

Hitoshi Tampo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5585850/publications.pdf>

Version: 2024-02-01

123
papers

3,126
citations

136950

32
h-index

168389

53
g-index

123
all docs

123
docs citations

123
times ranked

3298
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | ZnO transparent conducting films deposited by pulsed laser deposition for solar cell applications. Thin Solid Films, 2003, 431-432, 369-372. | 1.8 | 237 |
| 2 | How small amounts of Ge modify the formation pathways and crystallization of kesterites. Energy and Environmental Science, 2018, 11, 582-593. | 30.8 | 169 |
| 3 | Band-gap modified Al-doped Zn _{1-x} Mg _x O transparent conducting films deposited by pulsed laser deposition. Applied Physics Letters, 2004, 85, 1374-1376. | 3.3 | 131 |
| 4 | Polarization-induced two-dimensional electron gases in ZnMgO/ZnO heterostructures. Applied Physics Letters, 2008, 93, . | 3.3 | 131 |
| 5 | Improvement of voltage deficit of Ge-incorporated kesterite solar cell with 12.3% conversion efficiency. Applied Physics Express, 2016, 9, 102301. | 2.4 | 129 |
| 6 | Direct Observation of Nitrogen Location in Molecular Beam Epitaxy Grown Nitrogen-Doped ZnO. Physical Review Letters, 2006, 96, 045504. | 7.8 | 119 |
| 7 | Two-dimensional electron gas in Zn polar ZnMgO/ZnO heterostructures grown by radical source molecular beam epitaxy. Applied Physics Letters, 2006, 89, 132113. | 3.3 | 118 |
| 8 | Quantitative determination of optical and recombination losses in thin-film photovoltaic devices based on external quantum efficiency analysis. Journal of Applied Physics, 2016, 120, . | 2.5 | 105 |
| 9 | Ge-incorporated Cu ₂ ZnSnSe ₄ thin-film solar cells with efficiency greater than 10%. Solar Energy Materials and Solar Cells, 2016, 144, 488-492. | 6.2 | 95 |
| 10 | Degenerate layers in epitaxial ZnO films grown on sapphire substrates. Applied Physics Letters, 2004, 84, 4412-4414. | 3.3 | 65 |
| 11 | Determination of crystallographic polarity of ZnO layers. Applied Physics Letters, 2005, 87, 141904. | 3.3 | 63 |
| 12 | Improved External Efficiency InGaN-Based Light-Emitting Diodes with Transparent Conductive Ga-Doped ZnO as p-Electrodes. Japanese Journal of Applied Physics, 2004, 43, L180-L182. | 1.5 | 59 |
| 13 | Improvement of ZnO TCO film growth for photovoltaic devices by reactive plasma deposition (RPD). Thin Solid Films, 2005, 480-481, 199-203. | 1.8 | 57 |
| 14 | Effect of Rapid Thermal Annealing on Al Doped ZnO Films Grown by RF-Magnetron Sputtering. Japanese Journal of Applied Physics, 2005, 44, 4776-4779. | 1.5 | 56 |
| 15 | Strong excitonic transition of Zn _{1-x} Mg _x O alloy. Applied Physics Letters, 2007, 91, . | 3.3 | 55 |
| 16 | Growth and electrical properties of ZnO thin films deposited by novel ion plating method. Thin Solid Films, 2003, 445, 274-277. | 1.8 | 51 |
| 17 | Strong photoluminescence emission from polycrystalline GaN layers grown on W, Mo, Ta, and Nb metal substrates. Applied Physics Letters, 2001, 78, 2849-2851. | 3.3 | 49 |
| 18 | Photoluminescence characterization of Zn _{1-x} Mg _x O epitaxial thin films grown on ZnO by radical source molecular beam epitaxy. Applied Physics Letters, 2007, 90, 124104. | 3.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Growth and characterization of coevaporated Cu ₂ SnSe ₃ thin films for photovoltaic applications. Thin Solid Films, 2013, 536, 111-114. | 1.8 | 49 |
