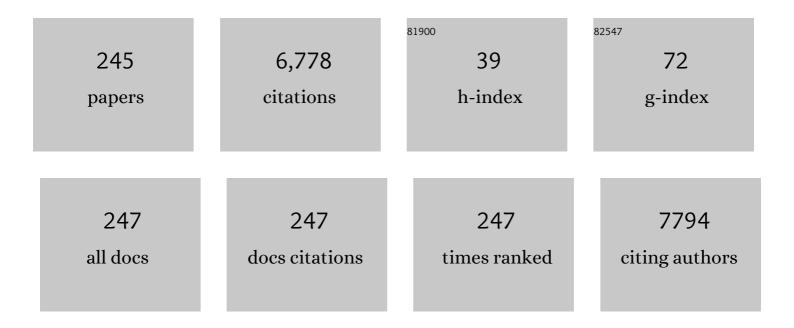
List of Publications by Year in descending order

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HIDOKI HIRINO

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Single-Walled Carbon Nanotube Growth from Highly Activated Metal Nanoparticles. Nano Letters, 2006, 6, 2642-2645. | 9.1 | 413 |
| 2 | Microscopic thickness determination of thin graphite films formed on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>SiC</mml:mi></mml:mrow>from quantized oscillation in reflectivity of low-energy electrons. Physical Review B, 2008, 77, .</mml:math | 3.2 | 330 |
| 3 | Direct Chemical Vapor Deposition Growth of WS ₂ Atomic Layers on Hexagonal Boron Nitride. ACS Nano, 2014, 8, 8273-8277. | 14.6 | 267 |
| 4 | Dependence of electronic properties of epitaxial few-layer graphene on the number of layers investigated by photoelectron emission microscopy. Physical Review B, 2009, 79, . | 3.2 | 246 |
| 5 | Carbon Nanotube Growth from Semiconductor Nanoparticles. Nano Letters, 2007, 7, 2272-2275. | 9.1 | 224 |
| 6 | Domain Structure and Boundary in Single-Layer Graphene Grown on Cu(111) and Cu(100) Films. Journal of Physical Chemistry Letters, 2012, 3, 219-226. | 4.6 | 209 |
| 7 | Quantum Faraday and Kerr rotations in graphene. Nature Communications, 2013, 4, 1841. | 12.8 | 167 |
| 8 | Growth and Optical Properties of High-Quality Monolayer WS ₂ on Graphite. ACS Nano, 2015, 9, 4056-4063. | 14.6 | 162 |
| 9 | Catalytic Growth of Graphene: Toward Large-Area Single-Crystalline Graphene. Journal of Physical Chemistry Letters, 2012, 3, 2228-2236. | 4.6 | 136 |
| 10 | DC-Resistive-Heating-Induced Step Bunching on Vicinal Si (111). Japanese Journal of Applied Physics, 1990, 29, L2254-L2256. | 1.5 | 126 |
| 11 | Mechanism of Gold-Catalyzed Carbon Material Growth. Nano Letters, 2008, 8, 832-835. | 9.1 | 112 |
| 12 | Growth and low-energy electron microscopy characterization of monolayer hexagonal boron nitride on epitaxial cobalt. Nano Research, 2013, 6, 335-347. | 10.4 | 108 |
| 13 | Scalable synthesis of layer-controlled WS2 and MoS2 sheets by sulfurization of thin metal films. Applied Physics Letters, 2014, 105, . | 3.3 | 107 |
| 14 | Epitaxial few-layer graphene: towards single crystal growth. Journal Physics D: Applied Physics, 2010, 43, 374005. | 2.8 | 106 |
| 15 | Highly Uniform Bilayer Graphene on Epitaxial Cu–Ni(111) Alloy. Chemistry of Materials, 2016, 28, 4583-4592. | 6.7 | 103 |
| 16 | Anisotropic layer-by-layer growth of graphene on vicinal SiC(0001) surfaces. Physical Review B, 2010, 81, . | 3.2 | 99 |
| 17 | Influence of Cu metal on the domain structure and carrier mobility in single-layer graphene. Carbon, 2012, 50, 2189-2196. | 10.3 | 86 |
| 18 | Carrier transport mechanism in graphene on SiC(0001). Physical Review B, 2011, 84, . | 3.2 | 85 |

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| 19 | Stacking domains of epitaxial few-layer graphene on SiC(0001). Physical Review B, 2009, 80, . | 3.2 | 84 |
| 20 | High-temperature scanning-tunneling-microscopy observation of phase transitions and reconstruction on a vicinal Si(111) surface. Physical Review B, 1993, 47, 13027-13030. | 3.2 | 74 |
| 21 | Sublimation of the Si(111) surface in ultrahigh vacuum. Physical Review B, 1997, 55, R10237-R10240. | 3.2 | 68 |
