

Alessandra Alberti

List of Publications by Year in descending order

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130
papers

2,725
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135
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135
docs citations

135
times ranked

3982
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Blackâ€Yellow Bandgap Tradeâ€Off During Thermal Stability Tests in Lowâ€Temperature Euâ€Doped CsPbI ₃ . Solar Rrl, 2022, 6, . | 3.1 | 8 |
| 2 | Mesoporous Materials and Nanoscale Phenomena in Hybrid Photovoltaics. Nanomaterials, 2022, 12, 1307. | 1.9 | 0 |
| 3 | Outâ€ofâ€Glovebox Integration of Recyclable Europiumâ€Doped CsPbI ₃ in Tripleâ€Mesoscopic Carbonâ€Based Solar Cells Exceeding 9% Efficiency. Solar Rrl, 2022, 6, . | 3.1 | 9 |
| 4 | Inter-diffusion, melting and reaction interplay in Ni/4H-SiC under excimer laser annealing. Applied Surface Science, 2021, 539, 148218. | 3.1 | 7 |
| 5 | Two-step MAPbI ₃ deposition by low-vacuum proximity-space-effusion for high-efficiency inverted semitransparent perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 16456-16469. | 5.2 | 25 |
| 6 | CsPbBr ₃ , MAPbBr ₃ , and FAPbBr ₃ Bromide Perovskite Single Crystals: Interband Critical Points under Dry N ₂ and Optical Degradation under Humid Air. Journal of Physical Chemistry C, 2021, 125, 4938-4945. | 1.5 | 26 |
| 7 | Optical behaviour of Î³-black CsPbI ₃ phases formed by quenching from 80 Â°C and 325 Â°C. JPhys Materials, 2021, 4, 034011. | 1.8 | 6 |
| 8 | Formation of CsPbI ₃ Î³â€Phase at 80â€%Â°C by Europiumâ€Assisted Snowplow Effect. Advanced Energy and Sustainability Research, 2021, 2, 2100091. | 2.8 | 8 |
| 9 | Exploring the Structural Competition between the Black and the Yellow Phase of CsPbI ₃ . Nanomaterials, 2021, 11, 1282. | 1.9 | 12 |
| 10 | Simulations of the Ultra-Fast Kinetics in Ni-Si-C Ternary Systems under Laser Irradiation. Materials, 2021, 14, 4769. | 1.3 | 6 |
| 11 | MAPbI ₃ Deposition by LV-PSE on TiO ₂ for Photovoltaic Application. Frontiers in Electronics, 2021, 2, . | 2.0 | 1 |
| 12 | Ni/4H-SiC interaction and silicide formation under excimer laser annealing for ohmic contact. Materialia, 2020, 9, 100528. | 1.3 | 12 |
| 13 | Improved Electrical and Structural Stability in HTL-Free Perovskite Solar Cells by Vacuum Curing Treatment. Energies, 2020, 13, 3953. | 1.6 | 7 |
| 14 | Temperature-Dependent Optical Band Gap in CsPbBr ₃ , MAPbBr ₃ , and FAPbBr ₃ Single Crystals. Journal of Physical Chemistry Letters, 2020, 11, 2490-2496. | 2.1 | 173 |
| 15 | Local Order and Rotational Dynamics in Mixed A-Cation Lead Iodide Perovskites. Journal of Physical Chemistry Letters, 2020, 11, 1068-1074. | 2.1 | 31 |
| 16 | Full Efficiency Recovery in Hole-Transporting Layer-Free Perovskite Solar Cells With Free-Standing Dry-Carbon Top-Contacts. Frontiers in Chemistry, 2020, 8, 200. | 1.8 | 8 |
| 17 | Nanostructured TiO ₂ Grown by Low-Temperature Reactive Sputtering for Planar Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 6218-6229. | 2.5 | 27 |
| 18 | Temperature Investigation on 3C-SiC Homo-Epitaxy on Four-Inch Wafers. Materials, 2019, 12, 3293. | 1.3 | 15 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | New Synthetic Route for the Growth of FeOOH/NH_2 -Mil-101 Films on Copper Foil for High Surface Area Electrodes. ACS Omega, 2019, 4, 18495-18501. | 1.6 | 8 |
| 20 | Fast and Efficient Sun Light Photocatalytic Activity of Au-ZnO Core-Shell Nanoparticles Prepared by a One-Pot Synthesis. ACS Omega, 2019, 4, 15061-15066. | 1.6 | 28 |
