# Tooru Tanaka

List of Publications by Year
in descending order

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| 344 | 6,898 | 81900 | 91884 |
|---|---|---|---|
| papers | citations | 39 h-index | 69 g-index |

| 385 | 385 | 385 | 6331 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Shortest wavelength semiconductor laser diode. Electronics Letters, 1996, 32, 1105. | 1.0 | 453 |
| 2 | Preparation of Cu2ZnSnS4 thin films by hybrid sputtering. Journal of Physics and Chemistry of Solids, 2005, 66, 1978-1981. | 4.0 | 315 |
| 3 | Synaptic coupling into the production and storage of a neuronal memory trace. Nature, 1975, 258, 155-157. | 27.8 | 228 |
| 4 | Fabrication of Cu2ZnSnS4 thin films by co-evaporation. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2844-2847. | 0.8 | 204 |
| 5 | High guanine plus cytosine content in the third letter of codons of an extreme thermophile. DNA sequence of the isopropylmalate dehydrogenase of Thermus thermophilus. Journal of Biological Chemistry, 1984, 259, 2956-60. | 3.4 | 173 |
| 6 | Wide bandgap engineering of (AlGa)2O3 films. Applied Physics Letters, 2014, 105, . | 3.3 | 161 |
| 7 | Influence of composition ratio on properties of Cu2ZnSnS4 thin films fabricated by co-evaporation. Thin Solid Films, 2010, 518, S29-S33. | 1.8 | 155 |
| 8 | FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. Astrophysical Journal, 2009, 707, 55-60. | 4.5 | 153 |
| 9 | Reduction of interface-state density in 4Hâ€“SiCâ€,n-type metalâ€“oxideâ€“semiconductor structures using high-temperature hydrogen annealing. Applied Physics Letters, 2000, 76, 1585-1587. | 3.3 | 152 |
| 10 | Structural and optical properties of Ga2O3 films on sapphire substrates by pulsed laser deposition. Journal of Crystal Growth, 2014, 387, 96-100. | 1.5 | 134 |
| 11 | Suppression by citrus auraptene of phorbol ester- and endotoxin-induced inflammatory responses: role of attenuation of leukocyte activation. Carcinogenesis, 2000, 21, 1843-1850. | 2.8 | 89 |
| 12 | Existence and removal of Cu2Se second phase in coevaporated Cu2ZnSnSe4 thin films. Journal of Applied Physics, 2012, 111, . | 2.5 | 87 |
| 13 | (Cd,Zn)S thin films prepared by chemical bath deposition for photovoltaic devices. Thin Solid Films, 1996, 281-282, 375-378. | 1.8 | 82 |
| 14 | MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. Astrophysical Journal, 2009, 707, 727-737. | 4.5 | 81 |
| 15 | Nasal T/NK cell lymphomas commonly express perforin and Fas ligand: important mediators of tissue damage. Histopathology, 1997, 31, 444-450. | 2.9 | 76 |
| 16 | Electrical properties and emission mechanisms of Zn-doped Î²-Ga2O3 films. Journal of Physics and Chemistry of Solids, 2014, 75, 1201-1204. | 4.0 | 73 |
| 17 | Early-stage formation of an epigenetic field defect in a mouse colitis model, and non-essential roles of T- and B-cells in DNA methylation induction. Oncogene, 2012, 31, 342-351. | 5.9 | 69 |
| 18 | Synthesis of Copperâ€“Antimony-Sulfide Nanocrystals for Solution-Processed Solar Cells. Inorganic Chemistry, 2015, 54, 7840-7845. | 4.0 | 68 |

| # | Article | IF | Citations |
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| 19 | Combined endobronchial and endoscopic ultrasound-guided fine needle aspiration for mediastinal nodal staging of lung cancer. Endoscopy, 2011, 43, 1082-1089. | 1.8 | 64 |
