

# E S Estacio

## List of Publications by Year in descending order

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Terahertz Emission Enhancement of Gallium-Arsenide-Based Photoconductive Antennas by Silicon Nanowire Coating. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2022, 12, 36-41.  | 3.1 | 2         |
| 2  | Indirect stress and air-cavity displacement measurement of MEMS tunable VCSELs via micro-Raman and micro-photoluminescence spectroscopy. <i>Semiconductor Science and Technology</i> , 2022, 37, 035013.  | 2.0 | 1         |
| 3  | Integrated optics spiral photoconductive antennas coupled with 1D and 2D micron-size terahertz-wavelength plasmonic metal arrays. <i>Optical Materials Express</i> , 2022, 12, 1617.  | 3.0 | 4         |
| 4  | Tunneling dynamics and transport in MBE-grown GaAs/AlGaAs asymmetric double quantum wells investigated via photoluminescence and terahertz time-domain spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 16126-16135. | 2.2 | 0         |
| 5  | Terahertz emission increase in GaAs films exhibiting structural defects grown on Si (100) substrates using a two-layered LTG-GaAs buffer system. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13825-13836.                     | 2.2 | 1         |
| 6  | Effect of heteroepitaxial growth on LT-GaAs: ultrafast optical properties. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 315704.   | 1.8 | 1         |
| 7  | Spintronic terahertz emission from Ni/Pt bilayer grown on MgO. <i>Journal of Physics: Conference Series</i> , 2021, 1943, 012035.   | 0.4 | 0         |
| 8  | Terahertz generation in a thin GaAs slab in a tapered parallel plate waveguide by femtosecond laser excitation at 1560Ånm. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 072009.   | 1.5 | 1         |
| 9  | Thickness dependence of the spintronic terahertz emission from Ni/Pt bilayer grown on MgO via electron beam deposition. <i>Applied Physics Express</i> , 2021, 14, 093001.  | 2.4 | 5         |
| 10 | Creating terahertz pulses from titanium-doped lithium niobate-based strip waveguides with 1.55Å¼m light. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 23164-23173.   | 2.2 | 1         |
| 11 | Interplay of Zn(OAc)2 concentration, morphology, and emission in hydrothermal-grown ZnO nanostructures. <i>Journal of Crystal Growth</i> , 2021, , 126339.  | 1.5 | 0         |
| 12 | Ultrafast carrier dynamics and THz conductivity in epitaxial-grown LT-GaAs on silicon for development of THz photoconductive antenna detectors. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 095105.   | 2.8 | 4         |
| 13 | Terahertz transmission spectroscopy of soil minerals for geoarchaeological evaluation of sediments excavated from Pinagbayanan Batangas Philippines. <i>Infrared Physics and Technology</i> , 2020, 111, 103568.  | 2.9 | 2         |
| 14 | Graphene transfer passivates GaAs. <i>Applied Physics Letters</i> , 2020, 117, .  | 3.3 | 4         |
| 15 | A modulation-doped heterostructure-based terahertz photoconductive antenna emitter with recessed metal contacts. <i>Scientific Reports</i> , 2020, 10, 19926.   | 3.3 | 3         |
| 16 | Observation of enhanced terahertz emission in two-dimensional metal line arrays on GaAs surfaces. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 070907.  | 1.5 | 2         |
| 17 | Spray Pyrolysis Deposition of Al-Doped ZnO Thin Films for Potential Picosecond Extreme Ultraviolet Scintillator Applications. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900481.  | 1.5 | 2         |
| 18 | Temperature-dependent terahertz time-domain spectroscopy of 3D, 2D, and 0D semiconductor heterostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 6321-6327.   | 2.2 | 1         |

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|----|--|-----|-----------|