| 21 | Bimodal Porosity and Stability of a TiO ₂ Gig-Lox Sponge Infiltrated with Methyl-Ammonium Lead Iodide Perovskite. Nanomaterials, 2019, 9, 1300. | 1.9 | 7 |
| 22 | Pb clustering and PbI ₂ nanofragmentation during methylammonium lead iodide perovskite degradation. Nature Communications, 2019, 10, 2196. | 5.8 | 116 |
| 23 | Porous Gig-Lox TiO ₂ Doped with N ₂ at Room Temperature for P-Type Response to Ethanol. Chemosensors, 2019, 7, 12. | 1.8 | 4 |
| 24 | Properties of Al ₂ O ₃ thin films deposited on 4H-SiC by reactive ion sputtering. Materials Science in Semiconductor Processing, 2019, 93, 290-294. | 1.9 | 10 |
| 25 | Morphological and electrical properties of Nickel based Ohmic contacts formed by laser annealing process on n-type 4H-SiC. Materials Science in Semiconductor Processing, 2019, 97, 62-66. | 1.9 | 25 |
| 26 | Nitrogen doped spongy TiO ₂ layers for sensors application. Materials Science in Semiconductor Processing, 2019, 98, 44-48. | 1.9 | 8 |
| 27 | Barrier inhomogeneity in vertical Schottky diodes on free standing gallium nitride. Materials Science in Semiconductor Processing, 2019, 94, 164-170. | 1.9 | 30 |
| 28 | Nitrogen Soaking Promotes Lattice Recovery in Polycrystalline Hybrid Perovskites. Advanced Energy Materials, 2019, 9, 1803450. | 10.2 | 46 |
| 29 | Heterogeneous growth of continuous ZIF-8 films on low-temperature amorphous silicon. Applied Surface Science, 2019, 473, 182-189. | 3.1 | 7 |
| 30 | Simulation of the Growth Kinetics in Group IV Compound Semiconductors. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800597. | 0.8 | 6 |
| 31 | Barrier Inhomogeneity of Ni Schottky Contacts to Bulk GaN. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700613. | 0.8 | 14 |
| 32 | Innovative spongy TiO ₂ layers for gas detection at low working temperature. Sensors and Actuators B: Chemical, 2018, 259, 658-667. | 4.0 | 23 |
| 33 | Structural and Optical Behaviour of MAPbI ₃ Layers in Nitrogen and Humid Air. , 2018, , . | | 0 |
| 34 | Stability and Degradation in Hybrid Perovskites: Is the Glass Half-Empty or Half-Full?. Journal of Physical Chemistry Letters, 2018, 9, 3000-3007. | 2.1 | 102 |
| 35 | Carbonization and transition layer effects on 3C-SiC film residual stress. Journal of Crystal Growth, 2017, 473, 11-19. | 0.7 | 22 |
| 36 | Revealing a Discontinuity in the Degradation Behavior of CH ₃ NH ₃ PbI ₃ during Thermal Operation. Journal of Physical Chemistry C, 2017, 121, 13577-13585. | 1.5 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | First Evidence of CH ₃ NH ₃ Pb ₃ Optical Constants Improvement in a N ₂ Environment in the Range 40–80 Å°C. Journal of Physical Chemistry C, 2017, 121, 7703-7710. | 1.5 | 49 |
| 38 | Ion irradiation of AZO thin films for flexible electronics. Nuclear Instruments & Methods in Physics Research B, 2017, 392, 14-20. | 0.6 | 13 |
| 39 | Pervasive infiltration and multi-branch chemisorption of N-719 molecules into newly designed spongy TiO ₂ layers deposited by gig-lox sputtering processes. Journal of Materials Chemistry A, 2017, 5, 25529-25538. | 5.2 | 12 |
| 40 | Performance of natural-dye-sensitized solar cells by ZnO nanorod and nanowall enhanced photoelectrodes. Beilstein Journal of Nanotechnology, 2017, 8, 287-295. | 1.5 | 21 |
| 41 | Influence of hydrofluoric acid treatment on electroless deposition of Au clusters. Beilstein Journal of Nanotechnology, 2017, 8, 183-189. | 1.5 | 8 |
| 42 | Controlled Al ³⁺ Incorporation in the ZnO Lattice at 188 Å°C by Soft Reactive Co-Sputtering for Transparent Conductive Oxides. Energies, 2016, 9, 433. | 1.6 | 9 |
| 43 | Multi-Scale-Porosity TiO ₂ scaffolds grown by innovative sputtering methods for high throughput hybrid photovoltaics. Scientific Reports, 2016, 6, 39509. | 1.6 | 34 |
