) ₄ crystals. Inorganic Materials, 2008, 44, 863-865. | 0.2 | 7 |
| 147 | Diode-pumped passively mode-locked Er,Yb:YAl ₃ (BO ₃) ₄ laser at 15-16 μ m. Optics Letters, 2008, 33, 83. | 1.7 | 34 |
| 148 | Spectroscopy and femtosecond laser performance of Yb ³⁺ :YAlO ₃ crystal. Optics Letters, 2008, 33, 2194. | 1.7 | 35 |
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