| 19 | True bulk As-antisite defect in GaAs(111 $\bar{0}$ ) identified by DFT calculations and probed by STM/STS measurements. Applied Surface Science, 2020, 511, 145590.  | 6.1 | 8         |
| 20 | Low-temperature carrier dynamics in MBE-grown InAs/GaAs single- and multi-layered quantum dots investigated via photoluminescence and terahertz time-domain spectroscopy. Optical Materials Express, 2020, 10, 178.  | 3.0 | 6         |
| 21 | Trilayer low-temperature-grown GaAs terahertz emitter and detector device with doped buffer. Applied Physics Express, 2020, 13, 082012.  | 2.4 | 3         |
| 22 | Enhanced terahertz emission of silicon nanowire-coated gallium arsenide photoconductive antenna. , 2020, , .   |     | 0         |
| 23 | Effect of substrate material on LT-GaAs carrier dynamics at 800 nm. , 2020, , .  |     | 0         |
| 24 | Effect of Doped Buffer in Low-Temperature-Grown GaAs Terahertz Photoconductive Antenna Emitters and Detectors. , 2020, , .   |     | 0         |
| 25 | Electro-Optic Sampling of Terahertz Pulses by using GaAs and Tapered Parallel Plate Waveguide. , 2020, , .   |     | 0         |
| 26 | Enhanced terahertz emission of a gallium arsenide thin film on a porous silicon distributed Bragg reflector designed at 800nm wavelength. Optical Materials, 2019, 92, 335-340.  | 3.6 | 0         |
| 27 | Photoconductivity, carrier lifetime and mobility evaluation of GaAs films on Si (100) using optical pump terahertz probe measurements. Semiconductor Science and Technology, 2019, 34, 035031.   | 2.0 | 13        |
| 28 | Efficacy of proposed 2DEG-based photoconductive antenna using magnetic bias-controlled carrier transport. Current Applied Physics, 2019, 19, 756-761.  | 2.4 | 3         |
| 29 | Atomically-resolved interface imaging and terahertz emission measurements of gallium arsenide epilayers. Journal of Applied Physics, 2019, 126, .  | 2.5 | 6         |
| 30 | High Sensitivity Heterodyne Electro-Optic Sampling with 1.5- $\mu$ m Laser Source. , 2019, , .   |     | 0         |
| 31 | Metal-Coated &lt;100>-Cut GaAs Coupled to Tapered Parallel-Plate Waveguide for Cherenkov-Phase-Matched Terahertz Detection: Influence of Crystal Thickness. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 514-520.                           | 2.2 | 2         |
| 32 | Epitaxial growth of p-InAs on GaSb with intense terahertz emission under 1.55- $\mu$ m femtosecond laser excitation. Thin Solid Films, 2018, 648, 46-49.   | 1.8 | 1         |
| 33 | Temperature dependence of THz emission and junction electric field of GaAs $\epsilon$ -AlGaAs modulation-doped heterostructures with different i-AlGaAs spacer layer thicknesses. Journal of Materials Science: Materials in Electronics, 2018, 29, 8760-8766. | 2.2 | 4         |
| 34 | Sensitivity Improvement of Heterodyne Electro-Optic Sampling. , 2018, , .  |     | 0         |
| 35 | Photo-carrier dynamics of MBE-grown GaAs on Silicon studied by optical-pump terahertz-probe. , 2018, , .   |     | 2         |
| 36 | Enhancement of THz EO Sampling Signal by Polarization Filtering. , 2018, , .   |     | 0         |

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|----|--|-----|-----------|
| 37 | Terahertz Emission Enhancement of i-/n-Gallium Arsenide Thin Film on a Porous Silicon Distributed Bragg Reflector designed at 800nm. , 2018, , .   |     | 0         |
| 38 | Photoluminescence and terahertz time-domain spectroscopy of MBE-grown single-layered InAs/GaAs quantum dots. , 2018, , .   |     | 0         |
| 39 | Surface effect of n-GaAs cap on the THz emission in LT-GaAs. Journal of Materials Science: Materials in Electronics, 2018, 29, 12436-12442.  | 2.2 | 1         |
| 40 | Intense THz emission in high quality MBE-grown GaAs film with a thin n-doped buffer. Optical Materials Express, 2018, 8, 1463.   | 3.0 | 3         |
