

Rachel Goldman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129
papers

2,146
citations

23
h-index

41
g-index

132
ext. papers

2,277
ext. citations

3.5
avg, IF

4.29
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 129 | Writing-to-learn in introductory materials science and engineering. <i>MRS Communications</i> , 2022 , 12, 1 | 2.7 | 1 |
| 128 | Influence of strain and dislocations on GaSb/GaAs quantum dots: From nested to staggered band alignment. <i>Journal of Applied Physics</i> , 2022 , 131, 085703 | 2.5 | 0 |
| 127 | Influence of gallium surface saturation on GaN nanowire polytype selection during molecular-beam epitaxy. <i>Applied Physics Letters</i> , 2021 , 119, 031601 | 3.4 | |
| 126 | Why do nanowires grow with their c-axis vertically-aligned in the absence of epitaxy?. <i>Scientific Reports</i> , 2020 , 10, 6554 | 4.9 | 5 |
| 125 | Influence of quantum dot morphology on the optical properties of GaSb/GaAs multilayers. <i>Applied Physics Letters</i> , 2020 , 116, 252107 | 3.4 | 1 |
| 124 | Mechanisms of GaN quantum dot formation during nitridation of Ga droplets. <i>Applied Physics Letters</i> , 2020 , 116, 062107 | 3.4 | 2 |
| 123 | Temperature-dependent study of GaAs _{1-x} N _x Bi _y alloys for band-gap engineering: photoreflectance and k · p modeling. <i>Applied Physics Express</i> , 2020 , 13, 091005 | 2.4 | 2 |
| 122 | Influence of electron irradiation and rapid thermal annealing on photoluminescence from GaAsN _{1-x} Bi _y alloys. <i>Applied Physics Letters</i> , 2020 , 117, 142106 | 3.4 | 3 |
| 121 | Mapping the composition-dependence of the energy bandgap of GaAsN _{1-x} Bi _y alloys. <i>Applied Physics Letters</i> , 2019 , 115, 082106 | 3.4 | 4 |
| 120 | Asymmetric 3D Elastic-Plastic Strain-Modulated Electron Energy Structure in Monolayer Graphene by Laser Shocking. <i>Advanced Materials</i> , 2019 , 31, e1900597 | 24 | 13 |
| 119 | Formation and properties of InGaN QDs: Influence of substrates. <i>Applied Physics Letters</i> , 2019 , 114, 062106 | 3.4 | 2 |
| 118 | Ion irradiation of III-V semiconductor surfaces: From self-assembled nanostructures to plasmonic crystals. <i>Applied Physics Reviews</i> , 2019 , 6, 041307 | 17.3 | 9 |
| 117 | Morphological design of complex oxides during pulsed-laser deposition: The role of plasma-plume expansion. <i>Journal of Applied Physics</i> , 2019 , 126, 184301 | 2.5 | 2 |
| 116 | Surfactant-induced chemical ordering of GaAsN:Bi. <i>Applied Physics Letters</i> , 2018 , 113, 211602 | 3.4 | 8 |
| 115 | Effect of modified periodic waveforms on current-induced spin polarization measurements. <i>AIP Advances</i> , 2018 , 8, 065113 | 1.5 | |
| 114 | Influence of surface nano-patterning on the placement of InAs quantum dots. <i>Journal of Applied Physics</i> , 2018 , 124, 115307 | 2.5 | 1 |
| 113 | Bi-enhanced N incorporation in GaAsN _{1-x} Bi _y alloys. <i>Applied Physics Letters</i> , 2017 , 110, 242102 | 3.4 | 14 |

