

Theodore L Einstein

List of Publications by Year in descending order

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141
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docs citations

143
times ranked

2567
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Two-step unconventional protocol for epitaxial growth in one dimension with hindered reactions. Physical Review E, 2019, 100, 052805. | 2.1 | 1 |
| 2 | Kinetic-thermodynamic model for carbon incorporation during step-flow growth of GaN by metalorganic vapor phase epitaxy. Physical Review Materials, 2019, 3, . | 2.4 | 10 |
| 3 | Strain-controlled magnetic and optical properties of monolayer $\text{H}^{\sim}\text{TaS}_2$. Physical Review Materials, 2019, 3, . | 2.4 | 9 |
| 4 | Patterns of Organics on Substrates with Metallic Surface States: Why?, So??. E-Journal of Surface Science and Nanotechnology, 2018, 16, 201-208. | 0.4 | 1 |
| 5 | Competing growth processes induced by next-nearest-neighbor interactions: Effects on meandering wavelength and stiffness. Physical Review B, 2017, 95, . | 3.2 | 6 |
| 6 | Coverage dependent molecular assembly of anthraquinone on Au(111). Journal of Chemical Physics, 2017, 147, 184701. | 3.0 | 3 |
| 7 | Fragmentation approach to the point-island model with hindered aggregation: Accessing the barrier energy. Physical Review E, 2017, 96, 012804. | 2.1 | 7 |
| 8 | Progress in characterizing submonolayer island growth: Capture-zone distributions, growth exponents, & hot precursors. Journal of Physics: Conference Series, 2015, 640, 012024. | 0.4 | 5 |
| 9 | Chemical insight from density functional modeling of molecular adsorption: Tracking the bonding and diffusion of anthracene derivatives on Cu(111) with molecular orbitals. Journal of Chemical Physics, 2015, 142, 101907. | 3.0 | 7 |
| 10 | How "Hot Precursors" Modify Island Nucleation: A Rate-Equation Model. Physical Review Letters, 2014, 113, 246101. | 7.8 | 18 |
| 11 | Dynamical Scaling Implications of Ferrari, PrÄhofer, and Spohn's Remarkable Spatial Scaling Results for Facet-Edge Fluctuations. Journal of Statistical Physics, 2014, 155, 1178-1190. | 1.2 | 5 |
| 12 | Analyzing capture zone distributions (CZD) in growth: Theory and applications. Journal of Crystal Growth, 2014, 401, 67-71. | 1.5 | 15 |
| 13 | Anisotropic Etching of Atomically Thin MoS_2 . Journal of Physical Chemistry C, 2013, 117, 25643-25649. | 3.1 | 176 |
| 14 | Interacting steps with finite-range interactions: Analytical approximation and numerical results. Physical Review E, 2013, 87, 052405. | 2.1 | 1 |
| 15 | Response of the Shockley surface state to an external electrical field: A density-functional theory study of Cu(111). Physical Review B, 2012, 85, . | 3.2 | 19 |
| 16 | Publisher's Note: Anisotropic surface-state-mediated RKKY interaction between adatoms [Phys. Rev. B85, 045429 (2012)]. Physical Review B, 2012, 85, . | 3.2 | 0 |
| 17 | "The Princess and the Pea" at the Nanoscale: Wrinkling and Delamination of Graphene on Nanoparticles. Physical Review X, 2012, 2, . | 8.9 | 35 |
| 18 | Charge Inhomogeneity Determines Oxidative Reactivity of Graphene on Substrates. ACS Nano, 2012, 6, 8335-8341. | 14.6 | 62 |