| 22 | Growth Dynamics of Single-Layer Graphene on Epitaxial Cu Surfaces. Chemistry of Materials, 2015, 27, 5377-5385. | 6.7 | 65 |
| 23 | Half-Integer Quantum Hall Effect in Gate-Controlled Epitaxial Graphene Devices. Applied Physics Express, 2010, 3, 075102. | 2.4 | 64 |
| 24 | Surface-Mediated Aligned Growth of Monolayer MoS ₂ and In-Plane Heterostructures with Graphene on Sapphire. ACS Nano, 2018, 12, 10032-10044. | 14.6 | 64 |
| 25 | Theoretical Study of Epitaxial Graphene Growth on SiC(0001) Surfaces. Applied Physics Express, 0, 2, 065502. | 2.4 | 62 |
| 26 | In situ scanning electron microscopy of graphene growth on polycrystalline Ni substrate. Surface Science, 2012, 606, 728-732. | 1.9 | 61 |
| 27 | Decay kinetics of two-dimensional islands and holes on Si(111) studied by low-energy electron microscopy. Physical Review B, 2001, 63, . | 3.2 | 60 |
| 28 | Nonlinear terahertz field-induced carrier dynamics in photoexcited epitaxial monolayer graphene. Physical Review B, 2015, 91, . | 3.2 | 60 |
| 29 | Characterization of doped single-wall carbon nanotubes by Raman spectroscopy. Carbon, 2011, 49, 2264-2272. | 10.3 | 55 |
| 30 | Hydrogen storage with titanium-functionalized graphene. Applied Physics Letters, 2013, 103, . | 3.3 | 55 |
| 31 | Transient step bunching on a vicinal Si(111) surface. Physical Review Letters, 1994, 72, 657-660. | 7.8 | 54 |
| 32 | Dynamics of the silicon (111) surface phase transition. Nature, 2000, 405, 552-554. | 27.8 | 53 |
| 33 | Atmospheric Pressure Chemical Vapor Deposition Growth of Millimeter-Scale Single-Crystalline Graphene on the Copper Surface with a Native Oxide Layer. Chemistry of Materials, 2016, 28, 4893-4900. | 6.7 | 52 |
| 34 | Resonant Edge Magnetoplasmons and Their Decay in Graphene. Physical Review Letters, 2014, 113, 266601. | 7.8 | 48 |
| 35 | Fabrication and Integration of Nanostructures on Si Surfaces. Accounts of Chemical Research, 1999, 32, 447-454. | 15.6 | 46 |
| 36 | Thickness Determination of Graphene Layers Formed on SiC Using Low-Energy Electron Microscopy. E-Journal of Surface Science and Nanotechnology, 2008, 6, 107-110. | 0.4 | 46 |

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| 37 | Plasmon transport in graphene investigated by time-resolved electrical measurements. Nature Communications, 2013, 4, 1363. | 12.8 | 46 |
| 38 | Growth of atomically thin hexagonal boron nitride films by diffusion through a metal film and precipitation. Journal Physics D: Applied Physics, 2012, 45, 385304. | 2.8 | 44 |
| 39 | Spatially Controlled Nucleation of Single-Crystal Graphene on Cu Assisted by Stacked Ni. ACS Nano, 2016, 10, 11196-11204. | 14.6 | 43 |
| 40 | On-chip graphene oxide aptasensor for multiple protein detection. Analytica Chimica Acta, 2015, 866, 1-9. | 5.4 | 42 |
| 41 | Void growth during thermal decomposition of silicon oxide layers studied by low-energy electron microscopy. Journal of Applied Physics, 2006, 100, 113519. | 2.5 | 38 |
| 42 | Local conductance measurements of double-layer graphene on SiC substrate. Nanotechnology, 2009, 20, 445704. | 2.6 | 38 |
| 43 | Growth and electronic transport properties of epitaxial graphene on SiC. Journal Physics D: Applied Physics, 2012, 45, 154008. | 2.8 | 38 |
