

# Thomas Greber

## List of Publications by Year in descending order

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229  
docs citations

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times ranked

9189  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Synthesis of a magnetic $\pi$ -extended carbon nanosolenoid with Riemann surfaces. Nature Communications, 2022, 13, 1239.   | 12.8 | 20        |
| 2  | Metamagnetic transition and a loss of magnetic hysteresis caused by electron trapping in monolayers of single-molecule magnet $\text{Tb}_2\text{C}_{79}\text{N}$ . Nanoscale, 2022, 14, 9877-9892.  | 5.6  | 6         |
| 3  | (Invited) The Role of Gd in the $\text{Dy}_2\text{GdN}@C_{80}$ single Molecule Magnet. ECS Meeting Abstracts, 2021, MA2021-01, 630-630.   | 0.0  | 0         |
| 4  | Ferromagnetic insulating epitaxially strained $\text{La}_2\text{NiMnO}_6$ thin films grown by sputter deposition. APL Materials, 2021, 9, .   | 5.1  | 8         |
| 5  | Wafer-scale, epitaxial growth of single layer hexagonal boron nitride on Pt(111). JPhys Materials, 2021, 4, 044012.   | 4.2  | 5         |
| 6  | Gadolinium as an accelerator for reaching thermal equilibrium and its influence on the ground state of $\text{C}_{80}\text{Dy}_{20}$ single-molecule magnets. Physical Review B, 2021, 103, .   |      |           |
| 7  | High-Quality Hexagonal Boron Nitride from 2D Distillation. ACS Nano, 2021, 15, 1351-1357.   | 14.6 | 7         |
| 8  | Plasmonic Graphene Organic Hybrid Phase Modulator with 10 $\mu\text{m}$ Length, $>70$ GHz Bandwidth and 4.5 dB Insertion Loss. , 2021, , .  |      | 1         |
| 9  | Precise measurement of angles between two magnetic moments and their configurational stability in single-molecule magnets. Physical Review B, 2021, 104, .  | 3.2  | 5         |
| 10 | Quasicrystals and their Approximants in 2D Ternary Oxides. Physica Status Solidi (B): Basic Research, 2020, 257, 1900624.   | 1.5  | 13        |
| 11 | Single-Molecule Magnets $\text{DyM}_2\text{N}@C_{80}$ and $\text{Dy}_2\text{MN}@C_{80}$ (M=Sc, Lu): The Impact of Diamagnetic Metals on $\text{Dy}^{3+}$ Magnetic Anisotropy, $\text{Dy}^{\dots}\text{Dy}$ Coupling, and Mixing of Molecular and Lattice Vibrations. Chemistry - A European Journal, 2020, 26, 2436-2449. | 3.3  | 23        |
| 12 | Magnetic hysteresis and strong ferromagnetic coupling of sulfur-bridged Dy ions in clusterfullerene $\text{Dy}_2\text{S}@C_{82}$ . Inorganic Chemistry Frontiers, 2020, 7, 3521-3532.   | 6.0  | 12        |
| 13 | Sub-Kelvin hysteresis of the dilanthanide single-molecule magnet $\text{C}_{80}\text{Tb}_2$ . Physical Review B, 2020, 101, .   | 3.2  | 10        |
| 14 | Laser-induced field emission from a tungsten nanotip by circularly polarized femtosecond laser pulses. Physical Review B, 2020, 101, .  | 3.2  | 8         |
| 15 | Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.   | 4.4  | 333       |
| 16 | The true corrugation of a h-BN nanomesh layer. 2D Materials, 2020, 7, 035006.   | 4.4  | 9         |
| 17 | Catalyst Proximity-Induced Functionalization of h-BN with Quat Derivatives. Nano Letters, 2019, 19, 5998-6004.  | 9.1  | 7         |
| 18 | Air-stable redox-active nanomagnets with lanthanide spins radical-bridged by a metal-metal bond. Nature Communications, 2019, 10, 571.  | 12.8 | 112       |