| 20 | Wide bandgap engineering of (GaIn)2O3 films. Solid State Communications, 2014, 186, 28-31. | 1.9 | 63 |
| 21 | Photocurrent induced by two-photon excitation in ZnTeO intermediate band solar cells. Applied Physics Letters, 2013, 102, . | 3.3 | 61 |
| 22 | Molecular beam epitaxial growth and optical properties of highly mismatched ZnTe1â^'xOx alloys. Applied Physics Letters, 2012, 100, . | 3.3 | 60 |
| 23 | Toward controlling the carrier density of Si doped Ga2O3 films by pulsed laser deposition. Applied Physics Letters, 2016, 109, . | 3.3 | 60 |
| 24 | Comprehensive gene expression profiling of anaplastic thyroid cancers with cDNA microarray of 25 344 genes. Endocrine-Related Cancer, 2004, 11, 843-854. | 3.1 | 59 |
| 25 | Effects of Various Insecticides on the Development of the Egg Parasitoid <I>Trichogramma dendrolimi</I> (Hymenoptera: Trichogrammatidae). Journal of Economic Entomology, 2001, 94, 1340-1343. | 1.8 | 58 |
| 26 | Preparation and characterization of (Cd,Zn)S thin films by chemical bath deposition for photovoltaic devices. Thin Solid Films, 1999, 343-344, 516-519. | 1.8 | 57 |
| 27 | Delineation of clinical features in Wiedemannâ€“Steiner syndrome caused by <scp>KMT2A</scp> mutations. Clinical Genetics, 2016, 89, 115-119. | 2.0 | 56 |
| 28 | Fault structure and detailed evolution of a slow spreading ridge segment: the Mid-Atlantic Ridge at 29Â°N. Earth and Planetary Science Letters, 1998, 154, 167-183. | 4.4 | 55 |
| 29 | Improved Electrical Properties for Metalorganic Vapour Phase Epitaxial InN Films. Physica Status Solidi A, 2002, 194, 510-514. | 1.7 | 55 |
| 30 | Comparison of Behavior and Performance of Laying Hens Housed in Battery Cages and an Aviary. Poultry Science, 1992, 71, 235-243. | 3.4 | 53 |
| 31 | Observation of visible luminescence from indium nitride at room temperature. Applied Physics Letters, 2005, 86, 231913. | 3.3 | 53 |
| 32 | Immunomodulatory action of citrus auraptene on macrophage functions and cytokine production of lymphocytes in female BALB/c mice. Carcinogenesis, 1999, 20, 1471-1476. | 2.8 | 52 |
| 33 | Band alignment of Ga2O3/Si heterojunction interface measured by X-ray photoelectron spectroscopy. Applied Physics Letters, 2016, 109, . | 3.3 | 52 |
| 34 | Electrical properties of Si doped Ga2O3 films grown by pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2015, 26, 9624-9629. | 2.2 | 51 |
| 35 | Fabrication of ZnTe Light-Emitting Diodes Using Bridgman-Grown Substrates. Japanese Journal of Applied Physics, 2003, 42, L362-L364. | 1.5 | 48 |
| 36 | Observation of ultra-broadband terahertz emission from ZnTe films grown by metaloganic vapor epitaxy. Solid State Communications, 2007, 141, 188-191. | 1.9 | 47 |

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| 37 | Effects of dopant contents on structural, morphological and optical properties of Er doped Ga2O3 films. Superlattices and Microstructures, 2016, 90, 207-214. | 3.1 | 47 |
| 38 | Influence of the Substrate, Process Conditions, and Postannealing Temperature on the Properties of ZnO Thin Films Grown by the Successive Ionic Layer Adsorption and Reaction Method. ACS Omega, 2021, 6, 2665-2674. | 3.5 | 46 |