| 44 | Step arrangement design and nanostructure self-organization on Si surfaces. Applied Surface Science, 1997, 117-118, 642-651. | 6.1 | 36 |
| 45 | Mesh pattern of Ge islands grown using solid phase epitaxy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 2458-2462. | 2.1 | 34 |
| 46 | Shot noise generated by graphene p–n junctions in the quantum Hall effect regime. Nature Communications, 2015, 6, 8068. | 12.8 | 34 |
| 47 | Twinned epitaxial layers formed on Si(111)â^š3×â^š3-B. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 1934-1937. | 2.1 | 33 |
| 48 | Sublimation of a heavily boron-doped Si(111) surface. Physical Review B, 1998, 58, 13146-13150. | 3.2 | 33 |
| 49 | Site-controlled InP nanowires grown on patterned Si substrates. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 24, 133-137. | 2.7 | 33 |
| 50 | Vertical GaP nanowires arranged at atomic steps on Si(111) substrates. Applied Physics Letters, 2006, 89, 033114. | 3.3 | 33 |
| 51 | Molecular design for enhanced sensitivity of a FRET aptasensor built on the graphene oxide surface. Chemical Communications, 2013, 49, 10346-10348. | 4.1 | 32 |
| 52 | Behavior and role of superficial oxygen in Cu for the growth of large single-crystalline graphene. Applied Surface Science, 2017, 408, 142-149. | 6.1 | 32 |
| 53 | Patterning-Assisted Control for Ordered Arrangement of Atomic Steps on Si(111) Surfaces. Japanese Journal of Applied Physics, 1995, 34, L668-L670. | 1.5 | 31 |
| 54 | Thin Graphitic Structure Formation on Various Substrates by Gas-Source Molecular Beam Epitaxy Using Cracked Ethanol. Japanese Journal of Applied Physics, 2010, 49, 04DH13. | 1.5 | 30 |

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| 57 | Characterization of Optical Absorption and Polarization Dependence of Single-Layer Graphene Integrated on a Silicon Wire Waveguide. Japanese Journal of Applied Physics, 2013, 52, 060203. | 1.5 | 29 |
| 58 | Graphene nanoribbon field-effect transistors fabricated by etchant-free transfer from Au(788). Applied Physics Letters, 2018, 112, . | 3.3 | 29 |
| 59 | Electrical Characterization of Bilayer Graphene Formed by Hydrogen Intercalation of Monolayer Graphene on SiC(0001). Japanese Journal of Applied Physics, 2012, 51, 02BN02. | 1.5 | 29 |
| 60 | Quantum Hall Effect and Carrier Scattering in Quasi-Free-Standing Monolayer Graphene. Applied Physics Express, 2012, 5, 125101. | 2.4 | 28 |
| 61 | Graphene-Based Nano-Electro-Mechanical Switch with High On/Off Ratio. Applied Physics Express, 2013, 6, 055101. | 2.4 | 28 |
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| 63 | Isothermal Growth and Stacking Evolution in Highly Uniform Bernal-Stacked Bilayer Graphene. ACS Nano, 2020, 14, 6834-6844. | 14.6 | 28 |
| 64 | Arrangement of Au–Si alloy islands at atomic steps. Surface Science, 2005, 588, L233-L238. | 1.9 | 27 |
| 65 | Lattice-Oriented Catalytic Growth of Graphene Nanoribbons on Heteroepitaxial Nickel Films. ACS Nano, 2013, 7, 10825-10833. | 14.6 | 27 |
| 66 | Impact of graphene quantum capacitance on transport spectroscopy. Physical Review B, 2012, 86, . | 3.2 | 26 |
| 67 | Ultrathin Chemical Vapor Deposition (CVD)-Grown Hexagonal Boron Nitride as a High-Quality Dielectric for Tunneling Devices on Rigid and Flexible Substrates. Journal of Physical Chemistry C, 2014, 118, 3340-3346. | 3.1 | 26 |