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|----|--|------|-----------|
| 19 | Original dichroism and angular deviation in x-ray absorption spectra of $C_{80}$ single-molecule magnets on $h\text{-BN}$ . <i>Physical Review Materials</i> , 2019, 3, .  | 2.4  | 12        |
| 20 | Remote doping of graphene on $\text{SiO}_2$ with 5 keV x-rays in air. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, 020603.  | 2.1  | 1         |
| 21 | Parallel and antiparallel angular momentum transfer of circularly polarized light to photoelectrons and Auger electrons at the Ni L3 absorption threshold. <i>Physical Review B</i> , 2018, 97, .                    | 3.2  | 4         |
| 22 | The $4\pi$ periodicity in photoemission from graphite. <i>Physical Review B</i> , 2018, 97, .  | 3.2  | 23        |
| 23 | Centimeter-Sized Single-Orientation Monolayer Hexagonal Boron Nitride With or Without Nanovoids. <i>Nano Letters</i> , 2018, 18, 1205-1212.  | 9.1  | 40        |
| 24 | Flattening and manipulation of the electronic structure of $h\text{-BN}/\text{Rh}(111)$ nanomesh upon Sn intercalation. <i>Surface Science</i> , 2018, 672-673, 33-38.   | 1.9  | 2         |
| 25 | Electronic Properties of Transferable Atomically Thin $\text{MoSe}_2/h\text{-BN}$ Heterostructures Grown on $\text{Rh}(111)$ . <i>ACS Nano</i> , 2018, 12, 11161-11168.  | 14.6 | 17        |
| 26 | Electrostatic Interaction across a Single-Layer Carbon Shell. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3586-3590.   | 4.6  | 6         |
| 27 | Upstanding molecule reveals orbital wavefunction. <i>Nature</i> , 2018, 558, 525-526.  | 27.8 | 1         |
| 28 | Strong carbon cage influence on the single molecule magnetism in $\text{Dy}^{\text{III}}/\text{Sc}$ nitride clusterfullerenes. <i>Chemical Communications</i> , 2018, 54, 9730-9733.                                 | 4.1  | 23        |
| 29 | An electron acceptor molecule in a nanomesh: F4TCNQ on $h\text{-BN}/\text{Rh}(111)$ . <i>Surface Science</i> , 2018, 678, 183-188.   | 1.9  | 8         |
| 30 | Mononuclear Clusterfullerene Single-Molecule Magnet Containing Strained Fused Pentagons Stabilized by a Nearly Linear Metal Cyanide Cluster. <i>Angewandte Chemie</i> , 2017, 129, 1856-1860.                        | 2.0  | 21        |
| 31 | Mononuclear Clusterfullerene Single-Molecule Magnet Containing Strained Fused Pentagons Stabilized by a Nearly Linear Metal Cyanide Cluster. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1830-1834. | 13.8 | 64        |
| 32 | Reading and writing single-atom magnets. <i>Nature</i> , 2017, 543, 226-228.   | 27.8 | 319       |
| 33 | Surface science at the PEARL beamline of the Swiss Light Source. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 354-366.  | 2.4  | 66        |
| 34 | Fermi surface map of large-scale single-orientation graphene on $\text{SiO}_2$ . <i>Journal of Physics Condensed Matter</i> , 2017, 29, 475001.  | 1.8  | 5         |
| 35 | Switching Molecular Conformation with the Torque on a Single Magnetic Moment. <i>Physical Review Letters</i> , 2017, 119, 237202.  | 7.8  | 16        |
| 36 | Tau Zero: In the cockpit of a Bussard ramjet. <i>American Journal of Physics</i> , 2017, 85, 915-920.  | 0.7  | 4         |