| 39 | Lowâ€latitude ionospheric disturbances: Results for March 22, 1979, and their general characteristics. Geophysical Research Letters, 1986, 13, 1399-1402. | 4.0 | 44 |
| 40 | Biochemical and morphological study of cardiac hypertrophy. Effects of thyroxine on enzyme activities in the rat myocardium. Basic Research in Cardiology, 1985, 80, 165-174. | 5.9 | 42 |
| 41 | A toxicokinetic analysis in a patient with acute glufosinate poisoning. Human and Experimental Toxicology, 1999, 18, 305-308. | 2.2 | 40 |
| 42 | Demonstration of homojunction ZnTe solar cells. Journal of Applied Physics, 2010, 108, . | 2.5 | 40 |
| 43 | Characterization of CuInS2 thin films prepared by sputtering from binary compounds. Solar Energy Materials and Solar Cells, 1997, 49, 399-405. | 6.2 | 38 |
| 44 | Solution-Processed Cu<sub>2</sub>ZnSnS<sub>4</sub> Nanocrystal Solar Cells: Efficient Stripping of Surface Insulating Layers Using Alkylating Agents. Journal of Physical Chemistry C, 2014, 118, 804-810. | 3.1 | 38 |
| 45 | Structural and Optical Properties of AlInN Films Grown on Sapphire Substrates. Japanese Journal of Applied Physics, 2008, 47, 612-615. | 1.5 | 37 |
| 46 | Demonstration of ZnTe<sub>1-x</sub>O<sub>x</sub> Intermediate Band Solar Cell. Japanese Journal of Applied Physics, 2011, 50, 082304. | 1.5 | 37 |
| 47 | Energy band bowing parameter in MgZnO alloys. Applied Physics Letters, 2015, 107, . | 3.3 | 37 |
| 48 | Low temperature growth of europium doped Ga2O3 luminescent films. Journal of Crystal Growth, 2015, 430, 28-33. | 1.5 | 36 |
| 49 | Fabrication and characterization of CuIn(SxSe1â^'x)2 thin films deposited by r.f. sputtering. Thin Solid Films, 1996, 281-282, 372-374. | 1.8 | 35 |
| 50 | Fabrication of ZnTe Nanohole Arrays by Reactive Ion Etching Using Anodic Alumina Templates. Japanese Journal of Applied Physics, 2002, 41, L118-L120. | 1.5 | 35 |
| 51 | Oral Administration of Dihomoâ€Î³â€Linolenic Acid Prevents Development of Atopic Dermatitis in NC/Nga Mice. Lipids, 2008, 43, 37-43. | 1.7 | 35 |
| 52 | Primary malignant lymphoma of the brain: An immunohistochemical study of eight cases using a panel of monoclonal and heterologous antibodies. Acta Neuropathologica, 1986, 71, 190-196. | 7.7 | 34 |
| 53 | The First Largeâ€Scale Nucleic Acid Amplification Testing (NAT) of Donated Blood Using Multiplex Reagent for Simultaneous Detection of HBV, HCV, and HIVâ€1 and Significance of NAT for HBV. Microbiology and Immunology, 2001, 45, 667-672. | 1.4 | 34 |
| 54 | Testing the applicability of a kinematic wave-based distributed hydrological model in two climatically contrasting catchments. Hydrological Sciences Journal, 2015, 60, 1361-1373. | 2.6 | 34 |

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| 55 | Enhanced Light Output from ZnTe Light Emitting Diodes by Utilizing Thin Film Structure. Applied Physics Express, 2009, 2, 122101. | 2.4 | 33 |
| 56 | Optimized Perturbation Theory for Wave Functions of Quantum Systems. Physical Review Letters, 1997, 78, 3229-3232. | 7.8 | 32 |
| 57 | Advanced TFT SRAM cell technology using a phase-shift lithography. IEEE Transactions on Electron Devices, 1995, 42, 1305-1313. | 3.0 | 31 |
| 58 | Machinability of Hypereutectic Silicon-Aluminum Alloys. Journal of Materials Engineering and Performance, 1999, 8, 463-468. | 2.5 | 31 |