| 68 | Fabrication of nanostructures on silicon surfaces on wafer scale by controlling self-organization processes. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 4134. | 1.6 | 25 |
| 69 | Chemical vapor deposition of boron- and nitrogen-containing graphene thin films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 233-238. | 3.5 | 25 |
| 70 | Reflection High-Energy Electron Diffraction Studies of Vicinal Si(111) Surfaces. Japanese Journal of Applied Physics, 1991, 30, 1337-1342. | 1.5 | 24 |
| 71 | Hysteresis in the (1×1)-(7×7) first-order phase transition on the Si(111) surface. Surface Science, 2001, 487, 191-200. | 1.9 | 24 |
| 72 | Nonlinear transmission of an intense terahertz field through monolayer graphene. AIP Advances, 2014, 4, 117118. | 1.3 | 24 |

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| 73 | Reducing domain boundaries of surface reconstruction during molecular beam epitaxy on Si(111). Applied Physics Letters, 1995, 67, 915-917. | 3.3 | 23 |
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| 76 | Phase transitions on Si(113): A high-temperature scanning-tunneling-microscopy study. Physical Review B, 1997, 56, 4092-4097. | 3.2 | 22 |
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| 78 | In-plane conductance measurement of graphene nanoislands using an integrated nanogap probe. Nanotechnology, 2008, 19, 495701. | 2.6 | 22 |
| 79 | Structural Instability of Transferred Graphene Grown by Chemical Vapor Deposition against Heating. Journal of Physical Chemistry C, 2013, 117, 22123-22130. | 3.1 | 22 |
| 80 | Design of Si surfaces for self-assembled nanoarchitecture. Surface Science, 2002, 514, 1-9. | 1.9 | 21 |
| 81 | Raman spectroscopic investigation of polycrystalline structures of CVD-grown graphene by isotope labeling. Nanoscale, 2014, 6, 13838-13844. | 5.6 | 21 |
| 82 | Catalystâ€5elective Growth of Singleâ€Orientation Hexagonal Boron Nitride toward Highâ€Performance Atomically Thin Electric Barriers. Advanced Materials, 2019, 31, e1900880. | 21.0 | 21 |
| 83 | Real-Time Observation of (1×1)-(7×7) Phase Transition on Vicinal Si(111) Surfaces by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1993, 32, 3247-3251. | 1.5 | 20 |
| 84 | Step arrangement design and nanostructure self-organization on Si(111) surfaces by patterning-assisted control. Applied Surface Science, 1996, 107, 1-5. | 6.1 | 20 |
| 85 | Two-dimensional emission patterns of secondary electrons from graphene layers formed on SiC(0001). Applied Surface Science, 2008, 254, 7596-7599. | 6.1 | 20 |
| 86 | Contact Conductance Measurement of Locally Suspended Graphene on SiC. Applied Physics Express, 2010, 3, 045101. | 2.4 | 20 |
| 87 | Self-spreading of Supported Lipid Bilayer on SiO2 Surface Bearing Graphene Oxide. Chemistry Letters, 2012, 41, 1259-1261. | 1.3 | 20 |
| 88 | Effects of hydrogen intercalation on transport properties of quasi-free-standing monolayer graphene. Japanese Journal of Applied Physics, 2014, 53, 04EN01. | 1.5 | 20 |
| 89 | Growth and low-energy electron microscopy characterizations of graphene and hexagonal boron nitride. Progress in Crystal Growth and Characterization of Materials, 2016, 62, 155-176. | 4.0 | 20 |