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|----|--|------|-----------|
| 37 | Single molecule magnet with an unpaired electron trapped between two lanthanide ions inside a fullerene. <i>Nature Communications</i> , 2017, 8, 16098.  | 12.8 | 189       |
| 38 | Selective arc-discharge synthesis of Dy <sub>2</sub> S-clusterfullerenes and their isomer-dependent single molecule magnetism. <i>Chemical Science</i> , 2017, 8, 6451-6465.   | 7.4  | 58        |
| 39 | Characterization of a cold cathode Penning ion source for the implantation of noble gases beneath 2D monolayers on metals: Ions and neutrals. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2016, 34, .  | 2.1  | 9         |
| 40 | Some Like It Flat: Decoupled h-BN Monolayer Substrates for Aligned Graphene Growth. <i>ACS Nano</i> , 2016, 10, 11187-11195.   | 14.6 | 20        |
| 41 | Self-assembly of nanoscale lateral segregation profiles. <i>Physical Review B</i> , 2016, 93, .  | 3.2  | 7         |
| 42 | Triangular Monometallic Cyanide Cluster Entrapped in Carbon Cage with Geometry-Dependent Molecular Magnetism. <i>Journal of the American Chemical Society</i> , 2016, 138, 14764-14771.  | 13.7 | 85        |
| 43 | Switching stiction and adhesion of a liquid on a solid. <i>Nature</i> , 2016, 534, 676-679.  | 27.8 | 65        |
| 44 | Circular Dichroism in Cu Resonant Auger Electron Diffraction. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 519-535.  | 2.8  | 5         |
| 45 | Microscopic origin of chiral shape induction in achiral crystals. <i>Nature Chemistry</i> , 2016, 8, 326-330.  | 13.6 | 68        |
| 46 | Methane as a Selectivity Booster in the Arc-Discharge Synthesis of Endohedral Fullerenes: Selective Synthesis of the Single-Molecule Magnet Dy <sub>2</sub> TiC@C <sub>80</sub> and Its Congener Dy <sub>2</sub> TiC <sub>2</sub> @C <sub>80</sub> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13411-13415. | 13.8 | 74        |
| 47 | Surface Aligned Magnetic Moments and Hysteresis of an Endohedral Single-Molecule Magnet on a Metal. <i>Physical Review Letters</i> , 2015, 114, 087201.  | 7.8  | 62        |
| 48 | Ar implantation beneath graphene on Ru(0001): Nanotents and the can-opener effect. <i>Surface Science</i> , 2015, 634, 95-102.   | 1.9  | 19        |
| 49 | High quality single atomic layer deposition of hexagonal boron nitride on single crystalline Rh(111) four-inch wafers. <i>Review of Scientific Instruments</i> , 2014, 85, 035101.   | 1.3  | 46        |
| 50 | X-ray induced demagnetization of single-molecule magnets. <i>Applied Physics Letters</i> , 2014, 105, .  | 3.3  | 34        |
| 51 | Low cost photoelectron yield setup for surface process monitoring. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2014, 32, 023202.   | 2.1  | 4         |
| 52 | Two-Nanometer Voids in Single-Layer Hexagonal Boron Nitride: Formation via the can-opener Effect and Annihilation by Self-Healing. <i>ACS Nano</i> , 2014, 8, 7423-7431.   | 14.6 | 31        |
| 53 | The Metallofullerene Field-Induced Single-Ion Magnet HoSc <sub>2</sub> N@C <sub>80</sub> . <i>Chemistry - A European Journal</i> , 2014, 20, 13536-13540.  | 3.3  | 65        |
| 54 | Implantation Length and Thermal Stability of Interstitial Ar Atoms in Boron Nitride Nanotents. <i>ACS Nano</i> , 2014, 8, 1014-1021.   | 14.6 | 17        |