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| 19 | Anisotropic surface-state-mediated RKKY interaction between adatoms. <i>Physical Review B</i> , 2012, 85, . | 3.2 | 19 |
| 20 | Mean-field approximation for spacing distribution functions in classical systems. <i>Physical Review E</i> , 2012, 85, 011151. | 2.1 | 1 |
| 21 | Do Two-Dimensional "Noble Gas Atoms" Produce Molecular Honeycombs at a Metal Surface?. <i>Nano Letters</i> , 2011, 11, 2944-2948. | 9.1 | 33 |
| 22 | Monte Carlo study of the honeycomb structure of anthraquinone molecules on Cu(111). <i>Physical Review B</i> , 2011, 83, . | 3.2 | 13 |
| 23 | Voronoi cell patterns: Theoretical model and applications. <i>Physical Review E</i> , 2011, 84, 051135. | 2.1 | 14 |
| 24 | Role of codeposited impurities during growth. I. Explaining distinctive experimental morphology on Cu(001). <i>Physical Review B</i> , 2011, 83, . | 3.2 | 14 |
| 25 | Role of codeposited impurities during growth. II. Dependence of morphology on binding and barrier energies. <i>Physical Review B</i> , 2011, 83, . | 3.2 | 14 |
| 26 | Spacing distribution functions for the one-dimensional point-island model with irreversible attachment. <i>Physical Review E</i> , 2011, 84, 011601. | 2.1 | 22 |
| 27 | Stochastic Models of Epitaxial Growth. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1318, 1. | 0.1 | 0 |
| 28 | Coalescence of 3-phenyl-propynenitrile on Cu(111) into interlocking pinwheel chains. <i>Journal of Chemical Physics</i> , 2011, 135, 134705. | 3.0 | 2 |
| 29 | Epitaxial Growth Writ Large. <i>Science</i> , 2010, 327, 423-424. | 12.6 | 16 |
| 30 | Effective elastic properties of a van der Waals molecular monolayer at a metal surface. <i>Physical Review B</i> , 2010, 82, . | 3.2 | 18 |
| 31 | Strong Quantum Size Effects in Pb(111) Thin Films Mediated by Anomalous Friedel Oscillations. <i>Physical Review Letters</i> , 2010, 105, 066101. | 7.8 | 35 |
| 32 | Publisher's Note: Effective elastic properties of a van der Waals molecular monolayer at a metal surface [<i>Phys. Rev. B</i> 82, 201410 (2010)]. <i>Physical Review B</i> , 2010, 82, . | 3.2 | 0 |
| 33 | Adsorbates in a Box: Titration of Substrate Electronic States. <i>Physical Review Letters</i> , 2010, 105, 066104. | 7.8 | 41 |
| 34 | One-dimensional model of interacting-step fluctuations on vicinal surfaces: Analytical formulas and kinetic Monte Carlo simulations. <i>Physical Review E</i> , 2010, 82, 061601. | 2.1 | 7 |
| 35 | Pimpinelli and Einstein Reply:. <i>Physical Review Letters</i> , 2010, 104, . | 7.8 | 31 |
| 36 | Power of Confinement: Adsorbate Dynamics on Nanometer-Scale Exposed Facets. <i>Nano Letters</i> , 2010, 10, 3700-3703. | 9.1 | 20 |

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| 37 | Rings sliding on a honeycomb network: Adsorption contours, interactions, and assembly of benzene on Cu(111). <i>Physical Review B</i> , 2009, 80, . | 3.2 | 73 |
| 38 | Terrace-width distributions of touching steps: Modification of the fermion analogy with implications for measuring step-step interactions. <i>Physical Review B</i> , 2009, 80, . | 3.2 | 5 |
| 39 | Impurity Decoration for Crystal Shape Control: C_{60} on Ag(111). <i>Physical Review Letters</i> , 2009, 102, 085501. | 7.8 | 11 |
| 40 | Narrowing of terrace-width distributions during growth on vicinal surfaces. <i>Europhysics Letters</i> , 2009, 88, 26005. | 2.0 | 8 |
| 41 | Effects of impurities on surface morphology: some examples. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 084215. | 1.8 | 9 |
| 42 | Understanding surface limiting processes occurring during the relaxation of steps on vicinal surfaces. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 355001. | 1.8 | 4 |
| 43 | Effect of impurities on pentacene island nucleation. <i>Physical Review B</i> , 2008, 77, . | 3.2 | 28 |
| 44 | Step line tension and step morphological evolution on the Si(111) $\langle \cos(\theta) \rangle$. <i>Physical Review B</i> , 2008, 77, . | 3.2 | 34 |
| 45 | Capture-Zone Scaling in Island Nucleation: Universal Fluctuation Behavior. <i>Physical Review Letters</i> , 2007, 99, 226102. | 7.8 | 71 |
| 46 | Analytic Formulas for the Orientation Dependence of Step Stiffness and Line Tension: Key Ingredients for Numerical Modeling. <i>Multiscale Modeling and Simulation</i> , 2007, 6, 90-104. | 1.6 | 14 |
| 47 | Metal-Molecule Interface Fluctuations. <i>Nano Letters</i> , 2007, 7, 1495-1499. | 9.1 | 13 |
| 48 | Step fluctuations on Ag(111) surfaces with C ₆₀ . <i>Physical Review B</i> , 2006, 73, . | 3.2 | 15 |
| 49 | Refined evaluation of the level-spacing distribution of symplectic ensembles: Moments and implications. <i>Physical Review E</i> , 2006, 73, 017101. | 2.1 | 1 |
| 50 | Distinctive Fluctuations in a Confined Geometry. <i>Physical Review Letters</i> , 2006, 97, 080601. | 7.8 | 27 |
| 51 | Step-position distributions and the pairwise Einstein model for steps on crystal surfaces. <i>Physical Review B</i> , 2006, 73, . | 3.2 | 3 |
| 52 | Extended lattice gas interactions of Cu on Cu(111) and Cu(001): An initial evaluation and implications. <i>Physical Review B</i> , 2006, 73, . | 3.2 | 34 |
| 53 | Correlations in nanoscale step fluctuations: Comparison of simulation and experiments. <i>Physical Review B</i> , 2006, 73, . | 3.2 | 4 |
| 54 | Beyond the Wigner distribution: Schrödinger equations and terrace width distributions. <i>Physical Review E</i> , 2005, 72, 016124. | 2.1 | 11 |