| 90 | Pb preadsorption facilitates island formation during Ge growth on Si(111). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 23-28. | 2.1 | 19 |

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| 91 | Correlation between morphology and transport properties of quasi-free-standing monolayer graphene. Applied Physics Letters, 2014, 105, 221604. | 3.3 | 19 |
| 92 | Influence of graphene on quality factor variation in a silicon ring resonator. Applied Physics Letters, 2014, 104, 091122. | 3.3 | 19 |
| 93 | Step band structures on vicinal Si(111) surfaces created by DC resistive heating. Applied Surface Science, 1992, 60-61, 479-484. | 6.1 | 18 |
| 94 | Real-space observation of (111) facet formation on vicinal Si(111) surfaces. Physical Review B, 1995, 51, 7753-7761. | 3.2 | 18 |
| 95 | Kinetics and Thermodynamics of Surface Steps on Semiconductors. Critical Reviews in Solid State and Materials Sciences, 1999, 24, 227-263. | 12.3 | 18 |
| 96 | Graphene Growth from a Spin-Coated Polymer without a Reactive Gas. Applied Physics Express, 2011, 4, 065102. | 2.4 | 18 |
| 97 | Macroscopic Single-Domain Graphene Growth on Polycrystalline Nickel Surface. Applied Physics Express, 2012, 5, 035501. | 2.4 | 18 |
| 98 | Surface structural changes during the initial growth of Ge on Si(111)7 × 7. Applied Surface Science, 1992, 60-61, 112-119. | 6.1 | 17 |
| 99 | Disordering of Si(111) at high temperatures. Physical Review B, 1998, 58, 12587-12589. | 3.2 | 17 |
| 100 | Step wandering due to the gap in diffusion coefficient on the upper and the lower terraces. Surface Science, 2003, 522, 64-74. | 1.9 | 17 |
| 101 | Electrical Characterization of Bilayer Graphene Formed by Hydrogen Intercalation of Monolayer Graphene on SiC(0001). Japanese Journal of Applied Physics, 2012, 51, 02BN02. | 1.5 | 17 |
| 102 | Chemical Vapor Deposition of Hexagonal Boron Nitride. E-Journal of Surface Science and Nanotechnology, 2012, 10, 133-138. | 0.4 | 17 |
| 103 | On-chip FRET Graphene Oxide Aptasensor: Quantitative Evaluation of Enhanced Sensitivity by Aptamer with a Double-stranded DNA Spacer. Analytical Sciences, 2015, 31, 875-879. | 1.6 | 17 |
| 104 | Orientation-controlled growth of hexagonal boron nitride monolayers templated from graphene edges. Applied Physics Express, 2017, 10, 055102. | 2.4 | 17 |
| 105 | Effects of environmental conditions on the ultrafast carrier dynamics in graphene revealed by terahertz spectroscopy. Physical Review B, 2017, 95, . | 3.2 | 17 |
| 106 | Exchanges between group-III (B, Al, Ga, In) and Si atoms on Si(111)-3×3surfaces. Physical Review B, 1996, 54, 5763-5768. | 3.2 | 16 |
| 107 | Diffusion barrier caused by1×1and7×7on Si(111) during phase transition. Physical Review B, 2001, 64, . | 3.2 | 16 |
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| 109 | Stability and reactivity of steps in the initial stage of graphene growth on the SiC(0001) surface. Physical Review B, 2013, 88, . | 3.2 | 16 |
| 110 | Selective charge doping of chemical vapor deposition-grown graphene by interface modification. Applied Physics Letters, 2013, 103, . | 3.3 | 16 |
| 111 | Synthesis of sub-millimeter single-crystal grains of aligned hexagonal boron nitride on an epitaxial Ni film. Nanoscale, 2019, 11, 14668-14675. | 5.6 | 16 |