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| 112 | Investigation of the Influence of a Writing-to-Learn Assignment on Student Understanding of Polymer Properties. <i>Journal of Chemical Education</i> , 2017 , 94, 1610-1617 | 2.4 | 22 |
| 111 | Formation of embedded plasmonic Ga nanoparticle arrays and their influence on GaAs photoluminescence. <i>Journal of Applied Physics</i> , 2017 , 122, 033102 | 2.5 | 2 |
| 110 | Current-induced spin polarization in InGaAs and GaAs epilayers with varying doping densities. <i>Physical Review B</i> , 2017 , 96, | 3.3 | 4 |
| 109 | Quasi-ordering of composition fluctuations and their interaction with lattice imperfections in an optical spectra of dilute nitride alloys. <i>Semiconductor Science and Technology</i> , 2016 , 31, 095012 | 1.8 | 6 |
| 108 | Origins of enhanced thermoelectric power factor in topologically insulating Bi _{0.64} Sb _{1.36} Te ₃ thin films. <i>Applied Physics Letters</i> , 2016 , 108, 043902 | 3.4 | 8 |
| 107 | Influence of surface reconstruction on dopant incorporation and transport properties of GaAs(Bi) alloys. <i>Applied Physics Letters</i> , 2016 , 109, 252105 | 3.4 | 12 |
| 106 | Profiling the local carrier concentration across a semiconductor quantum dot. <i>Applied Physics Letters</i> , 2015 , 106, 192101 | 3.4 | 2 |
| 105 | g-factor modification in a bulk InGaAs epilayer by an in-plane electric field. <i>Physical Review B</i> , 2015 , 91, | 3.3 | 5 |
| 104 | Formation and coarsening of near-surface Ga nanoparticles on SiN _x . <i>Applied Physics Letters</i> , 2015 , 106, 243102 | 3.4 | 1 |
| 103 | Identifying the dominant interstitial complex in dilute GaAsN alloys. <i>Applied Physics Letters</i> , 2015 , 107, 221904 | 3.4 | 8 |
| 102 | Influence of Bi on embedded nanocrystal formation and thermoelectric properties of GaAs. <i>Journal of Applied Physics</i> , 2015 , 117, 065101 | 2.5 | 2 |
| 101 | Room-temperature epitaxial electrodeposition of single-crystalline germanium nanowires at the wafer scale from an aqueous solution. <i>Nano Letters</i> , 2014 , 14, 847-52 | 11.5 | 45 |
| 100 | Formation and evolution of ripples on ion-irradiated semiconductor surfaces. <i>Applied Physics Letters</i> , 2014 , 104, 052103 | 3.4 | 15 |
| 99 | Origins of interlayer formation and misfit dislocation displacement in the vicinity of InAs/GaAs quantum dots. <i>Applied Physics Letters</i> , 2014 , 105, 032107 | 3.4 | 1 |
| 98 | Evolution of ion-induced nanoparticle arrays on GaAs surfaces. <i>Applied Physics Letters</i> , 2014 , 104, 182103 | 3.4 | 2 |
| 97 | Nanodot formation induced by femtosecond laser irradiation. <i>Applied Physics Letters</i> , 2014 , 105, 163103 | 3.4 | 10 |
| 96 | Influence of Sb incorporation on InGaAs(Sb)N/GaAs band alignment. <i>Applied Physics Letters</i> , 2014 , 105, 142105 | 3.4 | 4 |
| 95 | Surface photovoltage and modulation spectroscopy of E ₁ and E ₁ ⁺ transitions in GaNAs layers. <i>Thin Solid Films</i> , 2014 , 567, 101-104 | 2.2 | 14 |