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| 55 | Evolution of Terrace-Width Distributions on Vicinal Surfaces: Fokker-Planck Derivation of the Generalized Wigner Surmise. <i>Physical Review Letters</i> , 2005, 95, 246101. | 7.8 | 21 |
| 56 | Fluctuations, line tensions, and correlation times of nanoscale islands on surfaces. <i>Physical Review B</i> , 2005, 71, . | 3.2 | 11 |
| 57 | Low-temperature orientation dependence of step stiffness on {111} surfaces. <i>Physical Review B</i> , 2005, 71, . | 3.2 | 29 |
| 58 | Effects of next-nearest-neighbor interactions on the orientation dependence of step stiffness: Reconciling theory with experiment for Cu(001). <i>Physical Review B</i> , 2004, 70, . | 3.2 | 28 |
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| 60 | Analysis of terrace-width distributions using the generalized Wigner surmise: Calibration using Monte Carlo and transfer-matrix calculations. <i>Physical Review B</i> , 2004, 69, . | 3.2 | 18 |
| 61 | Applications of Ideas from Random Matrix Theory to Step Distributions on "Misoriented" Surfaces. <i>Annales Henri Poincare</i> , 2003, 4, 811-824. | 1.7 | 18 |
| 62 | Orientation dependence of the Cu(001) surface step stiffness: Failure of solid-on-solid and Ising models to describe experimental data. <i>Physical Review B</i> , 2003, 67, . | 3.2 | 42 |
| 63 | Dynamics of step fluctuations on a chemically heterogeneous surface of Al/Si(111)-(3Å-3). <i>Physical Review B</i> , 2002, 66, . | 3.2 | 18 |
| 64 | Si(111) step fluctuations at high temperature: Anomalous step-step repulsion. <i>Physical Review B</i> , 2002, 66, . | 3.2 | 20 |
| 65 | Step Fluctuations: From Equilibrium Analysis to Step Unbunching and Cluster Diffusion in a Unified Picture. , 2002, , 83-96. | | 0 |
| 66 | Surface-state-mediated three-adsorbate interaction. <i>Europhysics Letters</i> , 2002, 59, 265-271. | 2.0 | 37 |
| 67 | SCHRIEFFER'S CONTRIBUTIONS TO SURFACE PHYSICS. <i>World Scientific Series in 20th Century Physics</i> , 2002, , 305-310. | 0.0 | 0 |
| 68 | Influence of the electrochemical potential on energy landscapes near step- and island-edges: Ag(100) and Ag(111). <i>Applied Surface Science</i> , 2001, 175-176, 49-54. | 6.1 | 11 |
| 69 | Electromigration of single-layer clusters. <i>Physical Review B</i> , 2000, 62, 13697-13706. | 3.2 | 51 |
| 70 | Decay of Silicon Mounds: Scaling Laws and Description with Continuum Step Parameters. <i>Physical Review Letters</i> , 2000, 84, 3662-3665. | 7.8 | 49 |
| 71 | Edge Diffusion during Growth: The Kink Ehrlich-Schwoebel Effect and Resulting Instabilities. <i>Physical Review Letters</i> , 1999, 82, 3661-3664. | 7.8 | 169 |
| 72 | Influence of The Electrochemical Environment on Diffusion Processes Near Step and Island Edges: Ag(111) and Ag(100). <i>Materials Research Society Symposia Proceedings</i> , 1999, 580, 195. | 0.1 | 3 |