| 59 | Observation of low voltage driven green emission from erbium doped Ga2O3 light-emitting devices. Applied Physics Letters, 2016, 109, . | 3.3 | 29 |
| 60 | Lower temperature growth of single phase MgZnO films in all Mg content range. Journal of Alloys and Compounds, 2015, 627, 383-387. | 5.5 | 28 |
| 61 | Water surface measurement in a shallow channel using the transmitted image of a grating. Review of Scientific Instruments, 1990, 61, 736-739. | 1.3 | 27 |
| 62 | Optical Bandgap Energy of Wurtzite In-Rich AlInN Alloys. Japanese Journal of Applied Physics, 2003, 42, L141-L143. | 1.5 | 27 |
| 63 | Influence of substrate temperature on the properties of (AlGa)2O3 thin films prepared by pulsed laser deposition. Ceramics International, 2016, 42, 12783-12788. | 4.8 | 27 |
| 64 | Distinct gene expression patterns of peripheral blood cells in hyper-IgE syndrome. Clinical and Experimental Immunology, 2005, 140, 524-531. | 2.6 | 26 |
| 65 | Role of endogenous pituitary adenylate cyclase-activating polypeptide in adult hippocampal neurogenesis. Neuroscience, 2011, 172, 554-561. | 2.3 | 26 |
| 66 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi></mml:math>Electron Contribution to the Change of Electronic Structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeRu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Si</mml:mi><mml:mi><mml:r Temperature: A Compton Scattering Study. Physical Review Letters, 2011, 106, 136401. | 7.8 | 26 |
| 67 | Temperature dependence of luminescence spectra in europium doped Ga2O3 film. Journal of Luminescence, 2016, 177, 48-53. | 3.1 | 26 |
| 68 | The worldwide distribution of positive ionospheric storms. Journal of Atmospheric and Solar-Terrestrial Physics, 1979, 41, 103-110. | 0.9 | 25 |
| 69 | Photogenerated Current By Two-Step Photon Excitation in ZnTeO Intermediate Band Solar Cells with n-ZnO Window Layer. IEEE Journal of Photovoltaics, 2014, 4, 196-201. | 2.5 | 25 |
| 70 | Realization of red electroluminescence from Ga2O3:Eu/Si based light-emitting diodes. Superlattices and Microstructures, 2021, 150, 106814. | 3.1 | 25 |
| 71 | Biosynthesis of bacterial glycogen. Use of site-directed mutagenesis to probe the role of tyrosine 114 in the catalytic mechanism of ADP-glucose synthetase from Escherichia coli. Journal of Biological Chemistry, 1988, 263, 14634-9. | 3.4 | 25 |
| 72 | Temperature dependence of Raman scattering in Î²-(AlGa)2O3 thin films. AIP Advances, 2016, 6, . | 1.3 | 24 |

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| 73 | Microscopic investigations of aluminum nitride thin films grown by low-temperature reactive sputtering. Thin Solid Films, 2005, 483, 16-20. | 1.8 | 23 |
| 74 | Efficient pure green emission from Er-doped Ga<sub>2</sub>O<sub>3</sub> films. CrystEngComm, 2017, 19, 4448-4458. | 2.6 | 23 |
| 75 | Preparation of Ordered Vacancy Chalcopyrite Thin Films by RF Sputtering fromCuInSe2Target withNa2Se. Japanese Journal of Applied Physics, 1996, 35, 2779-2781. | 1.5 | 22 |
| 76 | Growth and optical properties of high-quality ZnTe homoepitaxial layers by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2003, 248, 43-49. | 1.5 | 22 |
| 77 | Reactive sputter deposition of AlInN thin films. Journal of Crystal Growth, 2007, 300, 151-154. | 1.5 | 22 |