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|----|--|-----|----|
| 94 | Ordered horizontal Sb ₂ Te ₃ nanowires induced by femtosecond lasers. <i>Applied Physics Letters</i> , 2014 , 105, 201904 | 3.4 | 0 |
| 93 | Influence of GaAs surface termination on GaSb/GaAs quantum dot structure and band offsets. <i>Applied Physics Letters</i> , 2013 , 103, 082107 | 3.4 | 6 |
| 92 | Mechanisms of droplet formation and Bi incorporation during molecular beam epitaxy of GaAsBi. <i>Applied Physics Letters</i> , 2013 , 102, 042106 | 3.4 | 60 |
| 91 | Growth, disorder, and physical properties of ZnSnN ₂ . <i>Applied Physics Letters</i> , 2013 , 103, 042109 | 3.4 | 98 |
| 90 | Mechanisms of InAs/GaAs quantum dot formation during annealing of In islands. <i>Applied Physics Letters</i> , 2013 , 103, 132104 | 3.4 | 7 |
| 89 | Spin lifetime measurements in GaAsBi thin films. <i>Applied Physics Letters</i> , 2013 , 102, 022420 | 3.4 | 23 |
| 88 | Influence of N incorporation on persistent photoconductivity in GaAsN alloys. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 6 |
| 87 | Ga nanoparticle-enhanced photoluminescence of GaAs. <i>Applied Physics Letters</i> , 2013 , 103, 101903 | 3.4 | 7 |
| 86 | Quantifying the local Seebeck coefficient with scanning thermoelectric microscopy. <i>Applied Physics Letters</i> , 2013 , 103, 212101 | 3.4 | 3 |
| 85 | Formation mechanisms of embedded nanocrystals in SiN _x . <i>Applied Physics Letters</i> , 2013 , 102, 243111 | 3.4 | 2 |
| 84 | Origins of ion irradiation-induced Ga nanoparticle motion on GaAs surfaces. <i>Applied Physics Letters</i> , 2013 , 103, 072115 | 3.4 | 7 |
| 83 | Influence of embedded indium nanocrystals on GaAs thermoelectric properties. <i>Journal of Applied Physics</i> , 2013 , 114, 043704 | 2.5 | 3 |
| 82 | Surface plasmon resonances of Ga nanoparticle arrays. <i>Applied Physics Letters</i> , 2012 , 101, 081905 | 3.4 | 14 |
| 81 | Universal mechanism for ion-induced nanostructure formation on III-V compound semiconductor surfaces. <i>Applied Physics Letters</i> , 2012 , 101, 082101 | 3.4 | 12 |
| 80 | Formation and transformation of embedded GaN nanocrystals. <i>Applied Physics Letters</i> , 2012 , 100, 203113 | 3.4 | 12 |
| 79 | Evolution of structural and thermoelectric properties of indium-ion-implanted epitaxial GaAs. <i>Applied Physics Letters</i> , 2012 , 100, 102101 | 3.4 | 5 |
| 78 | Mechanisms of nanorod growth on focused-ion-beam-irradiated semiconductor surfaces: Role of redeposition. <i>Applied Physics Letters</i> , 2012 , 100, 053103 | 3.4 | 22 |
| 77 | Formation mechanisms of spatially-directed zincblende gallium nitride nanocrystals. <i>Journal of Applied Physics</i> , 2011 , 110, 124307 | 2.5 | 6 |

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|----|--|-----|----|
| 76 | Linking computational and experimental studies of III-V quantum dots for optoelectronics and photovoltaics. <i>Jom</i> , 2011 , 63, 20-26 | 2.1 | |
| 75 | STM OF SELF ASSEMBLED III-V NANOSTRUCTURES. <i>Materials and Energy</i> , 2011 , 369-406 | | |
| 74 | Formation and transfer of GaAsN nanostructure layers. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2011 , 29, 060601 | 2.9 | 1 |
| 73 | Formation mechanisms of embedded wurtzite and zincblende indium nitride nanocrystals. <i>Applied Physics Letters</i> , 2011 , 99, 093108 | 3.4 | 13 |
| 72 | Correlating structure, strain, and morphology of self-assembled InAs quantum dots on GaAs. <i>Applied Physics Letters</i> , 2011 , 98, 021903 | 3.4 | 10 |
| 71 | Influence of Mn dopants on InAs/GaAs quantum dot electronic states. <i>Applied Physics Letters</i> , 2011 , 98, 141907 | 3.4 | 4 |
| 70 | Influence of wetting layers and quantum dot size distribution on intermediate band formation in InAs/GaAs superlattices. <i>Journal of Applied Physics</i> , 2011 , 110, 073105 | 2.5 | 14 |
| 69 | Nitrogen composition dependence of electron effective mass in GaAs _{1-x} N _x . <i>Physical Review B</i> , 2010 , 82, | 3.3 | 18 |
| 68 | Nanometer-scale measurements of electronic states in InAs/GaAs quantum dots. <i>Journal of Applied Physics</i> , 2009 , 106, 014315 | 2.5 | 9 |
| 67 | Blister formation in ion-implanted GaAs: Role of diffusivity. <i>Applied Physics Letters</i> , 2009 , 95, 111912 | 3.4 | 4 |
| 66 | Influence of Si _i complexes on the electronic properties of GaAsN alloys. <i>Applied Physics Letters</i> , 2009 , 95, 092109 | 3.4 | 10 |
| 65 | Influence of N interstitials on the electronic properties of GaAsN alloys. <i>Applied Physics Letters</i> , 2009 , 95, 062109 | 3.4 | 25 |
| 64 | Influence of alloy buffer and capping layers on InAs/GaAs quantum dot formation. <i>Applied Physics Letters</i> , 2009 , 95, 163114 | 3.4 | 19 |
| 63 | Thermoelectric properties of quantum dot chains. <i>Journal of Applied Physics</i> , 2009 , 105, 093711 | 2.5 | 12 |
| 62 | Formation and coarsening of Ga droplets on focused-ion-beam irradiated GaAs surfaces. <i>Applied Physics Letters</i> , 2009 , 95, 153107 | 3.4 | 19 |
| 61 | Thermal transport in a semiconductor heterostructure measured by time-resolved x-ray diffraction. <i>Physical Review B</i> , 2008 , 78, | 3.3 | 15 |
| 60 | Probing unfolded acoustic phonons with X rays. <i>Physical Review Letters</i> , 2008 , 101, 025505 | 7.4 | 28 |
| 59 | Influence of N on the electronic properties of GaAsN alloy films and heterostructures. <i>Journal of Applied Physics</i> , 2007 , 102, 103710 | 2.5 | 22 |