| 20 | Excitation-Power Dependence of Free Exciton Photoluminescence of Semiconductors. Japanese Journal of Applied Physics, 2005, 44, 6113-6114. | 1.5 | 48 |
| 21 | Negative thermal quenching of photoluminescence in ZnO. Physica B: Condensed Matter, 2006, 376-377, 711-714. | 2.7 | 46 |
| 22 | Formation of Hexagonal Pyramids and Pits on V-/VI-Polar and III-/II-Polar GaN/ZnO Surfaces by Wet Etching. Journal of the Electrochemical Society, 2010, 157, D60. | 2.9 | 46 |
| 23 | Dielectric functions of Cu ₂ ZnSnSe ₄ and Cu ₂ SnSe ₃ semiconductors. Journal of Applied Physics, 2015, 117, 015702. | 2.5 | 40 |
| 24 | Tail state formation in solar cell materials: First principles analyses of zincblende, chalcopyrite, kesterite, and hybrid perovskite crystals. Physical Review Materials, 2018, 2, . | 2.4 | 39 |
| 25 | Effect of band offset on the open circuit voltage of heterojunction CuIn _{1-x} Ga _x Se ₂ solar cells. Applied Physics Letters, 2004, 85, 5607-5609. | 3.3 | 38 |
| 26 | Improvement of minority carrier lifetime and conversion efficiency by Na incorporation in Cu ₂ ZnSnSe ₄ solar cells. Journal of Applied Physics, 2017, 122, . | 2.5 | 37 |
| 27 | Magnetic and optical properties of GaMnN grown by ammonia-source molecular-beam epitaxy. Journal of Crystal Growth, 2003, 252, 499-504. | 1.5 | 36 |
| 28 | Improving the Open Circuit Voltage through Surface Oxygen Plasma Treatment and 11.7% Efficient Cu ₂ ZnSnSe ₄ Solar Cell. ACS Applied Materials & Interfaces, 2019, 11, 13319-13325. | 8.0 | 36 |
| 29 | Characterization of Zn _{1-x} Mg _x O transparent conducting thin films fabricated by multi-cathode RF-magnetron sputtering. Thin Solid Films, 2010, 518, 2949-2952. | 1.8 | 34 |
| 30 | Physical routes for the synthesis of kesterite. JPhys Energy, 2019, 1, 042003. | 5.3 | 34 |
| 31 | Very strong photoluminescence emission from GaN grown on amorphous silica substrate by gas source MBE. Journal of Crystal Growth, 1999, 201-202, 371-375. | 1.5 | 33 |
| 32 | The effects of thermal treatments on the electrical properties of phosphorus doped ZnO layers grown by MBE. Journal of Crystal Growth, 2005, 278, 268-272. | 1.5 | 33 |
| 33 | High electron mobility Zn polar ZnMgO/ZnO heterostructures grown by molecular beam epitaxy. Journal of Crystal Growth, 2007, 301-302, 358-361. | 1.5 | 33 |
| 34 | Growth of ZnO and device applications. Applied Surface Science, 2005, 244, 504-510. | 6.1 | 32 |
| 35 | Band profiles of ZnMgO/ZnO heterostructures confirmed by Kelvin probe force microscopy. Applied Physics Letters, 2009, 94, . | 3.3 | 32 |
| 36 | Characterization of electronic structure of Cu ₂ ZnSn(S _{1-x} Se _x) ₄ absorber layer and CdS/Cu ₂ ZnSn(S) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2015, 582, 166-170. | 1.8 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Very small tail state formation in Cu ₂ ZnGeSe ₄ . Applied Physics Letters, 2018, 113, . | 3.3 | 28 |
| 38 | Doping properties of ZnO thin films for photovoltaic devices grown by URT-IP (ion plating) method. Thin Solid Films, 2004, 451-452, 219-223. | 1.8 | 25 |
| 39 | Effects of Mo back contact thickness on the properties of CIGS solar cells. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1063-1066. | 1.8 | 25 |
| 40 | Highly Controlled Codeposition Rate of Organolead Halide Perovskite by Laser Evaporation Method. ACS Applied Materials & Interfaces, 2016, 8, 26013-26018. | 8.0 | 25 |