| 78 | Fabrication of InGaAs strained quantum wires using selective MOCVD growth on SiO2-patterned GaAs substrate. Journal of Crystal Growth, 1992, 124, 502-506. | 1.5 | 21 |
| 79 | Characteristics of reactive ion etching for zinc telluride using CH4 and H2 gases. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 2232-2234. | 2.1 | 21 |
| 80 | Heteroepitaxial growth of gallium nitride on (111)GaAs substrates by radio frequency magnetron sputtering. Journal of Crystal Growth, 2002, 237-239, 1079-1083. | 1.5 | 21 |
| 81 | Decreased level of interleukin-10-producing B cells in patients with pemphigus but not in patients with pemphigoid. British Journal of Dermatology, 2017, 176, 1204-1212. | 1.5 | 21 |
| 82 | Inhibitory effect of dietary p-methoxybenzeneselenol on azoxymethane-induced colon and kidney carcinogenesis in female F344 rats. Journal of the National Cancer Institute, 1985, 74, 1325-8. | 6.3 | 21 |
| 83 | Urinary excretion of a large amount of bound sialic acid and of undersulfated chondroitin sulfate a by patients with the lowe syndrome. Clinica Chimica Acta, 1978, 89, 119-125. | 1.1 | 20 |
| 84 | X-ray absorption near-edge fine structure study of AlInN semiconductors. Applied Physics Letters, 2005, 86, 111911. | 3.3 | 20 |
| 85 | Growth properties of AlN films on sapphire substrates by reactive sputtering. Vacuum, 2006, 80, 716-718. | 3.5 | 20 |
| 86 | Effect of antioxidants on radical intensity and cytotoxic activity of eugenol. Anticancer Research, 1998, 18, 1549-52. | 1.1 | 20 |
| 87 | Behavioral Responses of Hens to Simulated Dawn and Dusk Periods. Poultry Science, 1991, 70, 483-488. | 3.4 | 19 |
| 88 | Electroluminescence and photoluminescence characteristics in ZnTe LED fabricated by Al thermal diffusion. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 1026-1029. | 0.8 | 19 |
| 89 | A boundary reconstruction scheme for lattice Boltzmann flow simulation in porous media. Progress in Computational Fluid Dynamics, 2009, 9, 201. | 0.2 | 19 |
| 90 | Low-temperature buffer layer effects on the quality of ZnTe epilayers grown on sapphire substrates. Journal of Applied Physics, 2010, 107, . | 2.5 | 19 |

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| 91 | Characteristics of thulium doped gallium oxide films grown by pulsed laser deposition. Thin Solid Films, 2017, 639, 123-126. | 1.8 | 19 |
| 92 | Biochemical activities of nine lysosomal enzymes in T and non-T lymphocytes. FEBS Letters, 1979, 104, 161-164. | 2.8 | 18 |
| 93 | Low-temperature growth of aluminum nitride on sapphire substrates. Journal of Crystal Growth, 2003, 257, 123-128. | 1.5 | 18 |
| 94 | Effect of VI/II ratio upon photoluminescence and electrical properties of phosphorus-doped ZnTe films grown by metalorganic vapor phase epitaxy. Thin Solid Films, 2011, 520, 743-746. | 1.8 | 18 |
| 95 | Electronic structure of GaInN semiconductors investigated by x-ray absorption spectroscopy. Applied Physics Letters, 2011, 98, . | 3.3 | 18 |
| 96 | Cu2ZnSnS4 alloys synthesized from Cu2SnS3@ZnS nanoparticles via a facile hydrothermal approach. Materials Letters, 2014, 125, 167-170. | 2.6 | 18 |
| 97 | Effects of a semiconductor matrix on the band anticrossing in dilute group II-VI oxides. Semiconductor Science and Technology, 2015, 30, 085018. | 2.0 | 18 |