| 41 | Terahertz emission characteristics of GaMnAs dilute magnetic semiconductor under 650ÅmT external magnetic field. Current Applied Physics, 2017, 17, 522-526.   | 2.4 | 2         |
| 42 | Terahertz emission and photoluminescence of silicon nanowires electrolessly etched on the surface of silicon (100), (110), and (111) substrates for photovoltaic cell applications. Photonics and Nanostructures - Fundamentals and Applications, 2017, 24, 1-6. | 2.0 | 7         |
| 43 | Luminescence and carrier dynamics in nanostructured silicon. Journal of Luminescence, 2017, 186, 312-317.  | 3.1 | 2         |
| 44 | Tunneling at room temperature in GaAs/AlGaAs asymmetric coupled double quantum wells observed via time resolved photoluminescence spectroscopy. Superlattices and Microstructures, 2017, 109, 324-329.   | 3.1 | 2         |
| 45 | Structural and optical characterization and scintillator application of hydrothermal-grown ZnO microrods. Optical Materials, 2017, 65, 82-87.  | 3.6 | 11        |
| 46 | Charge carrier dynamics of GaAs/AlGaAs asymmetric double quantum wells at room temperature studied by optical pump terahertz probe spectroscopy. Japanese Journal of Applied Physics, 2017, 56, 111203.  | 1.5 | 4         |
| 47 | Defect-related temperature dependence of THz emission from GaAs/AlGaAs MQWs grown on off- and on-axis substrates. AIP Advances, 2017, 7, 125210.   | 1.3 | 3         |
| 48 | Terahertz Emission from CuO Nanowires Synthesized Through Thermal Oxidation of Cu Foils. Science of Advanced Materials, 2017, 9, 193-198.  | 0.7 | 2         |
| 49 | Enhanced Terahertz Emission and Raman Signal from Silicon Nanopyramids. Science of Advanced Materials, 2017, 9, 214-219.   | 0.7 | 1         |
| 50 | Terahertz emission enhancement in semi-insulating gallium arsenide integrated with subwavelength one-dimensional metal line array. Optics Letters, 2016, 41, 4515.   | 3.3 | 5         |
| 51 | Cherenkov-phase-matched nonlinear optical detection and generation of terahertz radiation via GaAs with metal-coating. Optics Express, 2016, 24, 24980.  | 3.4 | 8         |
| 52 | Low temperature-grown GaAs carrier lifetime evaluation by double optical pump terahertz time-domain emission spectroscopy. Optics Express, 2016, 24, 26175.  | 3.4 | 16        |
| 53 | Cherenkov-type generation and detection of terahertz radiation in a GaAs with metal-coat structure. , 2016, , .  |     | 0         |
| 54 | Development of Resistance-Based pH Sensor Using Zinc Oxide Nanorods. Journal of Nanoscience and Nanotechnology, 2016, 16, 6102-6106.   | 0.9 | 12        |

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|----|---|-----|-----------|
| 55 | Porosity dependence of terahertz emission of porous silicon investigated using reflection geometry terahertz time-domain spectroscopy. Superlattices and Microstructures, 2016, 100, 892-899.                         | 3.1 | 4         |
| 56 | Al-doped ZnO and N-doped Cu <sub>x</sub> O thermoelectric thin films for self-powering integrated devices. Materials Science in Semiconductor Processing, 2016, 45, 27-31.  | 4.0 | 24        |
| 57 | Electro-optic sampling of terahertz pulses using BaTiO <sub>3</sub> in non-collinear Cherenkov phase-matching scheme. , 2015, , .   |     | 0         |
| 58 | Temperature behavior of unstrained (GaAs/AlGaAs) and strained (InGaAs/GaAs) quantum well bandgaps. Optical and Quantum Electronics, 2015, 47, 3053-3063.  | 3.3 | 3         |
| 59 | Enhanced terahertz emission from Si-GaAs with a sub-wavelength 1D metal array. , 2015, , .  |     | 0         |
| 60 | Increased terahertz emission from Si-GaAs deposited with sub-wavelength spacing metal line array. , 2015, , .   |     | 0         |
| 61 | Cu <sub>2</sub> ZnSnSe <sub>4</sub> photovoltaic thin film: A potential large-area THz emitter. , 2015, , .   |     | 0         |
| 62 | Interruption-assisted epitaxy of faceted p-InAs on buffered GaSb for terahertz emitters. Applied Physics Express, 2015, 8, 035501.  | 2.4 | 3         |