| 41 | Determination and interpretation of the optical constants for solar cell materials. Applied Surface Science, 2017, 421, 276-282. | 6.1 | 24 |
| 42 | Band Alignment of the CdS/Cu ₂ Zn(Sn _{1-x} Ge _x)Se ₄ Heterointerface and Electronic Properties at the Cu ₂ Zn(Sn _{1-x} Ge _x)Se ₄ Surface: $x = 0, 0.2, \text{ and } 0.4$. ACS Applied Materials & Interfaces, 2019, 11, 4637-4648. | 8.0 | 23 |
| 43 | Promising characteristics of GaN layers grown on amorphous silica substrates by gas-source MBE. Journal of Crystal Growth, 1998, 189-190, 218-222. | 1.5 | 22 |
| 44 | Improved properties of polycrystalline GaN grown on silica glass substrate. Journal of Crystal Growth, 2000, 209, 387-391. | 1.5 | 22 |
| 45 | Characterization of ZnO crystals by photoluminescence spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 872-875. | 0.8 | 22 |
| 46 | Photoluminescence characterization of excitonic centers in ZnO epitaxial films. Applied Physics Letters, 2005, 86, 221907. | 3.3 | 22 |
| 47 | Composition control of Cu ₂ ZnSnSe ₄ -based solar cells grown by coevaporation. Thin Solid Films, 2014, 551, 27-31. | 1.8 | 21 |
| 48 | Narrow-bandgap Cu ₂ Sn _{1-x} Ge _x Se ₃ thin film solar cells. Materials Letters, 2015, 158, 205-207. | 2.6 | 21 |
| 49 | Cu ₂ ZnSnSe ₄ thin-film solar cells fabricated using Cu ₂ SnSe ₃ and ZnSe bilayers. Applied Physics Express, 2015, 8, 042301. | 2.4 | 21 |
| 50 | Determination of deep-level defects in Cu ₂ ZnSn(S,Se) ₄ thin-films using photocapacitance method. Applied Physics Letters, 2015, 106, . | 3.3 | 20 |
| 51 | Analysis of future generation solar cells and materials. Japanese Journal of Applied Physics, 2018, 57, 04FS03. | 1.5 | 20 |
| 52 | Effect of Combined Alkali (KF+CsF) Post-Deposition Treatment on Cu(InGa)Se ₂ Solar Cells. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800372. | 2.4 | 17 |
| 53 | Growth of high-quality polycrystalline GaN on glass substrate by gas source molecular beam epitaxy. Journal of Crystal Growth, 2001, 227-228, 442-446. | 1.5 | 16 |
| 54 | Soft X-ray XANES of N in ZnO:N "Why is doping so difficult?". Nuclear Instruments & Methods in Physics Research B, 2006, 246, 75-78. | 1.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Optical dielectric constant inhomogeneity along the growth axis in ZnO-based transparent electrodes deposited on glass substrates. <i>Journal of Applied Physics</i> , 2009, 105, . | 2.5 | 14 |
| 56 | InGaN-based light-emitting diodes fabricated with transparent Ga-doped ZnO as ohmicp-contact. <i>Physica Status Solidi A</i> , 2004, 201, 2704-2707. | 1.7 | 13 |
| 57 | Microstructural Evolution of ZnO by Wet-Etching Using Acidic Solutions. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3364-3368. | 0.9 | 13 |
| 58 | Strong Photoluminescence Emission from GaN on SrTiO ₃ . <i>Physica Status Solidi (B): Basic Research</i> , 1999, 216, 113-116. | 1.5 | 12 |
| 59 | Temperature induced phase transformation in coevaporated Cu ₂ SnSe ₃ thin films. <i>Materials Letters</i> , 2014, 116, 61-63. | 2.6 | 12 |
| 60 | Study and optimization of alternative MBE-deposited metallic precursors for highly efficient kesterite CZTSe:Ge solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2019, 27, 779-788. | 8.1 | 12 |
| 61 | Field Emission from Polycrystalline GaN Grown on Mo Substrate. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L907-L909. | 1.5 | 11 |
