

# Y-L Wang

## List of Publications by Year in descending order

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134  
papers

10,320  
citations

71102

41  
h-index

32842

100  
g-index

140  
all docs

140  
docs citations

140  
times ranked

12531  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Composition and phase engineering of metal chalcogenides and phosphorous chalcogenides. Nature Materials, 2023, 22, 450-458.  | 27.5 | 62        |
| 2  | Monolayer puckered pentagonal VTe <sub>2</sub> : An emergent two-dimensional ferromagnetic semiconductor with multiferroic coupling. Nano Research, 2022, 15, 1486-1491.                  | 10.4 | 20        |
| 3  | Nanoscale Control of One-Dimensional Confined States in Strongly Correlated Homojunctions. Nano Letters, 2022, 22, 1190-1197.   | 9.1  | 10        |
| 4  | Twisted charge-density-wave patterns in bilayer 2D crystals and modulated electronic states. 2D Materials, 2022, 9, 014007.   | 4.4  | 11        |
| 5  | Size Dependence of Charge-Density-Wave Orders in Single-Layer NbSe <sub>2</sub> Hetero/Homophase Junctions. Journal of Physical Chemistry Letters, 2022, 13, 1901-1907.                   | 4.6  | 6         |
| 6  | Atomic-scale visualization of chiral charge density wave superlattices and their reversible switching. Nature Communications, 2022, 13, 1843.   | 12.8 | 25        |
| 7  | Line defects in monolayer TiSe <sub>2</sub> with adsorption of Pt atoms potentially enable excellent catalytic activity. Nano Research, 2022, 15, 4687-4692.                              | 10.4 | 9         |
| 8  | Visualization of Charge-Density-Wave Reconstruction and Electronic Superstructure at the Edge of Correlated Insulator 1T-NbSe <sub>2</sub> . ACS Nano, 2022, 16, 1332-1338.               | 14.6 | 13        |
| 9  | An efficient route to prepare suspended monolayer for feasible optical and electronic characterizations of two-dimensional materials. Information Materials, 2022, 4, .                   | 17.3 | 25        |
| 10 | Direct evidence of two-dimensional electron gas-like band structures in hafnene. Nano Research, 2022, 15, 3770-3774.  | 10.4 | 0         |
| 11 | Charge density wave states in phase-engineered monolayer VTe <sub>2</sub> . Chinese Physics B, 2022, 31, 077101.  | 1.4  | 4         |
| 12 | Visualization of edge-modulated charge-density-wave orders in monolayer transition-metal-dichalcogenide metal. Communications Physics, 2022, 5, .   | 5.3  | 9         |
| 13 | Shallowing interfacial carrier trap in transition metal dichalcogenide heterostructures with interlayer hybridization. Nano Research, 2021, 14, 1390-1396.                                | 10.4 | 9         |
| 14 | Back contact modification of the optoelectronic device with transition metal dichalcogenide VSe <sub>2</sub> film drives solar cell efficiency. Journal of Materiomics, 2021, 7, 470-477. | 5.7  | 10        |
| 15 | Direct identification of Mott Hubbard band pattern beyond charge density wave superlattice in monolayer 1T-NbSe <sub>2</sub> . Nature Communications, 2021, 12, 1978.                     | 12.8 | 45        |
| 16 | Construction of poly-naphthalocyanine linked by [4]-radialene-like structures on silver surfaces. Nano Research, 2021, 14, 4563.  | 10.4 | 2         |
| 17 | Raman spectra evidence for the covalent-like quasi-bonding between exfoliated MoS <sub>2</sub> and Au films. Science China Information Sciences, 2021, 64, 1.                             | 4.3  | 10        |
| 18 | Tuning Molecular Superlattice by Charge-Density-Wave Patterns in Two-Dimensional Monolayer Crystals. Journal of Physical Chemistry Letters, 2021, 12, 3545-3551.                          | 4.6  | 9         |