| 112 | Boron Nitride Thin Films Grown on Graphitized 6H–SiC Substrates by Metalorganic Vapor Phase Epitaxy. Japanese Journal of Applied Physics, 2007, 46, 2554-2557. | 1.5 | 15 |
| 113 | Boron nitride growth on metal foil using solid sources. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2013, 31, . | 1.2 | 15 |
| 114 | Tuning of quantum interference in top-gated graphene on SiC. Physical Review B, 2013, 88, . | 3.2 | 15 |
| 115 | Photocurrent generation of a single-gate graphene p–n junction fabricated by interfacial modification. Nanotechnology, 2015, 26, 385203. | 2.6 | 15 |
| 116 | Formation of twinned two-bilayer-high islands during initial stages of Si growth on Si(111)-B. Surface Science, 1998, 412-413, 132-140. | 1.9 | 14 |
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| 118 | Probing the extended-state width of disorder-broadened Landau levels in epitaxial graphene. Physical Review B, 2015, 92, . | 3.2 | 14 |
| 119 | Energy Dissipation in Graphene Mechanical Resonators with and without Free Edges. Micromachines, 2016, 7, 158. | 2.9 | 14 |
| 120 | Atomic and electronic structure of Si dangling bonds in quasi-free-standing monolayer graphene. Nano Research, 2018, 11, 864-873. | 10.4 | 14 |
| 121 | Epitaxial Intercalation Growth of Scalable Hexagonal Boron Nitride/Graphene Bilayer Moiré Materials with Highly Convergent Interlayer Angles. ACS Nano, 2021, 15, 14384-14393. | 14.6 | 14 |
| 122 | Enhanced Terrace Stability for Preparation of Step-FreeSi(001)â^'(2×1)Surfaces. Physical Review Letters, 2001, 87, 136103. | 7.8 | 13 |
| 123 | Molecular beam epitaxial growth of graphene and ridge-structure networks of graphene. Journal Physics D: Applied Physics, 2011, 44, 435305. | 2.8 | 13 |
| 124 | Site-Selective Epitaxy of Graphene on Si Wafers. Proceedings of the IEEE, 2013, 101, 1557-1566. | 21.3 | 13 |
| 125 | Epitaxial Trilayer Graphene Mechanical Resonators Obtained by Electrochemical Etching Combined with Hydrogen Intercalation. Japanese Journal of Applied Physics, 2013, 52, 04CH01. | 1.5 | 13 |
| 126 | Energy dissipation in edged and edgeless graphene mechanical resonators. Journal of Applied Physics, 2014, 116, 064304. | 2.5 | 13 |

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| 128 | Epitaxial Graphene Growth Studied by Low-Energy Electron Microscopy and First-Principles. Materials Science Forum, 0, 645-648, 597-602. | 0.3 | 12 |
| 129 | Core-level photoelectron spectroscopy study of interface structure of hydrogen-intercalated graphene onn-type 4H-SiC(0001). Physical Review B, 2013, 88, . | 3.2 | 12 |
| 130 | Graphene Layer Formation on Polycrystalline Nickel Grown by Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2013, 52, 035103. | 1.5 | 12 |
| 131 | Realâ€time scanning tunneling microscopy of phase transition and faceting on a vicinal Si(111) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 1640-1643. | 2.1 | 11 |
| 132 | Trace of interface reconstruction in Ge solid-phase epitaxy on Si(111). Physical Review B, 1994, 49, 5765-5768. | 3.2 | 11 |
| 133 | Exchanges between Si and Pb adatoms on Si(111). Surface Science, 1995, 328, L547-L552. | 1.9 | 11 |