| 63 | Non-collinear electro-optic sampling techniques for efficient detection of THz radiation. , 2015, , .   |     | 0         |
| 64 | Confined photocarrier transport in InAs pyramidal quantum dots via terahertz time-domain spectroscopy. Optics Express, 2015, 23, 14532.   | 3.4 | 9         |
| 65 | Dynamics of Optically-Generated Carriers in Si (100) and Si (111) Substrate-Grown GaAs/AlGaAs Core-Shell Nanowires. Nanoscale Research Letters, 2015, 10, 1050.   | 5.7 | 2         |
| 66 | Blue-shifted and picosecond amplified UV emission from aqueous chemical grown ZnO microrods. Optical Materials, 2015, 48, 179-184.  | 3.6 | 4         |
| 67 | Noncollinear Electro-Optic Sampling of Terahertz Waves in a Thick GaAs Crystal. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 732-736.  | 3.1 | 13        |
| 68 | Terahertz emission from aluminum-doped ZnO/nGaAs heterostructure investigated using reflection-mode terahertz time-domain spectroscopy. Applied Physics Express, 2015, 8, 122101.                                     | 2.4 | 1         |
| 69 | Tin Oxide-Silver Composite Nanomaterial Coating for UV Protection and Its Bactericidal Effect on Escherichia coli (E. coli). Coatings, 2014, 4, 320-328.  | 2.6 | 7         |
| 70 | Terahertz surface emission from Cu <sub>2</sub> ZnSnSe <sub>4</sub> thin film photovoltaic material excited by femtosecond laser pulses. Applied Physics Letters, 2014, 105, .  | 3.3 | 6         |
| 71 | Frequency-resolved detection of broadband THz waves with Cherenkov-phase-matched heterodyne EO sampling. , 2014, , .  |     | 1         |
| 72 | Terahertz emission enhancement in low-temperature-grown GaAs with an n-GaAs buffer in reflection and transmission excitation geometries. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 291. | 2.1 | 18        |

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|----|--|-----|-----------|
| 73 | Highly sensitive electro-optic sampling of terahertz waves using field enhancement in a tapered waveguide structure. Applied Physics Express, 2014, 7, 112401.   | 2.4 | 16        |
| 74 | Shell to core carrier-transfer in MBE-grown GaAs/AlGaAs core-shell nanowires on Si(100) substrates. Journal of Luminescence, 2014, 155, 27-31.   | 3.1 | 3         |
| 75 | Enhanced terahertz emission from GaAs substrates deposited with aluminum nitride films caused by high interface electric fields. Applied Surface Science, 2014, 303, 241-244.  | 6.1 | 3         |
| 76 | Mapping of temporal coherence function for ultrafast lasers via statistical fringe analysis of reconstructed phase maps. Optics Communications, 2014, 329, 190-195.  | 2.1 | 7         |
| 77 | Coherence Length Measurement for Ultra-short Laser Pulses Using Digital Holography and Statistical Fringe Analysis. , 2014, , 247-250.   |     | 0         |
| 78 | Saturation and Polarization Characteristics of 1.56- $\mu$ m Optical Probe Pulses in a LTG-GaAs Photoconductive Antenna Terahertz Detector. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 423-430. | 2.2 | 8         |
| 79 | Terahertz emission from GaAs-AlGaAs core-shell nanowires on Si (100) substrate: Effects of applied magnetic field and excitation wavelength. Applied Physics Letters, 2013, 102, .                                   | 3.3 | 20        |
| 80 | Deep level traps and the temperature behavior of the photoluminescence in GaAs/AlGaAs multiple quantum wells grown on off-axis and on-axis substrates. Journal of Luminescence, 2013, 143, 517-520.                  | 3.1 | 3         |
| 81 | Photocarrier Transport and Carrier Recombination Efficiency in Vertically Aligned Si Nanowire Arrays Synthesized Via Metal-Assisted Chemical Etching. Applied Physics Express, 2013, 6, 082101.                      | 2.4 | 5         |