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|----|--|------|-----------|
| 19 | Experimental Evidence of Chiral Symmetry Breaking in Kekulé-Ordered Graphene. Physical Review Letters, 2021, 126, 206804.  | 7.8  | 72        |
| 20 | Bandgap engineering of two-dimensional C <sub>3</sub> N bilayers. Nature Electronics, 2021, 4, 486-494.  | 26.0 | 36        |
| 21 | Recent progress of scanning tunneling microscopy/spectroscopy study of Majorana bound states in the FeTe <sub>0.55</sub> Se <sub>0.45</sub> superconductor. Superconductor Science and Technology, 2021, 34, 073001. | 3.5  | 9         |
| 22 | Tendency of Gap Opening in Semimetal 1Tâ€²â€²MoTe <sub>2</sub> with Proximity to a 3D Topological Insulator. Advanced Functional Materials, 2021, 31, 2103384.   | 14.9 | 8         |
| 23 | Intriguing one-dimensional electronic behavior in emerging two-dimensional materials. Nano Research, 2021, 14, 3810-3819.  | 10.4 | 5         |
| 24 | Advances in two-dimensional heterostructures by mono-element intercalation underneath epitaxial graphene. Progress in Surface Science, 2021, 96, 100637.   | 8.3  | 13        |
| 25 | Spectroscopic Evidence of New Low-Dimensional Planar Carbon Allotropes Based on Biphenylene via On-Surface Ullmann Coupling. Chemistry, 2021, 3, 1057-1062.  | 2.2  | 6         |
| 26 | Topical review: recent progress of charge density waves in 2D transition metal dichalcogenide-based heterojunctions and their applications. Nanotechnology, 2021, 32, 492001.  | 2.6  | 30        |
| 27 | A tied Fermi liquid to Luttinger liquid model for nonlinear transport in conducting polymers. Nature Communications, 2021, 12, 58.   | 12.8 | 15        |
| 28 | Theoretical calculation and simulation of surface-modified scalable silicon heat sink for electronics cooling. Thermal Science, 2021, 25, 4181-4187.   | 1.1  | 0         |
| 29 | Visualizing Spatial Evolution of Electron-Correlated Interface in Two-Dimensional Heterostructures. ACS Nano, 2021, 15, 16589-16596.   | 14.6 | 15        |
| 30 | Direct Visualization of Hydrogen-Transfer Intermediate States by Scanning Tunneling Microscopy. Journal of Physical Chemistry Letters, 2020, 11, 1536-1541.  | 4.6  | 3         |
| 31 | Using graphene to suppress the selenization of Pt for controllable fabrication of monolayer PtSe <sub>2</sub> . Nano Research, 2020, 13, 3212-3216.  | 10.4 | 4         |
| 32 | Recent progress in 2D group-V elemental monolayers: fabrications and properties. Journal of Semiconductors, 2020, 41, 081003.  | 3.7  | 11        |
| 33 | Universal mechanical exfoliation of large-area 2D crystals. Nature Communications, 2020, 11, 2453.   | 12.8 | 394       |
| 34 | Investigating molecular orbitals with submolecular precision on pristine sites and single atomic vacancies of monolayer h-BN. Nano Research, 2020, 13, 2233-2238.  | 10.4 | 3         |
| 35 | Possible Luttinger liquid behavior of edge transport in monolayer transition metal dichalcogenide crystals. Nature Communications, 2020, 11, 659.  | 12.8 | 23        |
| 36 | Ultrafast optical response and ablation mechanisms of molybdenum disulfide under intense femtosecond laser irradiation. Light: Science and Applications, 2020, 9, 80.  | 16.6 | 63        |