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|----|---|------|-----------|
| 55 | Tunneling, remanence, and frustration in dysprosium-based endohedral single-molecule magnets. <i>Physical Review B</i> , 2014, 89, .  | 3.2  | 91        |
| 56 | Cluster-size dependent internal dynamics and magnetic anisotropy of Ho ions in $\text{HoM}_2\text{N@C}_{80}$ and $\text{Ho}_2\text{MN@C}_{80}$ families (M = Sc, Lu, Y). <i>Nanoscale</i> , 2014, 6, 11431-11438. | 5.6  | 25        |
| 57 | Note: An ion source for alkali metal implantation beneath graphene and hexagonal boron nitride monolayers on transition metals. <i>Review of Scientific Instruments</i> , 2013, 84, 126104.                       | 1.3  | 4         |
| 58 | Trends in Adsorption Characteristics of Benzene on Transition Metal Surfaces: Role of Surface Chemistry and van der Waals Interactions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20572-20583.          | 3.1  | 147       |
| 59 | Moiré beatings in graphene on Ru(0001). <i>Physical Review B</i> , 2013, 88, .  | 3.2  | 38        |
| 60 | Formation of one-dimensional self-assembled silicon nanoribbons on Au(110)-(2 $\times$ 1). <i>Applied Physics Letters</i> , 2013, 102, .  | 3.3  | 116       |
| 61 | Immobilizing Individual Atoms beneath a Corrugated Single Layer of Boron Nitride. <i>Nano Letters</i> , 2013, 13, 2098-2103.  | 9.1  | 57        |
| 62 | Chemical Vapor Deposition and Characterization of Aligned and Incommensurate Graphene/Hexagonal Boron Nitride Heterostack on Cu(111). <i>Nano Letters</i> , 2013, 13, 2668-2675.                                  | 9.1  | 113       |
| 63 | Electronic Structure of an Organic/Metal Interface: Pentacene/Cu(110). <i>Journal of Physical Chemistry C</i> , 2012, 116, 23465-23471.   | 3.1  | 49        |
| 64 | Chiral Distortion of Confined Ice Oligomers ( $n = 5,6$ ). <i>Langmuir</i> , 2012, 28, 15246-15250.   | 3.5  | 10        |
| 65 | Adsorption of silicon on Au(110): An ordered two dimensional surface alloy. <i>Applied Physics Letters</i> , 2012, 101, .   | 3.3  | 34        |
| 66 | An Endohedral Single-Molecule Magnet with Long Relaxation Times: $\text{DySc}_2\text{N@C}_{80}$ . <i>Journal of the American Chemical Society</i> , 2012, 134, 9840-9843.   | 13.7 | 188       |
| 67 | Resonant photoelectron diffraction with circularly polarized light. <i>Physical Review B</i> , 2011, 84, .  | 3.2  | 12        |
| 68 | Synthesis of epitaxial graphene on rhodium from 3-pentanone. <i>Surface Science</i> , 2011, 605, L17-L19.   | 1.9  | 27        |
| 69 | Energy Distribution Curves of Ultrafast Laser-Induced Field Emission and Their Implications for Electron Dynamics. <i>Physical Review Letters</i> , 2011, 107, 087601.  | 7.8  | 99        |
| 70 | Corrugated single layer templates for molecules: From h-BN nanomesh to graphene based quantum dot arrays. <i>Frontiers of Physics in China</i> , 2010, 5, 387-392.  | 1.0  | 6         |
| 71 | h-BN on Rh(111): Persistence of a commensurate 13-on-12 superstructure up to high temperatures. <i>Surface Science</i> , 2010, 604, L9-L11.   | 1.9  | 9         |
| 72 | Supramolecular Assemblies Formed on an Epitaxial Graphene Superstructure. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1794-1799.   | 13.8 | 108       |