| 44 | Strong infrared photoluminescence in highly porous layers of large faceted Si crystalline nanoparticles. Scientific Reports, 2016, 6, 25664. | 1.6 | 11 |
| 45 | Spontaneous bidirectional ordering of CH ₃ NH ₃ ⁺ in lead iodide perovskites at room temperature: The origins of the tetragonal phase. Scientific Reports, 2016, 6, 24443. | 1.6 | 37 |
| 46 | Stability of solution-processed MAPbI ₃ and FAPbI ₃ layers. Physical Chemistry Chemical Physics, 2016, 18, 13413-13422. | 1.3 | 208 |
| 47 | Structural and electronic transitions in GxS_2 | 1.1 | 33 |
| 48 | Voids-Free 3C-SiC/Si Interface for High Quality Epitaxial Layer. Materials Science Forum, 2016, 858, 159-162. | 0.3 | 2 |
| 49 | From PbI ₂ to MAPbI ₃ through Layered Intermediates. Journal of Physical Chemistry C, 2016, 120, 19768-19777. | 1.5 | 26 |
| 50 | Phase Transitions in Ge-Sb-Te Alloys Induced by Ion Irradiations. MRS Advances, 2016, 1, 2701-2709. | 0.5 | 2 |
| 51 | A Comparison Among Low Temperature Piezoelectric Flexible Sensors Based on Polysilicon TFTs for Advanced Tactile Sensing on Plastic. Journal of Display Technology, 2016, 12, 209-213. | 1.3 | 12 |
| 52 | Octahedral faceted Si nanoparticles as optical traps with enormous yield amplification. Scientific Reports, 2015, 5, 8354. | 1.6 | 12 |
| 53 | Similar Structural Dynamics for the Degradation of CH ₃ NH ₃ Pb ₃ in Air and in Vacuum. ChemPhysChem, 2015, 16, 3064-3071. | 1.0 | 80 |
| 54 | Atomistic origins of CH ₃ NH ₃ Pb ₃ degradation to PbI ₂ in vacuum. Applied Physics Letters, 2015, 106, . | 1.5 | 158 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Low-cost high-haze films based on ZnO nanorods for light scattering in thin c-Si solar cells. Applied Physics Letters, 2015, 106, . | 1.5 | 21 |
| 56 | Interface state density evaluation of high quality hetero-epitaxial 3C-SiC(001) for high-power MOSFET applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 198, 14-19. | 1.7 | 15 |
| 57 | Texture of MAPbI ₃ Layers Assisted by Chloride on Flat TiO ₂ Substrates. Journal of Physical Chemistry C, 2015, 119, 19808-19816. | 1.5 | 36 |
| 58 | AlN texturing and piezoelectricity on flexible substrates for sensor applications. Applied Physics Letters, 2015, 106, . | 1.5 | 33 |
| 59 | Low temperature sputtered TiO ₂ nano sheaths on electrospun PES fibers as high porosity photoactive material. RSC Advances, 2015, 5, 73444-73450. | 1.7 | 14 |
| 60 | Electrical Properties Evaluation on High Quality Hetero-Epitaxial 3C-SiC(001) for MOSFET Applications. Materials Science Forum, 2015, 821-823, 773-776. | 0.3 | 3 |
| 61 | Study of the role of particle-particle dipole interaction in dielectrophoretic devices for biomarkers identification. Lecture Notes in Electrical Engineering, 2015, , 9-12. | 0.3 | 3 |
| 62 | Low-temperature flexible piezoelectric AlN capacitor integrated on ultra-flexible poly-Si TFT for advanced tactile sensing. , 2014, , . | | 2 |
| 63 | Nanoscale electrical and structural modification induced by rapid thermal oxidation of AlGaIn/GaN heterostructures. Nanotechnology, 2014, 25, 025201. | 1.3 | 21 |
| 64 | Thermally induced structural modifications of nano-sized anatase films and the effects on the dye-TiO ₂ surface interactions. Applied Surface Science, 2014, 296, 69-78. | 3.1 | 13 |
| 65 | Flexible pH sensors based on polysilicon thin film transistors and ZnO nanowalls. Applied Physics Letters, 2014, 105, . | 1.5 | 71 |
| 66 | A strategy to stabilise the local structure of Ti ⁴⁺ and Zn ²⁺ species against aging in TiO ₂ /aluminium-doped ZnO bi-layers for applications in hybrid solar cells. Journal of Applied Physics, 2014, 116, . | 1.1 | 5 |