| 62 | Two different features of ZnO: Transparent ZnO:Ga electrodes for InGaN-LEDs and homoepitaxial ZnO films for UV-LEDs. , 2006, 6122, 79. | | 10 |
| 63 | A comparative study on charge carrier recombination across the junction region of Cu ₂ ZnSn(S,Se) ₄ and Cu(In,Ga)Se ₂ thin film solar cells. <i>AIP Advances</i> , 2016, 6, . | 1.3 | 10 |
| 64 | Effects of low temperature buffer layer treatments on the growth of high quality ZnO films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 888-891. | 0.8 | 9 |
| 65 | Reduced recombination in a surface-sulfurized Cu(InGa)Se ₂ thin-film solar cell. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 055701. | 1.5 | 9 |
| 66 | Electronic structure of Cu ₂ ZnSn(S _x Se _{1-x}) ₄ surface and CdS/Cu ₂ ZnSn(S _x Se _{1-x}) ₄ interface. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2017, 14, . | 0.8 | 9 |
| 67 | Tunability of the bandgap of SnS by variation of the cell volume by alloying with A.E. elements. <i>Scientific Reports</i> , 2022, 12, 7434. | 3.3 | 9 |
| 68 | Observation of Quantum-Dot-Like Properties in the Phase-Separated GaN-Rich GaNP. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 216, 461-464. | 1.5 | 8 |
| 69 | Ohmic Contact to Phosphorous-Doped ZnO Using Pt•Ni•Au for p-n Homojunction Diode. <i>Journal of the Electrochemical Society</i> , 2006, 153, G1047. | 2.9 | 8 |
| 70 | Two-dimensional polaron mass in ZnO quantum Hall systems. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 1599-1601. | 0.8 | 8 |
| 71 | Effect of pre-annealing on Cu ₂ ZnSnSe ₄ thin-film solar cells prepared from stacked Zn/Cu/Sn metal precursors. <i>Materials Letters</i> , 2016, 176, 78-82. | 2.6 | 7 |
| 72 | Electronic structures of Cu ₂ ZnSnSe ₄ surface and CdS/Cu ₂ ZnSnSe ₄ heterointerface. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 065701. | 1.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Characterization of Surface and Heterointerface of $\text{Cu}_{2}\text{ZnSn}_{1-x}\text{Ge}_{x}\text{Se}_{4}$ for Solar Cell Applications. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 1900708. | 2.4 | 7 |
| 74 | Analysis for non-radiative recombination and resistance loss in chalcopyrite and kesterite solar cells. <i>Japanese Journal of Applied Physics</i> , 2021, 60, SBBF05. | 1.5 | 7 |
| 75 | Ammonia Source MBE Growth of Polycrystalline GaN p-n Junction. <i>Physica Status Solidi A</i> , 2001, 188, 605-609. | 1.7 | 6 |
| 76 | Crystallographic growth orientation of $\text{Cu}(\text{InGa})\text{Se}_{2}$ films in relation to substrate material nature. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 2639-2643. | 1.8 | 6 |
| 77 | Infrared reflection-absorption spectroscopy applied to a merocyanine dye J-aggregate deposited on transparent electrodes based on zinc oxide. <i>Thin Solid Films</i> , 2009, 518, 462-465. | 1.8 | 6 |
| 78 | Infrared Study of Sapphire $\text{Al}_{2}\text{O}_{3}$ by Small-Angle Oblique-Incidence Reflectometry. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 024709. | 1.6 | 6 |
| 79 | Analysis of Optical and Recombination Losses in Solar Cells. <i>Springer Series in Optical Sciences</i> , 2018, , 29-82. | 0.7 | 6 |
| 80 | Determination of crystallographic polarity of ZnO bulk crystals and epilayers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 1018-1021. | 0.8 | 5 |