| 82 | Non-ellipsometric detection of terahertz radiation using heterodyne EO sampling in the Cherenkov velocity matching scheme. Optics Express, 2013, 21, 9277.   | 3.4 | 38        |
| 83 | Lens Coupler and Magnetic Field Terahertz Emission Enhancement in InSb and InAs under 1.55- $\mu$ m Excitation. Japanese Journal of Applied Physics, 2013, 52, 032201.   | 1.5 | 3         |
| 84 | Detection of THz radiation by using GaAs in Cherenkov-phase-matched electro-optic sampling. , 2013, , .  |     | 1         |
| 85 | Techniques of non-collinear electro-optic sampling for efficient detection of pulsed terahertz radiation. , 2013, , .  |     | 1         |
| 86 | Influence of metal surface roughness on the phase velocity of terahertz waves propagating in parallel plate waveguides. , 2013, , .  |     | 2         |
| 87 | Fast-Scan Terahertz Time Domain Spectrometer Based on Laser Repetition Frequency Modulation. Japanese Journal of Applied Physics, 2013, 52, 022401.  | 1.5 | 14        |
| 88 | Terahertz emission from Indium Oxide films grown on MgO substrates using sub-bandgap photon energy excitation. Optics Express, 2012, 20, 4518.   | 3.4 | 1         |
| 89 | Intense terahertz emission from molecular beam epitaxy-grown GaAs/GaSb(001). Journal of Applied Physics, 2012, 112, .  | 2.5 | 3         |
| 90 | Enhancement of THz EO sampling efficiency using waveguides. , 2012, , .  |     | 0         |

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|-----|---|-----|-----------|
| 91  | Cherenkov phase-matched EO sampling of terahertz pulses using heterodyne scheme. , 2012, , .  |     | 0         |
| 92  | Photoconductive Emission and Detection of Terahertz Pulsed Radiation Using Semiconductors and Semiconductor Devices. Journal of Infrared, Millimeter, and Terahertz Waves, 2012, 33, 393-404.                           | 2.2 | 21        |
| 93  | Efficient electro-optic sampling detection of terahertz radiation via Cherenkov phase matching. Optics Express, 2011, 19, 19901.  | 3.4 | 46        |
| 94  | Efficient generation and electro-optic sampling detection of THz radiation using Cherenkov phase matching scheme. , 2011, , .   |     | 1         |
| 95  | Terahertz Emission from GaAs Films on Si(100) and Si(111) Substrates Grown by Molecular Beam Epitaxy. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 418-425.  | 2.2 | 2         |
| 96  | Intense terahertz emission from undoped GaAs/n-type GaAs and $\text{AlInAs/AlSb}$ structures grown on Si substrates in the transmission-geometry excitation. Applied Physics B: Lasers and Optics, 2011, 103, 825-829.  | 2.2 | 8         |
| 97  | Micro-pulling-down-method-grown Ce:LiCAF crystal for side-pumped laser amplifier. Journal of Crystal Growth, 2011, 318, 737-740.  | 1.5 | 7         |
| 98  | Terahertz emission from indium oxide films on MgO substrates excited at a photon energy below the bandgap. , 2011, , .  |     | 0         |
| 99  | Efficient electro-optic sampling detection and generation of intense THz radiation via Cherenkov-type phase matching in a $\text{LiNbO}_3$ crystal coupled to a Si prism. , 2011, , .                                   |     | 0         |
| 100 | Intense terahertz emission from GaAs and InAs thin films grown on GaSb substrates. , 2011, , .  |     | 0         |
| 101 | Enhancement of terahertz emission from InSb using a lens coupler and magnetic field. , 2011, , .  |     | 0         |
| 102 | ZnO Scintillator Improved Temporal Response for XFEL Timing Observation. , 2010, , .  |     | 0         |
| 103 | Custom-designed scintillator for laser fusion diagnostics â€“ Pr <sup>3+</sup> -doped fluoro-phosphate lithium glass scintillator. Optical Materials, 2010, 32, 1393-1396.  | 3.6 | 11        |
| 104 | Response-time improved hydrothermal-method-grown ZnO scintillator for XFEL timing-observation. Optical Materials, 2010, 32, 1305-1308.  | 3.6 | 13        |