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|----|---|-----|----|
| 58 | Mechanisms of GaAsN growth: Surface and step-edge diffusion. <i>Journal of Applied Physics</i> , 2007 , 101, 083520 | 2.5 | 15 |
| 57 | Formation of single crystal sulfur supersaturated silicon based junctions by pulsed laser melting. <i>Journal of Vacuum Science & Technology B</i> , 2007 , 25, 1847 | | 55 |
| 56 | Ultrafast optical generation and remote detection of terahertz sound using semiconductor superlattices. <i>Applied Physics Letters</i> , 2007 , 91, 023115 | 3.4 | 14 |
| 55 | In-Plane Thermoelectric Properties of Horizontally Aligned InAs/GaAs Quantum Dot Superlattices 2006 , 541 | | |
| 54 | Moments-based tight-binding calculations of local electronic structure in InAs/GaAs quantum dots for comparison to experimental measurements. <i>Applied Physics Letters</i> , 2006 , 88, 053109 | 3.4 | 7 |
| 53 | Observation of surface-avoiding waves: a new class of extended states in periodic media. <i>Physical Review Letters</i> , 2006 , 97, 124301 | 7.4 | 31 |
| 52 | Stress evolution in GaAsN alloy films. <i>Journal of Applied Physics</i> , 2005 , 97, 103523 | 2.5 | 17 |
| 51 | Control of InAs/GaAs quantum dot density and alignment using modified buffer layers. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005 , 23, 1736 | | 17 |
| 50 | Nanometer-scale studies of point defect distributions in GaMnAs alloys. <i>Applied Physics Letters</i> , 2005 , 86, 011911 | 3.4 | 12 |
| 49 | Generation and propagation of a picosecond acoustic pulse at a buried interface: time-resolved x-ray diffraction measurements. <i>Physical Review Letters</i> , 2005 , 95, 246104 | 7.4 | 33 |
| 48 | Matrix-seeded growth of nitride semiconductor nanostructures using ion beams. <i>Journal of Applied Physics</i> , 2005 , 97, 064301 | 2.5 | 13 |
| 47 | Effects of buffer layers on the structural and electronic properties of InSb films. <i>Journal of Applied Physics</i> , 2005 , 97, 043713 | 2.5 | 34 |
| 46 | Nanoprobng of semiconductor heterointerfaces: quantum dots, alloys and diffusion. <i>Journal Physics D: Applied Physics</i> , 2004 , 37, R163-R178 | 3 | 12 |
| 45 | Formation and blistering of GaAsN nanostructure layers. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2004 , 22, 989 | | 10 |
| 44 | Initiation and evolution of phase separation in GaP/InP short-period superlattices. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2004 , 22, 216 | | 6 |
| 43 | Mechanisms of nitrogen incorporation in GaAsN alloys. <i>Applied Physics Letters</i> , 2004 , 85, 1692-1694 | 3.4 | 46 |
| 42 | Origins of luminescence from nitrogen-ion-implanted epitaxial GaAs. <i>Applied Physics Letters</i> , 2004 , 85, 2774-2776 | 3.4 | 4 |
| 41 | Mechanisms of lateral ordering of InAs/GaAs quantum dot superlattices. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2003 , 21, 1920 | | 6 |