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|----|--|------|-----------|
| 37 | Progress on 2D topological insulators and potential applications in electronic devices*. Chinese Physics B, 2020, 29, 097304.  | 1.4  | 5         |
| 38 | Evidence of Topological Edge States in Buckled Antimonene Monolayers. Nano Letters, 2019, 19, 6323-6329.   | 9.1  | 61        |
| 39 | Fabrication of large-scale graphene/2D-germanium heterostructure by intercalation. Chinese Physics B, 2019, 28, 078103.  | 1.4  | 6         |
| 40 | Flat Boron: A New Cousin of Graphene. Advanced Materials, 2019, 31, e1900392.  | 21.0 | 82        |
| 41 | Low-temperature growth of large-scale, single-crystalline graphene on Ir(111)*. Chinese Physics B, 2019, 28, 056107.   | 1.4  | 9         |
| 42 | Epitaxial fabrication of two-dimensional TiTe <sub>2</sub> monolayer on Au(111) substrate with Te as buffer layer. Chinese Physics B, 2019, 28, 056801.                | 1.4  | 6         |
| 43 | Interaction of two symmetric monovacancy defects in graphene. Chinese Physics B, 2019, 28, 046801.   | 1.4  | 2         |
| 44 | Self-Assembly Evolution of Metal-Free Naphthalocyanine Molecules on Ag(111) at the Submonolayer Coverage. Journal of Physical Chemistry C, 2019, 123, 7202-7208.       | 3.1  | 5         |
| 45 | Spontaneous Formation of 1D Pattern in Monolayer VSe <sub>2</sub> with Dispersive Adsorption of Pt Atoms for HER Catalysis. Nano Letters, 2019, 19, 4897-4903.         | 9.1  | 42        |
| 46 | Epitaxial Growth of Flat Antimonene Monolayer: A New Honeycomb Analogue of Graphene. Nano Letters, 2018, 18, 2133-2139.  | 9.1  | 219       |
| 47 | Recent progress in 2D group-VA semiconductors: from theory to experiment. Chemical Society Reviews, 2018, 47, 982-1021.  | 38.1 | 697       |
| 48 | Three-component fermions with surface Fermi arcs in tungsten carbide. Nature Physics, 2018, 14, 349-354.   | 16.7 | 109       |
| 49 | Epitaxially grown monolayer VSe <sub>2</sub> : an air-stable magnetic two-dimensional material with low work function at edges. Science Bulletin, 2018, 63, 419-425.   | 9.0  | 92        |
| 50 | A structural investigation of the interaction of oxalic acid with Cu(110). Surface Science, 2018, 668, 134-143.  | 1.9  | 8         |
| 51 | Stable Silicene in Graphene/Silicene Van der Waals Heterostructures. Advanced Materials, 2018, 30, e1804650.   | 21.0 | 86        |
| 52 | Construction of bilayer PdSe <sub>2</sub> on epitaxial graphene. Nano Research, 2018, 11, 5858-5865.   | 10.4 | 84        |
| 53 | Highly Oriented Monolayer Graphene Grown on a Cu/Ni(111) Alloy Foil. ACS Nano, 2018, 12, 6117-6127.  | 14.6 | 132       |
| 54 | Epitaxial growth and physical properties of 2D materials beyond graphene: from monatomic materials to binary compounds. Chemical Society Reviews, 2018, 47, 6073-6100. | 38.1 | 97        |

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|----|--|------|-----------|
| 55 | Sequence of Silicon Monolayer Structures Grown on a Ru Surface: from a Herringbone Structure to Silicene. Nano Letters, 2017, 17, 1161-1166.                           | 9.1  | 86        |
| 56 | Fabrication of graphene-silicon layered heterostructures by carbon penetration of silicon film. Nanotechnology, 2017, 28, 084003.                                      | 2.6  | 3         |
| 57 | Direct Evidence of Dirac Signature in Bilayer Germanene Islands on Cu(111). Advanced Materials, 2017, 29, 1606046.   | 21.0 | 111       |
| 58 | Direct observation of spin-layer locking by local Rashba effect in monolayer semiconducting PtSe <sub>2</sub> film. Nature Communications, 2017, 8, 14216.             | 12.8 | 151       |
| 59 | Quasi-free-standing graphene nano-islands on Ag(110), grown from solid carbon source. Applied Physics Letters, 2017, 110, .  | 3.3  | 7         |
| 60 | Intrinsically patterned two-dimensional materials for selective adsorption of molecules and nanoclusters. Nature Materials, 2017, 16, 717-721.                         | 27.5 | 150       |
| 61 | Epitaxial Growth and Air-Stability of Monolayer Antimonene on PdTe <sub>2</sub> . Advanced Materials, 2017, 29, 1605407.   | 21.0 | 313       |
| 62 | Thermo-controllable self-assembled structures of single-layer 4,4'-diamino-p-terphenyl molecules on Au (110). Chinese Physics B, 2017, 26, 086801.                     | 1.4  | 5         |
| 63 | Epitaxial fabrication of two-dimensional NiSe <sub>2</sub> on Ni(111) substrate. Applied Physics Letters, 2017, 111, .   | 3.3  | 29        |
| 64 | Lattice-Directed Construction of Metal-Organic Molecular Wires of Pentacene on the Au(110) Surface. Journal of Physical Chemistry C, 2017, 121, 21650-21657.           | 3.1  | 14        |
| 65 | Intercalation and its mechanism of high quality large area graphene on metal substrate. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 216803.                             | 0.5  | 4         |
| 66 | Spontaneous Formation of a Superconductor-Topological Insulator-Normal Metal Layered Heterostructure. Advanced Materials, 2016, 28, 5013-5017.                         | 21.0 | 24        |
| 67 | Unveiling carbon dimers and their chains as precursor of graphene growth on Ru(0001). Applied Physics Letters, 2016, 109, 131604.                                      | 3.3  | 4         |
| 68 | Impurity-induced formation of bilayered graphene on copper by chemical vapor deposition. Nano Research, 2016, 9, 2803-2810.  | 10.4 | 26        |
| 69 | Tunable Electronic Structures in Wrinkled 2D Transition-Metal-Trichalcogenide (TMT) HfTe <sub>3</sub> Films. Advanced Electronic Materials, 2016, 2, 1600324.          | 5.1  | 9         |
| 70 | Copper vapor-assisted growth of hexagonal graphene domains on silica islands. Applied Physics Letters, 2016, 109, .  | 3.3  | 5         |
| 71 | Graphene-Silicon Layered Structures on Single-Crystalline Ir(111) Thin Films. Advanced Materials Interfaces, 2015, 2, 1400543.   | 3.7  | 12        |
| 72 | Monolayer PtSe <sub>2</sub> , a New Semiconducting Transition-Metal-Dichalcogenide, Epitaxially Grown by Direct Selenization of Pt. Nano Letters, 2015, 15, 4013-4018. | 9.1  | 560       |