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| 73 | Unified view of step-edge kinetics and fluctuations. <i>Physical Review B</i> , 1998, 57, 4782-4797. | 3.2 | 99 |
| 74 | Fluctuations of Step Edges: Revelations About Atomic Processes Underlying Surface Mass Transport. <i>Materials Research Society Symposia Proceedings</i> , 1998, 528, 237. | 0.1 | 2 |
| 75 | Oscillatory interaction of steps on $W\{110\}$. <i>Physical Review B</i> , 1996, 54, 2910-2916. | 3.2 | 15 |
| 76 | Bending-rigidity-driven transition and crumpling-point scaling of lattice vesicles. <i>Physical Review E</i> , 1996, 53, 5800-5807. | 2.1 | 8 |
| 77 | Brownian motion and shape fluctuations of single-layer adatom and vacancy clusters on surfaces: Theory and simulations. <i>Physical Review B</i> , 1996, 54, 11752-11761. | 3.2 | 120 |
| 78 | Phase diagram of a two-dimensional lattice-gas model of oxygen ordering in $YBa_2Cu_3O_z$ with realistic interactions. <i>Physical Review B</i> , 1995, 52, 9784-9792. | 3.2 | 24 |
| 79 | Diffusion of Monolayer Adatom and Vacancy Clusters: Langevin Analysis and Monte Carlo Simulations of their Brownian Motion. <i>Physical Review Letters</i> , 1995, 75, 2148-2151. | 7.8 | 163 |
| 80 | Brownian motion of steps on $Si(111)$. <i>Physical Review B</i> , 1993, 48, 15453-15456. | 3.2 | 148 |
| 81 | Step doubling and related transitions on vicinal surfaces. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1992, 10, 2600-2605. | 2.1 | 19 |
| 82 | Self-avoiding surfaces, topology, and lattice animals. <i>Physical Review Letters</i> , 1992, 69, 3650-3653. | 7.8 | 21 |
| 83 | Distribution of terrace widths on a vicinal surface within the one-dimensional free-fermion model. <i>Physical Review B</i> , 1991, 43, 8153-8162. | 3.2 | 99 |
| 84 | Multisite lateral interactions and their consequences. <i>Langmuir</i> , 1991, 7, 2520-2527. | 3.5 | 49 |
| 85 | Self-avoiding random surfaces: Monte Carlo study using oct-tree data-structure. <i>Journal of Physics A</i> , 1991, 24, 4619-4635. | 1.6 | 25 |
| 86 | Terrace-Width Distributions on Vicinal $Si(111)$. <i>Physical Review Letters</i> , 1991, 66, 677-677. | 7.8 | 2 |
| 87 | First-order transitions between surface phases with different step structures. <i>Physical Review Letters</i> , 1991, 66, 961-961. | 7.8 | 39 |
| 88 | Terrace-width distributions on vicinal $Si(111)$. <i>Physical Review Letters</i> , 1990, 65, 2430-2433. | 7.8 | 167 |
| 89 | Disordering of the $(\sqrt{3}\times\sqrt{3})$ reconstruction on $Si(113)$ and the chiral three-state Potts model. <i>Physical Review Letters</i> , 1990, 64, 2410-2413. | 7.8 | 56 |
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| 92 | Critical Phenomena of Surface Phase Transitions: Theoretical Studies of the Structure Factor. Springer Series in Surface Sciences, 1988, , 475-479. | 0.3 | 0 |
| 93 | On the universality class of planar self-avoiding surfaces with fixed boundary. Journal of Physics A, 1987, 20, L105-L111. | 1.6 | 21 |
| 94 | Reaction and structure of Ti on Si probed by surface extended energy-loss fine structure and extended appearance potential fine structure. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 847-851. | 2.1 | 8 |
| 95 | Angular momentum branching ratios for electron-induced ionization: Atomic and model calculations. Physical Review B, 1987, 36, 9011-9024. | 3.2 | 13 |
| 96 | Structure factors associated with the melting of a (31) ordered phase on a centered-rectangular lattice gas: Effective scaling in a three-state chiral-clock-like model. Physical Review B, 1987, 35, 4812-4818. | 3.2 | 22 |
| 97 | Structure factors associated with the continuous melting of two-dimensional lattice gases: Models with $(\sqrt{3}\sqrt{3})R30^\circ$ and $(2\sqrt{2})$ ordered states on triangular nets. Physical Review B, 1987, 35, 1776-1790. | 3.2 | 43 |
| 98 | Summary Abstract: Structure factors of two-dimensional lattice gases: Theoretical investigation of some aspects of the capability of low-energy electron diffraction to measure critical phenomena of surface phase transitions. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 647-648. | 2.1 | 0 |
| 99 | Structure factors associated with melting of a $p(22)$ ordered phase on a honeycomb lattice gas: Possible critical scattering at a first-order transition. Physical Review B, 1987, 35, 6786-6791. | 3.2 | 12 |
| 100 | Electron-induced extended-fine-structure measurements of thin-film growth and reaction. Physical Review B, 1987, 36, 5941-5948. | 3.2 | 19 |
| 101 | Proposed decorated lattice-gas model of H/Pd(100). Physical Review Letters, 1987, 59, 244-244. | 7.8 | 7 |
| 102 | Wavevector scaling, surface critical behavior, and wetting in the 2-d, 3-state chiral clock model. European Physical Journal B, 1987, 67, 357-361. | 1.5 | 8 |
| 103 | Finite-size effects on the critical structure factor of the two-dimensional Ising model. Journal of Physics A, 1986, 19, 1429-1438. | 1.6 | 19 |
| 104 | Transfer-matrix approach to estimating coverage discontinuities and multicritical-point positions in two-dimensional lattice-gas phase diagrams. Physical Review B, 1986, 34, 1616-1623. | 3.2 | 63 |
| 105 | Comment on "Reliability of low-energy electron diffraction for studies of surface order-disorder phenomena". Physical Review Letters, 1986, 56, 2881-2881. | 7.8 | 16 |
| 106 | Two-dimensional ordering of chlorine on Ag(100). Physical Review B, 1985, 32, 4653-4659. | 3.2 | 55 |
| 107 | Summary Abstract: Studying surface phase transitions with probes of short range order. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1985, 3, 1568-1569. | 2.1 | 6 |
| 108 | Phase Diagram of Selenium Adsorbed on the Ni(100) Surface: A Physical Realization of the Ashkin-Teller Model. Physical Review Letters, 1985, 54, 1539-1542. | 7.8 | 66 |