| 98 | Strategy toward white LEDs based on vertically integrated rare earth doped Ga2O3 films. Applied Physics Letters, 2021, 119, . | 3.3 | 18 |
| 99 | Preparation of Cu(In,Ga)2Se3.5 thin films by radio frequency sputtering from stoichiometric Cu(In,Ga)Se2 and Na2Se mixture target. Journal of Applied Physics, 1997, 81, 7619-7622. | 2.5 | 17 |
| 100 | Effects of Dry Processing on Optical Properties of Zinc Telluride. Japanese Journal of Applied Physics, 2002, 41, 5069-5072. | 1.5 | 17 |
| 101 | Effect of Cl ion implantation on electrical properties of CuInSe thin films. Solar Energy Materials and Solar Cells, 2003, 75, 109-113. | 6.2 | 17 |
| 102 | Photoluminescence of iodine-doped ZnTe homoepitaxial layer grown by metalorganic vapor phase epitaxy. Journal of Applied Physics, 2003, 93, 5302-5306. | 2.5 | 17 |
| 103 | Essentials of surgical treatment for intramasseteric hemangioma. European Archives of Oto-Rhino-Laryngology, 1995, 252, 125-9. | 1.6 | 16 |
| 104 | Observation of enhanced lateral confinement of excitons in GaAs quantum wires with various sizes (7â€“30 nm) by magnetophotoluminescence measurements. Applied Physics Letters, 1995, 66, 2502-2504. | 3.3 | 16 |
| 105 | Toward the understanding of annealing effects on (GaIn)2O3 films. Thin Solid Films, 2015, 578, 1-6. | 1.8 | 16 |
| 106 | The impact of dopant contents on structures, morphologies and optical properties of Eu doped Ga2O3 films on GaAs substrate. Journal of Luminescence, 2018, 194, 374-378. | 3.1 | 16 |
| 107 | Yellow emission from vertically integrated Ga2O3 doped with Er and Eu electroluminescent film. Journal of Luminescence, 2021, 235, 118051. | 3.1 | 16 |
| 108 | Characterization of Cu(InxGa1â^'x)2Se3.5 thin films prepared by rf sputtering. Solar Energy Materials and Solar Cells, 1998, 50, 13-18. | 6.2 | 15 |

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|---|---|---|---|
| 109 | Preparation of CuInSe2 thin films with large grain by excimer laser ablation. Solar Energy Materials and Solar Cells, 1998, 50, 7-12. | 6.2 | 15 |
| 110 | Effect of 8MeV electron irradiation on electrical properties of CuInSe thin films. Solar Energy Materials and Solar Cells, 2003, 75, 115-120. | 6.2 | 15 |
| 111 | Properties of InGaN Films Grown by Reactive Sputtering. Japanese Journal of Applied Physics, 2010, 49, 081203. | 1.5 | 15 |
| 112 | Molecular beam epitaxial growth of ZnCdTeO epilayers for intermediate band solar cells. Journal of Crystal Growth, 2013, 378, 259-262. | 1.5 | 15 |
| 113 | Thermal annealing impact on crystal quality of (GaIn)2O3 alloys. Journal of Alloys and Compounds, 2014, 614, 173-176. | 5.5 | 15 |
| 114 | Two-Photon Absorption in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>GaAs</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">P</mml:mi></mml:mrow><mml:mrow><mml:mi>y</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">N</mml:mi></mml:mrow><mml:mrow><mml:mi>x</mml:mi></mml:mrow><. Physical Review Applied, 2015, 3, . | 3.8 | 15 |
| 115 | Influence of oxygen flow rate and substrate positions on properties of Cu-oxide thin films fabricated by radio frequency magnetron sputtering using pure Cu target. Thin Solid Films, 2019, 675, 59-65. | 1.8 | 15 |