| 105 | Investigation of the terahertz emission characteristics of MBE-grown GaAs-based nanostructures. Optical Materials, 2010, 32, 776-779.   | 3.6 | 1         |
| 106 | Note: Light output enhanced fast response and low afterglow L6i glass scintillator as potential down-scattered neutron diagnostics for inertial confinement fusion. Review of Scientific Instruments, 2010, 81, 106105. | 1.3 | 14        |
| 107 | Response-time improved hydrothermal-method-grown ZnO scintillator for soft x-ray free-electron laser timing-observation. Review of Scientific Instruments, 2010, 81, 033102.  | 1.3 | 25        |
| 108 | Down-scattered neutron imaging detector for areal density measurement of inertial confinement fusion. Review of Scientific Instruments, 2010, 81, 10D303.   | 1.3 | 7         |

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|-----|---|-----|-----------|
| 109 | Numerical Approach for Determination of Cutback Length to Estimate Dispersion and Loss Parameters of Terahertz Waveguides. Japanese Journal of Applied Physics, 2010, 49, 072702.   | 1.5 | 0         |
| 110 | Observation of Complex Optical Processes in ZnSe under Extreme Optical Excitation from a Kilojoule-Class Nd:Glass Laser. Japanese Journal of Applied Physics, 2010, 49, 062601.   | 1.5 | 0         |
| 111 | Er:LiCAF as Potential Vacuum Ultraviolet Laser Material at 163 nm. IEEE Transactions on Nuclear Science, 2010, 57, 1204-1207.   | 2.0 | 24        |
| 112 | $\text{Nd}^{3+}:\text{LaF}_3$ as a Step-Wise Excited Scintillator for Femtosecond Ultraviolet Pulses. IEEE Transactions on Nuclear Science, 2010, 57, 1208-1210.  | 2.0 | 25        |
| 113 | Er:LiCAF as Potential Vacuum Ultraviolet Laser Material at 163 nm. , 2009, , .  |     | 0         |
| 114 | Enhanced terahertz emission from GaAs in MBE-grown InAs/GaAs quantum dot structures. , 2009, , .  |     | 0         |
| 115 | Amplification of Ultraviolet Femtosecond Pulse by a Micro-Pulling Down Method-Grown Ce:LiCAF Crystal in a Prismatic Cell-Type, Side-Pumping Configuration. Japanese Journal of Applied Physics, 2009, 48, 120213.         | 1.5 | 8         |
| 116 | Development of Vacuum Ultraviolet Streak Camera System for the Evaluation of Vacuum Ultraviolet Emitting Materials. Japanese Journal of Applied Physics, 2009, 48, 096503.  | 1.5 | 21        |
| 117 | Vacuum ultraviolet luminescence from a micro-pulling-down method grown $\text{Nd}^{3+}:(\text{La}_{0.9}\text{Ba}_{0.1})\text{F}_{2.9}$ . Journal of Luminescence, 2009, 129, 1629-1631.                                   | 3.1 | 28        |
| 118 | Observation of birefringence in BBO crystals in the terahertz regime. Journal of Crystal Growth, 2009, 311, 895-898.  | 1.5 | 3         |
| 119 | Transmission characteristics of lens-duct and photonic crystal waveguides in the terahertz region. Journal of the Optical Society of America B: Optical Physics, 2009, 26, A95.   | 2.1 | 3         |
| 120 | Strong enhancement of terahertz emission from GaAs in InAs/GaAs quantum dot structures. Applied Physics Letters, 2009, 94, 232104.  | 3.3 | 24        |
| 121 | $\text{Pr}^{3+}$ -doped fluoro-oxide lithium glass as scintillator for nuclear fusion diagnostics. Review of Scientific Instruments, 2009, 80, 113504.  | 1.3 | 41        |
| 122 | Three-photon Lasing from ZnSe Excited by a kilojoule-class Nd:Glass Laser. , 2009, , .  |     | 0         |
| 123 | Transmission of terahertz radiation using a microstructured polymer optical fiber. Optics Letters, 2008, 33, 902.   | 3.3 | 109       |
| 124 | Vacuum ultraviolet optical properties of a micro-pulling-down-method grown $\text{Nd}^{3+}:(\text{La}_{0.9}\text{Ba}_{0.1})\text{F}_{2.9}$ . Journal of the Optical Society of America B: Optical Physics, 2008, 25, B27. | 2.1 | 18        |
| 125 | Laser Quality $\text{Ce}^{3+}:\text{LiCaAlF}_6$ Grown by Micro-Pulling-Down Method. Japanese Journal of Applied Physics, 2008, 47, 5605.  | 1.5 | 22        |