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|----|--|------|-----------|
| 73 | Self-Assembled Patterns and Young's Modulus of Single-Layer Naphthalocyanine Molecules on Ag(111). Journal of Physical Chemistry C, 2015, 119, 8208-8212.                                  | 3.1  | 18        |
| 74 | Adsorption behavior of Fe atoms on a naphthalocyanine monolayer on Ag(111) surface. Chinese Physics B, 2015, 24, 076802.   | 1.4  | 6         |
| 75 | Recent Advances in Two-Dimensional Materials beyond Graphene. ACS Nano, 2015, 9, 11509-11539.  | 14.6 | 2,069     |
| 76 | Fabrication and properties of silicene and silicene-graphene layered structures on Ir (111). Chinese Physics B, 2015, 24, 086803.  | 1.4  | 14        |
| 77 | Characterizing silicon intercalated graphene grown epitaxially on Ir films by atomic force microscopy. Chinese Physics B, 2015, 24, 078104.  | 1.4  | 2         |
| 78 | A novel two-dimensional $\text{MgB}_6$ crystal: metal-layer stabilized boron kagome lattice. Physical Chemistry Chemical Physics, 2015, 17, 1093-1098.                                     | 2.8  | 38        |
| 79 | High quality sub-monolayer, monolayer, and bilayer graphene on Ru(0001). Chinese Physics B, 2014, 23, 098101.  | 1.4  | 8         |
| 80 | Effects of graphene defects on Co cluster nucleation and intercalation. Chinese Physics B, 2014, 23, 088108.   | 1.4  | 3         |
| 81 | First-principles calculations of a robust two-dimensional boron honeycomb sandwiching a triangular molybdenum layer. Physical Review B, 2014, 90, .  | 3.2  | 70        |
| 82 | Construction of 2D Atomic Crystals on Transition Metal Surfaces: Graphene, Silicene, and Hafnene. Small, 2014, 10, 2215-2225.  | 10.0 | 91        |
| 83 | Growth Mechanism of Metal Clusters on a Graphene/Ru(0001) Template. Advanced Materials Interfaces, 2014, 1, 1300104.   | 3.7  | 24        |
| 84 | High-resolution scanning tunneling microscopy imaging of $\text{Si}(1\times 1)-7\times 7$ structure and intrinsic molecular states. Journal of Physics Condensed Matter, 2014, 26, 394001. | 1.8  | 6         |
| 85 | Thermally Controlled Adenine Dimer Chain Rotation on Cu(110): The Critical Role of van der Waals Interactions. Journal of Physical Chemistry C, 2014, 118, 6278-6282.                      | 3.1  | 7         |
| 86 | Buckled Germanene Formation on Pt(111). Advanced Materials, 2014, 26, 4820-4824.   | 21.0 | 770       |
| 87 | Buckled Silicene Formation on Ir(111). Nano Letters, 2013, 13, 685-690.  | 9.1  | 1,074     |
| 88 | Two-Dimensional Transition Metal Honeycomb Realized: Hf on Ir(111). Nano Letters, 2013, 13, 4671-4674.   | 9.1  | 102       |
| 89 | Intercalation of metals and silicon at the interface of epitaxial graphene and its substrates. Chinese Physics B, 2013, 22, 096803.  | 1.4  | 12        |
| 90 | Programming Hierarchical Supramolecular Nanostructures by Molecular Design. Journal of Physical Chemistry C, 2013, 117, 3440-3445.   | 3.1  | 20        |