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|----|--|------|-----------|
| 73 | Nanotexture Switching of Single-Layer Hexagonal Boron Nitride on Rhodium by Intercalation of Hydrogen Atoms. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6120-6124. | 13.8 | 65        |
| 74 | h-BN/Ru(0001) nanomesh: A 14-on-13 superstructure with 3.5nm periodicity. <i>Surface Science</i> , 2010, 604, L16-L19.   | 1.9  | 19        |
| 75 | Strong 3p-T1 hybridization in Ar@C60. <i>Physical Review A</i> , 2010, 82, .   | 2.5  | 14        |
| 76 | LUMO photoemission lineshape in quasi-one-dimensional C60 chains. <i>Physical Review B</i> , 2010, 81, .   | 3.2  | 0         |
| 77 | Rare-Earth Surface Alloying: A New Phase for $GdAu_2$ . <i>Physical Review Letters</i> , 2010, 105, 016101.  | 7.8  | 22        |
| 78 | Comment on "Potential Energy Landscape for Hot Electrons in Periodically Nanostructured Graphene". <i>Physical Review Letters</i> , 2010, 105, 219701; author reply 219702.          | 7.8  | 9         |
| 79 | Laser-induced field emission from a tungsten tip: Optical control of emission sites and the emission process. <i>Physical Review B</i> , 2010, 81, .                                 | 3.2  | 55        |
| 80 | Nano-ice on Boron Nitride Nanomesh: Accessing Proton Disorder. <i>ChemPhysChem</i> , 2010, 11, 399-403.  | 2.1  | 34        |
| 81 | Graphene on Ru(0001): a corrugated and chiral structure. <i>New Journal of Physics</i> , 2010, 12, 043028.   | 2.9  | 86        |
| 82 | Graphene based quantum dots. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 302001.  | 1.8  | 36        |
| 83 | Structure Determination of the Coincidence Phase of Graphene on Ru(0001). <i>Physical Review Letters</i> , 2010, 104, 136102.  | 7.8  | 185       |
| 84 | Graphene and Hexagonal Boron Nitride Layers: Nanostructures with 3 bond hierarchy levels. <i>E-Journal of Surface Science and Nanotechnology</i> , 2010, 8, 62-64.                   | 0.4  | 7         |
| 85 | Looking inside an endohedral fullerene: Inter- and intramolecular ordering of $Dy_3$ .   |      |           |

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|-----|---|------|-----------|
| 91  | Optical Control of Field-Emission Sites by Femtosecond Laser Pulses. <i>Physical Review Letters</i> , 2009, 103, 257603.  | 7.8  | 86        |
| 92  | Direct observation of space charge dynamics by picosecond low-energy electron scattering. <i>Europhysics Letters</i> , 2009, 85, 17010.   | 2.0  | 12        |
| 93  | Charge-transfer dynamics in one-dimensional C60 chains. <i>Surface Science</i> , 2008, 602, 1928-1932.  | 1.9  | 2         |
| 94  | Living on the edge: A nanographene molecule adsorbed across gold step edges. <i>Surface Science</i> , 2008, 602, L84-L88.   | 1.9  | 18        |
| 95  | Graphene on Ru(0001): A $\sqrt{25} \times \sqrt{25} \text{Å}^{-2}$ Superlattice. <i>Physical Review Letters</i> , 2008, 101, 126102.  |      | 273       |
| 96  | Comparative electron diffraction study of the diamond nucleation layer on Ir(001). <i>Diamond and Related Materials</i> , 2008, 17, 1029-1034.  | 3.9  | 25        |
| 97  | Surface Trapping of Atoms and Molecules with Dipole Rings. <i>Science</i> , 2008, 319, 1824-1826.   | 12.6 | 163       |
| 98  | Growth of twin-free heteroepitaxial diamond on Ir/YSZ/Si(111). <i>Journal of Applied Physics</i> , 2008, 104, .   | 2.5  | 22        |
| 99  | Hidden surface states on pristine and H-passivated Ni(111): Angle-resolved photoemission and density-functional calculations. <i>Physical Review B</i> , 2008, 77, .  | 3.2  | 18        |
| 100 | Photoemission momentum mapping and wave function analysis of surface and bulk states on flat Cu(111) and stepped Cu(443) surfaces: A two-photon photoemission study. <i>Physical Review B</i> , 2008, 77, . | 3.2  | 34        |
| 101 | Electronic structure at the $\sqrt{60} \times \sqrt{60}$ metal interface: An angle-resolved photoemission and first-principles study. <i>Physical Review B</i> , 2008, 77, .                                | 3.2  | 59        |
| 102 | Probing Enantioselectivity with X-Ray Photoelectron Spectroscopy and Density Functional Theory. <i>Physical Review Letters</i> , 2007, 98, 136102.  | 7.8  | 58        |
| 103 | Energetics and dynamics of unoccupied electronic states at the $h^{\sim}BN^{\sim}/Ni(111)$ interface. <i>Physical Review B</i> , 2007, 75, .  | 3.2  | 17        |
| 104 | Self-Assembly of a Hexagonal Boron Nitride Nanomesh on Ru(0001). <i>Langmuir</i> , 2007, 23, 2928-2931.   | 3.5  | 216       |
| 105 | Boron Nitride Nanomesh: Functionality from a Corrugated Monolayer. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5115-5119.  | 13.8 | 209       |
| 106 | Buckybowls on Metal Surfaces: Symmetry Mismatch and Enantiomorphism of Corannulene on Cu(110). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8258-8261.                                      | 13.8 | 81        |
| 107 | Surface X-ray diffraction study of boron-nitride nanomesh in air. <i>Surface Science</i> , 2007, 601, L7-L10.   | 1.9  | 51        |
| 108 | Electrolytic in situ STM investigation of h-BN-Nanomesh. <i>Electrochemistry Communications</i> , 2007, 9, 2484-2488.   | 4.7  | 25        |