| 126 | Transverse magnetic field polarity effects on the terahertz radiation from GaAs/AlGaAs modulation-doped heterostructures with varying AlGaAs spacer-layer thickness. Journal of Applied Physics, 2008, 104, 073506.       | 2.5 | 5         |



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|-----|--|-----|-----------|
| 127 | Birefringence of $\hat{\Gamma}^2$ -BaB <sub>2</sub> O <sub>4</sub> crystal in the terahertz region for parametric device design. Applied Physics Letters, 2008, 92, .  | 3.3 | 19        |
| 128 | Interband dot-to-well transitions in InAs $\hat{\Gamma}$ -InGaAs dots in a well probed via photocurrent and electroluminescence spectroscopy. Applied Physics Letters, 2008, 92, .   | 3.3 | 2         |
| 129 | Experimental and calculated terahertz spectra of naphthalene and 1,4-dihydroxynaphthalene in the 0.5 - 6 terahertz region. Journal of Physics: Conference Series, 2008, 112, 042073.   | 0.4 | 2         |
| 130 | Terahertz birefringence of $\hat{\Gamma}^2$ -BaB <sub>2</sub> O <sub>4</sub> (BBO) crystal. , 2008, , .  |     | 0         |
| 131 | Optical Properties of Micro-Pulling Down Method Grown Nd <sup>3+</sup> :(La <sub>1-x</sub> ,Ba <sub>x</sub> )F <sub>3-x</sub> as Potential Vacuum Ultraviolet Laser Material and Scintillator. The Review of Laser Engineering, 2008, 36, 1303-1305. | 0.0 | 0         |
| 132 | Micro-pulling down method grown Ce:LiCAF as ultraviolet laser. , 2008, , .   |     | 0         |
| 133 | Nd <sup>3+</sup> :(La <sub>1-x</sub> ,Ba <sub>x</sub> )F <sub>3-x</sub> as vacuum ultraviolet scintillator and new laser material. , 2007, , .   |     | 0         |
| 134 | Nd <sup>3+</sup> :(La <sub>1-x</sub> Ba <sub>x</sub> )F <sub>3-x</sub> Grown by Micro-Pulling Down Method as Vacuum Ultraviolet Scintillator and Potential Laser Material. Japanese Journal of Applied Physics, 2007, 46, L985.                      | 1.5 | 23        |
| 135 | Magnetic-field-induced fourfold azimuthal angle dependence in the terahertz radiation power of (100) InAs. Applied Physics Letters, 2007, 90, 151915.  | 3.3 | 22        |
| 136 | Azimuthal symmetry folding in the terahertz radiation power of (100) p-InAs under 1 Tesla magnetic field. , 2007, , .  |     | 0         |
| 137 | Nd <sup>3+</sup> :(La <sub>1-x</sub> ,Ba <sub>x</sub> )F <sub>3-x</sub> as Vacuum Ultraviolet Scintillator and New Laser Material. , 2007, , .   |     | 0         |
| 138 | Numerical calculations of the Frequency Spectra of naphthalene and 1,4-dihydroxynaphthalene in the 0.5-to 6 terahertz region. , 2007, , .  |     | 0         |
| 139 | Planar terahertz waveguide using CYTOP; a highly transparent plastic feasible for hybrid optics applications. , 2007, , .  |     | 0         |
| 140 | Nd <sup>3+</sup> :(La <sub>1-x</sub> , Ba <sub>x</sub> )F <sub>3-x</sub> Grown via Micro-PD as New Vacuum Ultraviolet Scintillator and Potential Laser Material. , 2007, , .   |     | 0         |
| 141 | Proposed design principle of fluoride-based materials for deep ultraviolet light emitting devices. Optical Materials, 2007, 30, 15-17.   | 3.6 | 45        |
| 142 | Improvement of the Photoluminescence Decay Response Characteristics of an Oxide-confined Vertical Cavity Surface Emitting Laser Probed by Femtosecond Laser Pulses. Springer Series in Optical Sciences, 2007, , 325-331.                            | 0.7 | 0         |
| 143 | Action Spectra of GaAs/AlGaAs Multiple Quantum Wells Exhibiting Terahertz Emission Peak at Excitation Energies Below the Bandgap. Springer Series in Optical Sciences, 2007, , 307-315.  | 0.7 | 0         |
| 144 | Terahertz (THz) Pigtail Assembly Utilizing a Lens Duct for Effective Coupling of THz Radiation into Teflon Photonic Crystal Fiber Waveguide. Springer Series in Optical Sciences, 2007, , 293-299.   | 0.7 | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
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