| 67 | Elusive Presence of Chloride in Mixed Halide Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2014, 5, 3532-3538. | 2.1 | 175 |
| 68 | Theoretical and experimental study of the role of cell-cell dipole interaction in dielectrophoretic devices: application to polynomial electrodes. BioMedical Engineering OnLine, 2014, 13, 71. | 1.3 | 18 |
| 69 | Combined Strategy to Realize Efficient Photoelectrodes for Low Temperature Fabrication of Dye Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 6425-6433. | 4.0 | 14 |
| 70 | Anatase/Rutile nucleation and growth on (0002) and (11-20) oriented ZnO:Al/glass substrates at 150Å°C. Thin Solid Films, 2014, 555, 3-8. | 0.8 | 19 |
| 71 | Evaluation of 3C-SiC/Si residual stress and curvatures along different wafer direction. Materials Letters, 2014, 118, 130-133. | 1.3 | 8 |
| 72 | Efficiency Enhancement in ZnO:Al-Based Dye-Sensitized Solar Cells Structured with Sputtered TiO ₂ Blocking Layers. Journal of Physical Chemistry C, 2014, 118, 6576-6585. | 1.5 | 29 |

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| 73 | Structural characterization of in situ silicided contacts textured on p-type [001] silicon. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2014, 11, 160-163. | 0.8 | 4 |
| 74 | Role of the early stages of Ni-Si interaction on the formation of transrotational Ni-silicides. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2014, 11, 164-168. | 0.8 | 2 |
| 75 | Role of the early stages of Ni-Si interaction on the structural properties of the reaction products. <i>Journal of Applied Physics</i> , 2013, 114, . | 1.1 | 24 |
| 76 | Giant photoluminescence emission in crystalline faceted Si grains. <i>Scientific Reports</i> , 2013, 3, 2674. | 1.6 | 8 |
| 77 | Silicided Au/Ni bilayer on p-type [0 0 1] silicon for low contact resistance metallization schemes. <i>Microelectronic Engineering</i> , 2013, 107, 196-199. | 1.1 | 5 |
| 78 | Study of the Anchoring Process of Tethered Unsymmetrical Zn-Phthalocyanines on TiO ₂ Nanostructured Thin Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11176-11185. | 1.5 | 22 |
| 79 | Mixed phase Ge ₂ Sb ₂ Te ₅ thin films with temperature independent resistivity. <i>AIP Advances</i> , 2013, 3, . | 0.6 | 7 |
| 80 | Nanoscale study of the current transport through transrotational NiSi/n-Si contacts by conductive atomic force microscopy. <i>Applied Physics Letters</i> , 2012, 101, 261906. | 1.5 | 7 |
| 81 | Role of the Ge surface during the end of range dissolution. <i>Applied Physics Letters</i> , 2012, 101, . | 1.5 | 11 |
| 82 | Rilievo in tempo reale di difetti superficiali su corpi in movimento a velocità elevata con ultrasuoni senza contatto. <i>Frattura Ed Integrità Strutturale</i> , 2012, 6, 93-101. | 0.5 | 1 |
| 83 | Fiber texturing in nano-crystalline TiO ₂ thin films deposited at 150 °C by dc-reactive sputtering on fiber-textured [001] ZnO:Al substrates. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 4355301. | 1.2 | 14 |
| 84 | Electrical Properties of Ultrathin SiO ₂ Layer Deposited at 50 °C by Inductively Coupled Plasma-Enhanced Chemical Vapor Deposition. <i>Applied Physics Express</i> , 2012, 5, 021103. | 1.1 | 11 |
| 85 | Dye-Sensitizing of Self-Nanostructured Ti:(Zn)O/AZO Transparent Electrodes by Self-Assembly of 5,10,15,20-Tetrakis(4-carboxyphenyl)porphyrin. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7760-7767. | 1.5 | 28 |
| 86 | Structural and electrical characterization of silicided Ni/Au contacts formed at low temperature ($300\text{ }^\circ\text{C}$) on p-type [001] silicon. <i>Journal of Applied Physics</i> , 2011, 110, . | 1.1 | 10 |