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|-----|--|------|-----------|
| 109 | Tunable self-assembly of one-dimensional nanostructures with orthogonal directions. <i>Nanoscale Research Letters</i> , 2007, 2, 94-99.  | 5.7  | 42        |
| 110 | Single layer hexagonal boron nitride films on Ni(110). <i>E-Journal of Surface Science and Nanotechnology</i> , 2006, 4, 410-413.  | 0.4  | 41        |
| 111 | Photoelectron Diffraction for a Look inside Nanostructures. <i>Chimia</i> , 2006, 60, 795-799.   | 0.6  | 7         |
| 112 | Formation of single layer h-BN on Pd(111). <i>Surface Science</i> , 2006, 600, 3280-3284.  | 1.9  | 148       |
| 113 | Electron-Photon Pulse Correlator Based on Space-Charge Effects in a Metal Pinhole. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 285-291.                                       | 1.5  | 7         |
| 114 | Chiral Recognition of Organic Molecules by Atomic Kinks on Surfaces. <i>Physical Review Letters</i> , 2006, 96, 056103.  | 7.8  | 120       |
| 115 | Large dispersion of incoherent spectral features in highly ordered C <sub>60</sub> chains. <i>Physical Review B</i> , 2006, 74, .  | 3.2  | 16        |
| 116 | h-BN on Pd(110): a tunable system for self-assembled nanostructures?. <i>Surface Science</i> , 2005, 577, L78-L84.   | 1.9  | 79        |
| 117 | Doping-induced reorientation of C <sub>60</sub> molecules on Ag(111). <i>Physical Review B</i> , 2005, 72, .   | 3.2  | 23        |
| 118 | Rocking-motion-induced charging of C <sub>60</sub> on h-BN/Ni(111). <i>Physical Review B</i> , 2005, 71, .   | 3.2  | 33        |
| 119 | Step-Lattice-Induced Band-Gap Opening at the Fermi Level. <i>Physical Review Letters</i> , 2004, 92, 016803.   | 7.8  | 39        |
| 120 | Electron Coherence in a Melting Lead Monolayer. <i>Science</i> , 2004, 306, 2221-2224.   | 12.6 | 20        |
| 121 | One-dimensional chains of C <sub>60</sub> molecules on Cu(221). <i>Surface Science</i> , 2004, 566-568, 633-637.   | 1.9  | 25        |
| 122 | Determination of the Absolute Chirality of Adsorbed Molecules. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2853-2856.   | 13.8 | 61        |
| 123 | Boron Nitride Nanomesh.. <i>ChemInform</i> , 2004, 35, no.   | 0.0  | 2         |
| 124 | Synthesis of One Monolayer of Hexagonal Boron Nitride on Ni(111) from B-Trichloroborazine (CIBNH) <sub>3</sub> .. <i>ChemInform</i> , 2004, 35, no.                                      | 0.0  | 1         |
| 125 | Spin- and angle-resolved photoemission spectroscopy study of the Au(111) Shockley surface state. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 137-140, 119-123. | 1.7  | 21        |
| 126 | On the Dissociation of N <sub>2</sub> O after Electron Attachment. <i>Journal of Physical Chemistry B</i> , 2004, 108, 14511-14517.  | 2.6  | 21        |