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| 40 | Mechanisms of semiconductor nanostructure formation. <i>Physica Status Solidi A</i> , 2003 , 195, 151-158 | | 6 |
| 39 | Evolution of structural and optical properties of ion-beam synthesized GaAsN nanostructures. <i>Journal of Applied Physics</i> , 2002 , 92, 4012-4018 | 2.5 | 24 |
| 38 | Lateral indium-indium pair correlations within the wetting layers of buried InAs/GaAs quantum dots. <i>Applied Physics Letters</i> , 2002 , 81, 1423-1425 | 3.4 | 11 |
| 37 | Initiation and evolution of phase separation in heteroepitaxial InAlAs films. <i>Applied Physics Letters</i> , 2002 , 80, 3292-3294 | 3.4 | 26 |
| 36 | Growth of high density self-organized (In,Ga)As quantum dots with ultranarrow photoluminescence linewidths using buried In(Ga,Al)As stressor dots. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2000 , 18, 1502 | | 15 |
| 35 | Structural and compositional variations in ZnSnP2/GaAs superlattices. <i>Applied Physics Letters</i> , 2000 , 77, 2894-2896 | 3.4 | 8 |
| 34 | Evolution of structural and electronic properties of highly mismatched InSb films. <i>Journal of Applied Physics</i> , 2000 , 88, 6276-6286 | 2.5 | 48 |
| 33 | INTERDIFFUSION, SEGREGATION, AND DISSOLUTION IN InAs/GaAs QUANTUM DOT SUPERLATTICES. <i>Surface Review and Letters</i> , 2000 , 07, 539-545 | 1.1 | 8 |
| 32 | Nanometer-scale studies of AlGa interdiffusion and As precipitate coarsening in nonstoichiometric AlAs/GaAs superlattices. <i>Applied Physics Letters</i> , 1999 , 75, 4082-4084 | 3.4 | 14 |
| 31 | Nanometer-scale studies of vertical organization and evolution of stacked self-assembled InAs/GaAs quantum dots. <i>Applied Physics Letters</i> , 1999 , 74, 2824-2826 | 3.4 | 71 |
| 30 | Interdiffusion and surface segregation in stacked self-assembled InAs/GaAs quantum dots. <i>Applied Physics Letters</i> , 1999 , 75, 2797-2799 | 3.4 | 56 |
| 29 | Kinetics of Carbon-NO Reaction Studied by Scanning Tunneling Microscopy on the Basal Plane of Graphite. <i>Journal of Catalysis</i> , 1998 , 180, 245-257 | 7.3 | 9 |
| 28 | Effects of GaAs substrate misorientation on strain relaxation in In _x Ga _{1-x} As films and multilayers. <i>Journal of Applied Physics</i> , 1998 , 83, 5137-5149 | 2.5 | 91 |
| 27 | Strain variations in InGaAsP/InGaP superlattices studied by scanning probe microscopy. <i>Applied Physics Letters</i> , 1998 , 72, 1727-1729 | 3.4 | 28 |
| 26 | Morphological and compositional variations in strain-compensated InGaAsP/InGaP superlattices. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1997 , 15, 1027 | | 18 |
| 25 | Nanometer-scale studies of nitride/arsenide heterostructures produced by nitrogen plasma exposure of GaAs. <i>Journal of Electronic Materials</i> , 1997 , 26, 1342-1348 | 1.9 | 3 |
| 24 | In situ detection of misfit dislocations by light scattering. <i>Journal of Crystal Growth</i> , 1997 , 174, 550-557 | 1.6 | 4 |
| 23 | Modulation-doped In _{0.53} Ga _{0.47} As/In _{0.52} Al _{0.48} As heterostructures grown on GaAs substrates using step-graded In _x Ga _{1-x} As buffers. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1996 , 14, 3035 | | 7 |