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| 109 | Theory and feasibility of using low-energy electron diffraction to study specific-heat anomalies at surface phase transitions. <i>Physical Review B</i> , 1985, 32, 2993-3002. | 3.2 | 71 |
| 110 | Measurement of the Specific Heat Critical Exponent Using LEED. <i>Springer Series in Surface Sciences</i> , 1985, , 357-360. | 0.3 | 2 |
| 111 | Optimization of data end points and taper width in extended absorption fine-structure analysis. <i>Physical Review B</i> , 1984, 29, 1048-1049. | 3.2 | 2 |
| 112 | Triangular lattice gas with first- and second-neighbor exclusions: Continuous transition in the four-state Potts universality class. <i>Physical Review B</i> , 1984, 30, 5339-5341. | 3.2 | 19 |
| 113 | Summary Abstract: Pseudodipole selection rules for extended fine structure in APS: Calculations and applications. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1984, 2, 862-863. | 2.1 | 5 |
| 114 | Summary Abstract: Relationship between many-parameter lattice gas systems and simpler models: Easy approximations for Tc. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1984, 2, 1006-1007. | 2.1 | 5 |
| 115 | Summary Abstract: $(2\tilde{A}-2)$ phase transitions on honeycomb lattices. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1983, 1, 1217-1218. | 2.1 | 8 |
| 116 | Extended Fine Structure in APS. <i>Springer Series in Chemical Physics</i> , 1983, , 391-393. | 0.2 | 1 |
| 117 | Extended absorption fine structure analysis of surface structure. <i>Applications of Surface Science</i> , 1982, 11-12, 42-63. | 1.0 | 35 |
| 118 | Critical Phenomena of Chemisorbed Overlayers. <i>Springer Series in Chemical Physics</i> , 1982, , 251-280. | 0.2 | 5 |
| 119 | Two-dimensional chemisorbed phases. <i>Journal of Vacuum Science and Technology</i> , 1981, 18, 492-499. | 1.9 | 51 |
| 120 | Roelofs, Bartelt, and Einstein Respond. <i>Physical Review Letters</i> , 1981, 47, 1348-1348. | 7.8 | 11 |
| 121 | Critical Exponents of a Four-State Potts Chemisorbed Overlayer: $p(2\tilde{A}-2)$ Oxygen on Ni(111). <i>Physical Review Letters</i> , 1981, 46, 1465-1468. | 7.8 | 118 |
| 122 | Summary Abstract: Oxidation studies by extended appearance potential fine structure (EAPFS). <i>Journal of Vacuum Science and Technology</i> , 1981, 18, 490-491. | 1.9 | 9 |
| 123 | Extended Appearance Potential Fine Structure (EAPFS) as a Tool for Analyzing the Geometrical Properties of Solid Surfaces. , 1981, , 667-670. | | 0 |
| 124 | Effect of the central atom potential on the extended fine structure above appearance potential thresholds. <i>Physical Review B</i> , 1980, 21, 2108-2121. | 3.2 | 15 |
| 125 | Extended appearance potential fine structure analysis of oxidized metal surfaces. <i>Journal of Vacuum Science and Technology</i> , 1980, 17, 59-62. | 1.9 | 16 |
| 126 | Summary Abstract: O/Ni(111): Adlayer phases and binding sites. <i>Journal of Vacuum Science and Technology</i> , 1980, 17, 231-232. | 1.9 | 19 |