| 116 | A case of Menkes syndrome with cataracts. European Journal of Pediatrics, 1982, 138, 357-358. | 2.7 | 14 |
| 117 | Inhibition by Dietary Benzylselenocyanate of Hepatocarcinogenesis Induced by Azoxymethane in Fischer 344 Rats1. Japanese Journal of Cancer Research, 1989, 80, 952-957. | 1.7 | 14 |
| 118 | An experimental 220-MHz 1-Gb DRAM with a distributed-column-control architecture. IEEE Journal of Solid-State Circuits, 1995, 30, 1165-1173. | 5.4 | 14 |
| 119 | Laser-Assisted Metalorganic Vapor-Phase Epitaxy (LMOVPE) of Indium Nitride (InN). Physica Status Solidi A, 2002, 194, 502-505. | 1.7 | 14 |
| 120 | Reactive Ion Etching of Zinc Oxide Using Methane and Hydrogen. Japanese Journal of Applied Physics, 2006, 45, 8597-8599. | 1.5 | 14 |
| 121 | High Forbidden-to-resonance Line Ratio of O vii Discovered from the Cygnus Loop. Astrophysical Journal, 2019, 871, 234. | 4.5 | 14 |
| 122 | Aging effects in 16 years on mechanical properties of commercial polymers (Technical Report). Pure and Applied Chemistry, 1992, 64, 1945-1958. | 1.9 | 13 |
| 123 | Photoluminescence of Cl-doped ZnTe epitaxial layer grown by atmospheric pressure metalorganic vapor phase epitaxy. Journal of Applied Physics, 2003, 94, 1527-1530. | 2.5 | 13 |
| 124 | Genotype in human CD36 deficiency and diabetes mellitus. Diabetic Medicine, 2004, 21, 952-953. | 2.3 | 13 |
| 125 | Band alignment of ZnTe/GaAs heterointerface investigated by synchrotron radiation photoemission spectroscopy. Applied Physics Letters, 2013, 102, 092107. | 3.3 | 13 |
| 126 | Multicolor Electroluminescence from Intermediate Band Solar Cell Structures. Advanced Energy Materials, 2016, 6, 1501820. | 19.5 | 13 |

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| 127 | Realisation of resistive-sheet type wave absorber in 60 GHz frequency band. Electronics Letters, 1994, 30, 657-658. | 1.0 | 12 |
| 128 | Postprandial normal saline intake delays gastric emptying of solids in conscious dogs: partial involvement of CCK in its mechanism. Digestive Diseases and Sciences, 1999, 44, 1516-1524. | 2.3 | 12 |
| 129 | Effect of Mg ion implantation on electrical properties of CuInSe2 thin films. Journal of Applied Physics, 2000, 87, 3283-3286. | 2.5 | 12 |
| 130 | Effect of GaN buffer layer on crystallinity of InN grown on (111)GaAs. Journal of Crystal Growth, 2002, 237-239, 1032-1036. | 1.5 | 12 |
| 131 | Structural Properties of ZnTe Epilayers Grown on (0001) Î±-Al<sub>2</sub>O<sub>3</sub> Substrates by Metalorganic Vapor Phase Epitaxy. Japanese Journal of Applied Physics, 2007, 46, 7221. | 1.5 | 12 |
| 132 | Growth and characterization of ZnTe epilayers on (100) GaAs substrates by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2007, 298, 445-448. | 1.5 | 12 |
| 133 | Effects of Salts in Methyl Difluoroacetateâ€based Electrolytes on their Thermal Stability in Lithiumâ€ion Batteries. Fuel Cells, 2009, 9, 269-272. | 2.4 | 12 |
| 134 | Surface morphology and optical properties of ZnTe epilayers on GaAs substrates by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2009, 311, 970-973. | 1.5 | 12 |
| 135 | Recombination dynamics and carrier lifetimes in highly mismatched ZnTeO alloys. Applied Physics Letters, 2013, 103, . | 3.3 | 12 |