| 87 | Schottky Barrier Inhomogeneities in Nickel Silicide Transrotational Contacts. <i>Applied Physics Express</i> , 2011, 4, 115701. | 1.1 | 7 |
| 88 | Simultaneous nickel silicidation and silicon crystallization induced by excimer laser annealing on plastic substrate. <i>Applied Physics Letters</i> , 2010, 96, 142113. | 1.5 | 14 |
| 89 | Nickel-affected silicon crystallization and silicidation on polyimide by multipulse excimer laser annealing. <i>Journal of Applied Physics</i> , 2010, 108, . | 1.1 | 8 |
| 90 | Low temperature formation and evolution of a 10 nm amorphous Ni-Si layer on [001] silicon studied by in situ transmission electron microscopy. <i>Journal of Applied Physics</i> , 2009, 105, . | 1.1 | 12 |

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| 91 | Nucleation and growth of NiSi from Ni ₂ Si transrotational domains. Applied Physics Letters, 2007, 90, 053507. | 1.5 | 10 |
| 92 | Temperature Dependent Reaction of Thin Ni-Silicide Transrotational Layers on [001]Si. , 2007, , . | | 1 |
| 93 | Temperature dependence of the specific resistance in Ti ⁺ •Al ⁺ •Ni ⁺ •Au contacts on n-type GaN. Journal of Applied Physics, 2006, 100, 123706. | 1.1 | 80 |
| 94 | Nanoscale carrier transport in Ti ⁺ •Al ⁺ •Ni ⁺ •Au Ohmic contacts on AlGaIn epilayers grown on Si(111). Applied Physics Letters, 2006, 89, 022103. | 1.5 | 68 |
| 95 | Structural characterization of Ni ₂ Si pseudoepitaxial transrotational structures on [001] Si. Acta Crystallographica Section B: Structural Science, 2006, 62, 729-736. | 1.8 | 14 |
| 96 | Microstructure and current transport in Ti/Al/Ni/Au ohmic contacts to n-type AlGaIn epilayers grown on Si(111). Superlattices and Microstructures, 2006, 40, 373-379. | 1.4 | 11 |
| 97 | Ab Initio Investigations of Textured Ni ₂ Si Films on Silicon. ECS Transactions, 2006, 3, 149-155. | 0.3 | 1 |
| 98 | Critical nickel thickness to form silicide transrotational structures on [001] silicon. Applied Physics Letters, 2006, 89, 102105. | 1.5 | 20 |
| 99 | A decision support system for optimising the selection of parameters when planning milling operations. International Journal of Machine Tools and Manufacture, 2005, 45, 201-210. | 6.2 | 29 |
| 100 | Pseudoepitaxial transrotational structures in 14-nm-thick NiSi layers on [001] silicon. Acta Crystallographica Section B: Structural Science, 2005, 61, 486-491. | 1.8 | 25 |
| 101 | Effect of a Ti Cap Layer on the Diffusion of Co Atoms during CoSi ₂ Reaction. Electrochemical and Solid-State Letters, 2005, 8, G47. | 2.2 | 7 |
| 102 | Diffusion phenomena in a Pt/IrO ₂ /Ir/TiN/W multilayer structure during annealing in oxygen. Applied Physics Letters, 2004, 84, 209-211. | 1.5 | 1 |
| 103 | Thin nickel silicide layer formation on silicon on insulator material. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 114-115, 42-45. | 1.7 | 3 |
| 104 | Thermal stability of nickel silicide on silicon on insulator (SOI) material. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 114-115, 228-231. | 1.7 | 7 |
| 105 | Time resolved CoSi ₂ reaction in presence of Ti and TiN cap layers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 114-115, 232-235. | 1.7 | 2 |
| 106 | Time resolved study on Co/Ni/a-Si phase transition during isothermal annealing at 400 °C. Microelectronic Engineering, 2003, 70, 191-195. | 1.1 | 1 |
| 107 | High-resolution investigation of atomic interdiffusion during Co/Ni/Si phase transition. Journal of Applied Physics, 2003, 94, 231-237. | 1.1 | 14 |