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| 128 | Theoretical Issues in Chemisorption. Topics in Current Physics, 1980, , 183-235. | 0.5 | 10 |
| 129 | Adlayer-induced LEED beams near order-disorder transitions. Journal of Vacuum Science and Technology, 1979, 16, 478-482. | 1.9 | 29 |
| 130 | The three-atom non-pairwise (O_2) interaction, with implications for Monte Carlo simulations of O/W(110). Surface Science, 1979, 84, L497-L504. | 1.9 | 64 |
| 131 | The shapes of islands of chemisorbed atoms as a probe of long-range interatom interactions. Surface Science, 1979, 83, 141-161. | 1.9 | 11 |
| 132 | Theory of indirect interaction between chemisorbed atoms. Critical Reviews in Solid State and Materials Sciences, 1978, 7, 261-288. | 12.3 | 146 |
| 133 | Comment on "Oscillatory indirect interaction between adsorbed atoms" Non-asymptotic behavior in tight-binding models at realistic parameters by K.H. Lau and W. Kohn. Surface Science, 1978, 75, 161-167. | 1.9 | 58 |
| 134 | Multiatom effects in the chemisorption energy of ordered overlayers. Physical Review B, 1977, 16, 3411-3414. | 3.2 | 30 |
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| 136 | Short-chain model of chemisorption: Exact and approximate results. Physical Review B, 1975, 11, 577-587. | 3.2 | 38 |
| 137 | Theory of Chemisorption in Relation to Heterogeneous Catalysis. , 1975, , 295-316. | | 3 |
| 138 | Changes in density of states caused by chemisorption, with implications for photoemission. Surface Science, 1974, 45, 713-720. | 1.9 | 43 |
| 139 | Surface Density of States on Crystalline Transition Metal Substrates. Japanese Journal of Applied Physics, 1974, 13, 691. | 1.5 | 17 |
| 140 | Statistical Mechanics of a Simple Model of a Displacive Ferroelectric. Physical Review B, 1973, 7, 1932-1949. | 3.2 | 14 |
| 141 | Indirect Interaction between Adatoms on a Tight-Binding Solid. Physical Review B, 1973, 7, 3629-3648. | 3.2 | 520 |