| 134 | Substitution of In for Si adatoms and exchanges between In and Si adatoms on a Si(111)-7×7 surface. Physical Review B, 1997, 55, 7018-7022. | 3.2 | 11 |
| 135 | Molecular beam epitaxial growth of graphene using cracked ethylene — Advantage over ethanol in growth. Diamond and Related Materials, 2013, 34, 84-88. | 3.9 | 11 |
| 136 | <i>In situ</i> scanning electron microscopy of graphene nucleation during segregation of carbon on polycrystalline Ni substrate. Journal Physics D: Applied Physics, 2014, 47, 455301. | 2.8 | 11 |
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| 138 | Atomic Structure and Physical Properties of Epitaxial Graphene Islands Embedded in SiC(0001) Surfaces. Applied Physics Express, 2010, 3, 115103. | 2.4 | 10 |
| 139 | Plasmon transport and its guiding in graphene. New Journal of Physics, 2014, 16, 063055. | 2.9 | 10 |
| 140 | Etchant-free and damageless transfer of monolayer and bilayer graphene grown on SiC. Japanese Journal of Applied Physics, 2014, 53, 115101. | 1.5 | 10 |
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| 145 | Triangular-tiled arrangement of7×7and â€~1×1' domains on Si(111). Physical Review B, 1998, 58, R7500-I | ₹ 7 5£23. | 9 |
| 146 | Growth of Twinned Epitaxial Layers on Si(111)\$sqrt{3}imessqrt{3}\$-B Studied by Low-Energy Electron Microscopy. Japanese Journal of Applied Physics, 2005, 44, 358-364. | 1.5 | 9 |
| 147 | Formation of Oriented Graphene Nanoribbons over Heteroepitaxial Cu Surfaces by Chemical Vapor Deposition. Chemistry of Materials, 2014, 26, 5215-5222. | 6.7 | 9 |
| 148 | Quantum Hall effect in epitaxial graphene with permanent magnets. Scientific Reports, 2016, 6, 38393. | 3.3 | 9 |
| 149 | Ultra-fine metal gate operated graphene optical intensity modulator. Applied Physics Letters, 2016, 109, | 3.3 | 9 |
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| 151 | A Lattice Model for Thermal Decoration and Step Bunching in Vicinal Surface with Sub-Monolayer Adsorbates. E-Journal of Surface Science and Nanotechnology, 2009, 7, 39-44. | 0.4 | 9 |
| 152 | Evaluation of Few-Layer Graphene Grown by Gas-Source Molecular Beam Epitaxy Using Cracked Ethanol. E-Journal of Surface Science and Nanotechnology, 2011, 9, 58-62. | 0.4 | 9 |
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| 154 | Theoretical Study on Epitaxial Graphene Growth by Si Sublimation from SiC(0001) Surface. Japanese Journal of Applied Physics, 2011, 50, 095601. | 1.5 | 9 |
| 155 | Scanning tunneling microscopy observations of Ge solid-phase epitaxy on Si(111). Applied Surface Science, 1994, 82-83, 374-379. | 6.1 | 8 |
| 156 | Thermal decay of superheated7×7islands and supercooled "1×1―vacancy islands on Si(111). Physical Review B, 2005, 72, . | 3.2 | 8 |
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| 159 | Study of Graphene Growth by Gas-Source Molecular Beam Epitaxy Using Cracked Ethanol: Influence of Gas Flow Rate on Graphitic Material Deposition. Japanese Journal of Applied Physics, 2011, 50, 06GE12. | 1.5 | 8 |
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| 169 | Observation of Incomplete Surface Melting of Si Using Medium-Energy Ion Scattering Spectroscopy. Japanese Journal of Applied Physics, 2000, 39, 4421-4424. | 1.5 | 6 |
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