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|-----|--|------|-----------|
| 127 | Boron Nitride Nanomesh. <i>Science</i> , 2004, 303, 217-220.   | 12.6 | 864       |
| 128 | Localization of Surface States in Disordered Step Lattices. <i>Physical Review Letters</i> , 2004, 92, 196805.   | 7.8  | 48        |
| 129 | Spin structure of the Shockley surface state onAu(111). <i>Physical Review B</i> , 2004, 69, .   | 3.2  | 281       |
| 130 | Synthesis of One Monolayer of Hexagonal Boron Nitride on Ni(111) from B-Trichloroborazine (CIBNH) <sub>3</sub> . <i>Chemistry of Materials</i> , 2004, 16, 343-345.                    | 6.7  | 220       |
| 131 | Defect lines and two-domain structure of hexagonal boron nitride films on Ni(111). <i>Surface Science</i> , 2003, 545, L735-L740.  | 1.9  | 158       |
| 132 | Cell spreading on quartz crystal microbalance elicits positive frequency shifts indicative of viscosity changes. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 578-586.   | 3.7  | 73        |
| 133 | The electronic structure of a surfactant layer: Pb/Cu(111). <i>Surface Science</i> , 2003, 532-535, 82-86.   | 1.9  | 19        |
| 134 | Density functional theory investigation of the geometric and spintronic structure of h-BN/Ni(111) in view of photoemission and STM experiments. <i>Physical Review B</i> , 2003, 68, . | 3.2  | 179       |
| 135 | Optical Recognition of Atomic Steps on Surfaces. <i>Physical Review Letters</i> , 2003, 90, 177402.  | 7.8  | 16        |
| 136 | Reinvestigation of the band structure of the Si(111)5 $\times$ 2-Au surface. <i>Physical Review B</i> , 2003, 68, .  | 3.2  | 27        |
| 137 | Quenching of Majority-Channel Quasiparticle Excitations in Cobalt. <i>Physical Review Letters</i> , 2002, 88, 236402.  | 7.8  | 38        |
| 138 | Tailoring Confining Barriers for Surface States by Step Decoration: CO/Vicinal Cu(111). <i>Physical Review Letters</i> , 2002, 88, 237601.   | 7.8  | 33        |
| 139 | THE FERMI SURFACE IN A MAGNETIC METAL-INSULATOR INTERFACE. <i>Surface Review and Letters</i> , 2002, 09, 1243-1250.  | 1.1  | 22        |
| 140 | Spin-polarized Fermi surface mapping. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 124, 263-279.  | 1.7  | 133       |
| 141 | Co on h-BN/Ni(111): from island to island-chain formation and Co intercalation. <i>Surface Science</i> , 2002, 511, 379-386.   | 1.9  | 43        |
| 142 | High-resolution photoemission study of the discommensurate(5.55 $\times$ 5.55)Cu/Si(111) surface layer. <i>Physical Review B</i> , 2001, 64, .   | 3.2  | 33        |
| 143 | Determining adsorbate structures from substrate emission X-ray photoelectron diffraction. <i>Surface Science</i> , 2001, 472, 125-132.   | 1.9  | 56        |
| 144 | Influence of an Atomic Grating on a Magnetic Fermi Surface. , 2001, , 411-417.   |      | 1         |

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