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|----|--|-----|-----|
| 22 | Atomic-scale structure and electronic properties of GaN/GaAs superlattices. <i>Applied Physics Letters</i> , 1996 , 69, 3698-3700 | 3.4 | 49 |
| 21 | Correlation of buffer strain relaxation modes with transport properties of two-dimensional electron gases. <i>Journal of Applied Physics</i> , 1996 , 80, 6849-6854 | 2.5 | 9 |
| 20 | Anomalous moment and anisotropy behavior in Fe ₃ O ₄ films. <i>Physical Review B</i> , 1996 , 53, 9175-9187 | 3.3 | 384 |
| 19 | Relationship between surface morphology and strain relaxation during growth of InGaAs strained layers. <i>Applied Physics Letters</i> , 1995 , 67, 3744-3746 | 3.4 | 32 |
| 18 | Study of μm -scale spatial variations in strain of a compositionally step-graded In _x Ga _{1-x} As/GaAs(001) heterostructure. <i>Applied Physics Letters</i> , 1995 , 66, 869-871 | 3.4 | 25 |
| 17 | Relaxation-induced polarized luminescence from In _x Ga _{1-x} As films grown on GaAs(001). <i>Physical Review B</i> , 1995 , 51, 5033-5037 | 3.3 | 12 |
| 16 | Structural and Magnetic Characterization of Bi-Substituted Garnet on Si and GaAs. <i>Materials Research Society Symposia Proceedings</i> , 1995 , 384, 41 | | |
| 15 | Influence of GaAs(001) substrate misorientation towards {111} on the optical properties of In _x Ga _{1-x} As/GaAs. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1995 , 13, 1766 | | 2 |
| 14 | Gate-controlled modulation of charge transport in long-channel, δ -doped, heterojunction Hall-bar structures. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1995 , 13, 1853 | | 1 |
| 13 | Correlation of anisotropic strain relaxation with substrate misorientation direction at InGaAs/GaAs(001) interfaces. <i>Applied Physics Letters</i> , 1995 , 67, 344-346 | 3.4 | 30 |
| 12 | Effects of Substrate Misorientation Direction on Strain Relaxation at InGaAs/GaAs(001) Interfaces. <i>Materials Research Society Symposia Proceedings</i> , 1995 , 379, 21 | | |
| 11 | Homogeneous Strain Relaxation and Mosaic Spread in InGaAs/GaAs Heterostructures Using Triple Axis Diffractometry 1995 , 221-226 | | 1 |
| 10 | Homogeneous Strain Relaxation and Mosaic Spread in InGaAs/GaAs Heterostructures Using Triple Axis Diffractometry. <i>Advances in X-ray Analysis</i> , 1994 , 38, 221-226 | | |
| 9 | Strain relaxation induced deep levels in In _{1-x} Ga _x As thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1994 , 12, 1050-1053 | 2.9 | 2 |
| 8 | Optical detection of misfit dislocation-induced deep levels at InGaAs/GaAs heterojunctions. <i>Applied Physics Letters</i> , 1994 , 64, 3572-3574 | 3.4 | 12 |
| 7 | A Brillouin scattering investigation of NiO. <i>Journal of Magnetism and Magnetic Materials</i> , 1994 , 129, 327-333 | | 22 |
| 6 | Dislocation-Induced deep level states in In _{0.08} Ga _{0.92} As/GaAs heterostructures. <i>Journal of Electronic Materials</i> , 1994 , 23, 929-933 | 1.9 | 3 |
| 5 | Anisotropic structural, electronic, and optical properties of InGaAs grown by molecular beam epitaxy on misoriented substrates. <i>Applied Physics Letters</i> , 1994 , 65, 1424-1426 | 3.4 | 19 |

- 4 Anisotropic Structural and Electronic Properties of InGaAs/GaAs Heterojunctions. *Materials Research Society Symposia Proceedings*, **1994**, 340, 349 1
- 3 Light Scattering Study of the Evolution of the Surface Morphology During Growth of InGaAs on GaAs. *Materials Research Society Symposia Proceedings*, **1994**, 375, 193
- 2 Control of surface morphology and strain relaxation in InGaAs grown on GaAs using a step-graded buffer **1994**, 2140, 179 3
- 1 Superlattices and long-range order in electrodeposited dendrites. *Physical Review Letters*, **1990**, 64, 2152-2155 14