| 81 | Local Structure around Dopant Site in Ga-Doped ZnO from Extended X-ray Absorption Fine Structure Measurements. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 074602. | 1.6 | 5 |
| 82 | Improved performance in $\text{Cu}_{2}\text{ZnSnSe}_{4}$ solar cells using a sandwich-structured $\text{ZnSe}/\text{Cu}_{2}\text{SnSe}_{3}/\text{ZnSe}$ precursor. <i>Current Applied Physics</i> , 2017, 17, 366-369. | 2.4 | 5 |
| 83 | Examination of Suitable Bandgap Grading of $\text{Cu}(\text{InGa})\text{Se}_{2}$ Bottom Absorber Layers for Tandem Cell Application. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2000658. | 1.8 | 5 |
| 84 | Strong Photoluminescence Emission from Polycrystalline GaN Grown on Metal Substrate by NH_{3} Source MBE. <i>Physica Status Solidi A</i> , 2001, 188, 601-604. | 1.7 | 4 |
| 85 | Time-resolved photoluminescence of polycrystalline GaN layers on metal substrates. <i>Semiconductors</i> , 2002, 36, 878-882. | 0.5 | 4 |
| 86 | Field Emission from Polycrystalline GaN Grown on Mo Substrate. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 469-473. | 0.8 | 4 |
| 87 | High-Quality Transparent Conducting Oxide Films Deposited by a Novel Ion Plating Technique. <i>Materials Research Society Symposia Proceedings</i> , 2003, 763, 741. | 0.1 | 4 |
| 88 | Bandgap Engineering of ZnO Transparent Conducting Films. <i>Materials Research Society Symposia Proceedings</i> , 2003, 763, 721. | 0.1 | 4 |
| 89 | Study of time-resolved photoluminescence in $\text{Cu}_{2}\text{ZnSn}(\text{S},\text{Se})_{4}$ thin films with different Cu/Sn ratio. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 08KC15. | 1.5 | 4 |
| 90 | Correlation between Electrical Properties and Crystal <i>c</i> -Axis Orientation of Zinc Oxide Transparent Conducting Films. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 10NC16. | 1.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Wide-gap CIGS solar cells with Zn _{1-y} Mg _y O transparent conducting film. Materials Research Society Symposia Proceedings, 2005, 865, 1461. | 0.1 | 3 |
| 92 | Oblique-Incidence Infrared Reflection in Thin ZnO Films Deposited on Sapphire by Gas-Source MBE. AIP Conference Proceedings, 2007, . . | 0.4 | 3 |
| 93 | Title is missing!. Shinku/Journal of the Vacuum Society of Japan, 2007, 50, 114-117. | 0.2 | 3 |
| 94 | Band Alignment of CdS/Cu ₂ ZnSnSe ₄ Heterointerface and Solar Cell Performances. MRS Advances, 2017, 2, 3157-3162. | 0.9 | 3 |
| 95 | Inorganic Semiconductors and Passivation Layers. Springer Series in Optical Sciences, 2018, , 319-426. | 0.7 | 3 |
| 96 | Ultra-thin Cadmium Sulfide Electron-transporting Layer for Planar Perovskite Solar Cell. Chemistry Letters, 2018, 47, 1350-1353. | 1.3 | 3 |
| 97 | Effect of aromatic nitrogen heterocycle treatment on the performance of perovskite solar cells. Japanese Journal of Applied Physics, 2018, 57, 08RE08. | 1.5 | 3 |
| 98 | Dominant recombination path in low-bandgap kesterite CZTSe(S) solar cells from red light induced metastability. Journal of Applied Physics, 2021, 129, . | 2.5 | 3 |
| 99 | Impacts of KF Post-Deposition Treatment on the Band Alignment of Epitaxial Cu(In,Ga)Se ₂ Heterojunctions. ACS Applied Materials & Interfaces, 2022, 14, 16780-16790. | 8.0 | 3 |
| 100 | Gas source MBE growth of GaN-related novel semiconductors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 75, 199-203. | 3.5 | 2 |