| 108 | Effects of N-induced heterogeneous nucleation and growth of cavities at the CoSi ₂ /polycrystalline silicon interface. Applied Physics Letters, 2002, 81, 55-57. | 1.5 | 9 |

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| 109 | Thermal stability of SiO ₂ /CoSi ₂ /polysilicon multilayer structures improved by cavity formation. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 880. | 1.6 | 0 |
| 110 | Correlation between microstructure control, density and diffusion barrier properties of TiN(O) films. Microelectronic Engineering, 2002, 60, 81-87. | 1.1 | 8 |
| 111 | Study of CoSi ₂ thermal stability improved by interfacial cavities. Microelectronic Engineering, 2002, 64, 151-156. | 1.1 | 2 |
| 112 | The effect of the reaction temperature on the thermal stability of polycrystalline CoSi ₂ layers on Si(001). Microelectronic Engineering, 2001, 55, 151-156. | 1.1 | 3 |
| 113 | Structural relationship of polycrystalline cobalt silicide lines to (001) silicon substrate and their thermal stability. Microelectronic Engineering, 2001, 55, 163-169. | 1.1 | 7 |
| 114 | Improvement of CoSi ₂ thermal stability by cavity formation. Applied Physics Letters, 2001, 79, 3419-3421. | 1.5 | 10 |
| 115 | Effect of lateral dimensional scaling on the thermal stability of poly-CoSi ₂ reacted on Si (001). Microelectronic Engineering, 2000, 50, 179-186. | 1.1 | 0 |
| 116 | Effect of lateral dimensional scaling on the thermal stability of thin CoSi ₂ layers reacted on polycrystalline silicon. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 717. | 1.6 | 4 |
| 117 | Structural relationship of polycrystalline cobalt silicide lines to (001) silicon substrate. Applied Physics Letters, 1999, 75, 2924-2926. | 1.5 | 4 |
| 118 | Thermal stability of cobalt silicide stripes on Si (001). Journal of Applied Physics, 1999, 86, 3089-3095. | 1.1 | 21 |
| 119 | Cobalt silicide thermal stability: from blanket thin film to submicrometer lines. Solid-State Electronics, 1999, 43, 1039-1044. | 0.8 | 5 |
| 120 | Thermal stability of thin CoSi ₂ layers on polysilicon implanted with As, BF ₂ , and Si. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 1129. | 1.6 | 24 |
| 121 | Effect of lateral dimension scaling on thermal stability of thin CoSi ₂ layers on polysilicon implanted with Si. Materials Research Society Symposia Proceedings, 1998, 514, 381. | 0.1 | 2 |
| 122 | Thermal stability of thin CoSi ₂ layers grown on amorphous silicon. Microelectronic Engineering, 1997, 37-38, 475-481. | 1.1 | 4 |
| 123 | 3C-SiC Growth on (001) Si Substrates by Using a Multilayer Buffer. Materials Science Forum, 0, 740-742, 263-266. | 0.3 | 2 |
| 124 | Effects of the Growth Rate on the Quality of 4H Silicon Carbide Films for MOSFET Applications. Materials Science Forum, 0, 778-780, 95-98. | 0.3 | 3 |
| 125 | 3C-SiC Polycrystalline Films on Si for Photovoltaic Applications. Materials Science Forum, 0, 821-823, 189-192. | 0.3 | 3 |
| 126 | Metal/P-GaN Contacts on AlGaN/GaN Heterostructures for Normally-Off HEMTs. Materials Science Forum, 0, 858, 1170-1173. | 0.3 | 7 |

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| 127 | Stacking Faults Defects on 3C-SiC Homo-Epitaxial Films. Materials Science Forum, 0, 924, 124-127. | 0.3 | 5 |
| 128 | High Resolution Investigation of Stacking Fault Density by HRXRD and STEM. Materials Science Forum, 0, 963, 346-349. | 0.3 | 5 |
| 129 | Nitrogen soaking promotes lattice recovery in polycrystalline hybrid perovskites. , 0, , . | | 0 |
| 130 | Structural and Electrical Characterization of Ni-Based Ohmic Contacts on 4H-SiC Formed by Solid-State Laser Annealing. Materials Science Forum, 0, 1062, 417-421. | 0.3 | 2 |