| 136 | Threeâ€dimensional power Doppler with silhouette mode for diagnosis of malignant ovarian tumors. Ultrasound in Obstetrics and Gynecology, 2016, 48, 806-808. | 1.7 | 12 |
| 137 | Improved Open-Circuit Voltage and Photovoltaic Properties of ZnTeO-Based Intermediate Band Solar Cells With n-Type ZnS Layers. IEEE Journal of Photovoltaics, 2017, 7, 1024-1030. | 2.5 | 12 |
| 138 | Structural properties of Eu doped gallium oxide films. Materials Research Bulletin, 2017, 94, 170-173. | 5.2 | 12 |
| 139 | Temperature-dependent Raman scattering in cubic (InGa)2O3 thin films. Journal of Alloys and Compounds, 2017, 690, 287-292. | 5.5 | 12 |
| 140 | Effect of oxygen flow rate on properties of Cu4O3 thin films fabricated by radio frequency magnetron sputtering. Journal of Applied Physics, 2020, 127, . | 2.5 | 12 |
| 141 | An Immunohistochemical Study of bcl-2 and p53 Protein Expression in Pancreatic Carcinomas. Scandinavian Journal of Gastroenterology, 1998, 33, 535-539. | 1.5 | 11 |
| 142 | Fabrication of Indium Nitride Nanodots Using Anodic Alumina Templates. Japanese Journal of Applied Physics, 2003, 42, L508-L510. | 1.5 | 11 |
| 143 | Effect of surface treatment on properties of ZnTe LED fabricated by Al thermal diffusion. Physica Status Solidi (B): Basic Research, 2006, 243, 959-962. | 1.5 | 11 |
| 144 | Effects of dopant transport rate upon photoluminescence and electrical properties of ZnTe in atmospheric pressure MOVPE using tris-dimethylaminophosphorus. Journal of Crystal Growth, 2007, 298, 437-440. | 1.5 | 11 |

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| 145 | ZnTe-Based Light-Emitting Diodes Fabricated by Solid-State Diffusion of Al through Al Oxide Layer. Japanese Journal of Applied Physics, 2009, 48, 022203. | 1.5 | 11 |
| 146 | Cl-doping effect in ZnTe1-xOx highly mismatched alloys for intermediate band solar cells. Journal of Applied Physics, 2019, 125, 243109. | 2.5 | 11 |
| 147 | Inhibition by dietary organoselenium, p-methoxybenzene-selenol, of hepatocarcinogenesis induced by azoxymethane in rats. Japanese Journal of Cancer Research, 1985, 76, 462-7. | 1.7 | 11 |
| 148 | Research Note: The Behavior of Young Layers During the First Two Weeks in Aviary and Battery Cages. Poultry Science, 1991, 70, 404-407. | 3.4 | 10 |
| 149 | Detection of fecal blood by colloidal gold agglutination using an anti-human hemoglobin monoclonal antibody. Journal of Immunological Methods, 1992, 153, 185-192. | 1.4 | 10 |
| 150 | A Polymorphism of DRD2 Gene and Brain Atrophy in Methamphetamine Psychosis. Annals of the New York Academy of Sciences, 2004, 1025, 307-315. | 3.8 | 10 |
| 151 | Optical and electrical properties of phosphorus-doped ZnMgTe bulk crystals grown by Bridgman method. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2673-2676. | 0.8 | 10 |
| 152 | Fabrication of ZnTe Light-Emitting Diode by Al Thermal Diffusion through Surface Oxidation Layer. Japanese Journal of Applied Physics, 2008, 47, 8408. | 1.5 | 10 |
| 153 | Epitaxial growth of (AlxGa1â^'x)2O3 thin films on sapphire substrates by plasma assisted pulsed laser deposition. AIP Advances, 2021, 11, 035319. | 1.3 | 10 |
| 154 | Pulsed laser deposition growth of ultra-wide bandgap GeO2 film and its optical properties. Applied Physics Letters, 2021, 119, . | 3.3 | 10 |
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