| 101 | Direct Observation of Nitrogen Location in Molecular Beam Epitaxy Grown Nitrogen-Doped ZnO. AIP Conference Proceedings, 2007, . . | 0.4 | 2 |
| 102 | Correlation between Electrical Properties and Crystal c-Axis Orientation of Zinc Oxide Transparent Conducting Films. Japanese Journal of Applied Physics, 2012, 51, 10NC16. | 1.5 | 2 |
| 103 | Study of recombination process in Cu ₂ /ZnSnS ₄ thin film using two-wavelength excited photoluminescence. , 2014, , . | | 2 |
| 104 | Study of Cu ₂ ZnSn(S,Se) ₄ Thin Films for Solar Cell Application. Journal of Physics: Conference Series, 2015, 596, 012019. | 0.4 | 2 |
| 105 | Reduced potential fluctuation in a surface sulfurized Cu(InGa)Se ₂ . Japanese Journal of Applied Physics, 2018, 57, 085702. | 1.5 | 2 |
| 106 | Sodium incorporation effect on morphological and photovoltaic properties for Cu ₂ ZnSnSe ₄ solar cells. Japanese Journal of Applied Physics, 2020, 59, SCCD06. | 1.5 | 2 |
| 107 | Local Ordering in GaN-Rich Ternary GaNP Alloys. Materials Research Society Symposia Proceedings, 2000, 618, 321. | 0.1 | 1 |
| 108 | Analysis of polycrystalline GaN grown on a glass substrate. Journal of Physics Condensed Matter, 2002, 14, 12697-12702. | 1.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Gas source molecular-beam epitaxy growth of GaN/GaP superlattices and GaN layers on GaP(111)A substrates. Journal of Crystal Growth, 2002, 243, 283-287. | 1.5 | 1 |
| 110 | Polycrystalline GaN: Analysis of the Defects. Physica Status Solidi C: Current Topics in Solid State Physics, 2003, 0, 409-412. | 0.8 | 1 |
| 111 | Cd-Free Wide Gap CuIn _{1-x} Ga _x Se ₂ Solar Cells using Zn _{1-y} Mg _y O Deposited by Pulsed Laser Deposition. , 2006, , . | | 1 |
| 112 | Formation of ionic bonds between a fatty-acid Langmuir-Blodgett monolayer and a zinc oxide substrate. Journal of Colloid and Interface Science, 2010, 352, 299-302. | 9.4 | 1 |
| 113 | Defect study of Cu ₂ ZnSn(S,Se) ₄ thin film with different Cu/Sn ratio by admittance spectroscopy. , 2014, , . | | 1 |
| 114 | Photovoltaics of CZTS. Springer Handbooks, 2022, , 1305-1326. | 0.6 | 1 |
| 115 | Thermal processing induced structural changes in ZnO films grown on (11 $\bar{2}$ 0) sapphire substrates using molecular beam epitaxy. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 868-871. | 0.8 | 0 |
| 116 | Photoluminescence recombination centers in ZnO. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 1026-1029. | 0.8 | 0 |
| 117 | An Estimate of Maximal Conversion Efficiency in Regard to Doping Concentrations and Junction Position in Cu(In,Ga)Se ₂ Solar Cells. , 2006, , . | | 0 |
| 118 | Formation of two-dimensional electron gas and enhancement of electron mobility by Zn polar ZnMgO/ZnO heterostructures. , 2007, 6474, 78. | | 0 |
| 119 | Progress in CIGS solar cell technologies. , 2008, , . | | 0 |
| 120 | Zn _{1-x} Mg _x O/ZnO heterostructures studied by Kelvin probe force microscopy conjunction with probe characterizer. Applied Surface Science, 2009, 256, 1180-1183. | 6.1 | 0 |
| 121 | Photocarrier recombination dynamics in Cu ₂ ZnSn(S,Se) ₄ and Cu(In,Ga)Se ₂ studied by temperature-dependent time resolved Photoluminescence (TR-PL). , 2015, , . | | 0 |
| 122 | Laser deposition for the controlled co-deposition of organolead halide perovskite. , 2016, , . | | 0 |
| 123 | Structural analysis of polycrystalline GaN layers grown on glass substrates. , 2018, , 359-362. | | 0 |