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|-----|--|------|-----------|
| 91  | Hafnium intercalation between epitaxial graphene and Ir(111) substrate. Applied Physics Letters, 2013, 102, .  | 3.3  | 23        |
| 92  | Template-directed assembly of pentacene molecules on epitaxial graphene on Ru(0001). Nano Research, 2013, 6, 131-137.  | 10.4 | 31        |
| 93  | Reversible Single Spin Control of Individual Magnetic Molecule by Hydrogen Atom Adsorption. Scientific Reports, 2013, 3, 1210.   | 3.3  | 115       |
| 94  | Growth of Centimeter-scale, Highly-ordered, and Continuous Graphene on Si-Layer/Metal Surfaces. , 2013, , .  |      | 0         |
| 95  | Silicon intercalation at the interface of graphene and Ir(111). Applied Physics Letters, 2012, 100, .  | 3.3  | 67        |
| 96  | Self-assembly of C60 monolayer on epitaxially grown, nanostructured graphene on Ru(0001) surface. Applied Physics Letters, 2012, 100, .  | 3.3  | 42        |
| 97  | Multi-oriented moiré superstructures of graphene on Ir(111): experimental observations and theoretical models. Journal of Physics Condensed Matter, 2012, 24, 314214.                                | 1.8  | 60        |
| 98  | The influence of annealing temperature on the morphology of graphene islands. Chinese Physics B, 2012, 21, 088102.   | 1.4  | 13        |
| 99  | Modifying the STM Tip for the ' Ultimate ' Imaging of the Si(111)-7Å <sup>2</sup> ×7 Surface and Metal-supported Molecules. Chimia, 2012, 66, 31.  | 0.6  | 4         |
| 100 | Varying molecular interactions by coverage in supramolecular surface chemistry. Chemical Communications, 2012, 48, 534-536.  | 4.1  | 34        |
| 101 | Tuning Structural and Mechanical Properties of Two-Dimensional Molecular Crystals: The Roles of Carbon Side Chains. Nano Letters, 2012, 12, 1229-1234.   | 9.1  | 27        |
| 102 | Shape evolution of patterned amorphous and polycrystalline silicon microarray thin film electrodes caused by lithium insertion and extraction. Journal of Power Sources, 2012, 216, 131-138.         | 7.8  | 117       |
| 103 | Silicon layer intercalation of centimeter-scale, epitaxially grown monolayer graphene on Ru(0001). Applied Physics Letters, 2012, 100, .   | 3.3  | 101       |
| 104 | Direct imaging of intrinsic molecular orbitals using two-dimensional, epitaxially-grown, nanostructured graphene for study of single molecule and interactions. Applied Physics Letters, 2011, 99, . | 3.3  | 63        |
| 105 | Intercalation of metal islands and films at the interface of epitaxially grown graphene and Ru(0001) surfaces. Applied Physics Letters, 2011, 99, .  | 3.3  | 83        |
| 106 | Molecular Rotors Observed by Scanning Tunneling Microscopy. , 2011, , 287-316.   |      | 0         |
| 107 | Understanding formation of molecular rotor array on Au(111) surface. Frontiers of Physics in China, 2010, 5, 380-386.  | 1.0  | 3         |
| 108 | Direct Observation of Enantiospecific Substitution in a Two-Dimensional Chiral Phase Transition. Journal of the American Chemical Society, 2010, 132, 10440-10444.                                   | 13.7 | 40        |

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|-----|---|------|-----------|
| 109 | Tertiary Chiral Domains Assembled by Achiral Metal-Organic Complexes on Cu(110). Journal of Physical Chemistry C, 2010, 114, 13020-13025.   | 3.1  | 26        |
| 110 | Homochiral Recognition among Organic Molecules on Copper(110). Langmuir, 2010, 26, 3402-3406.   | 3.5  | 21        |
| 111 | Polymorphism and chiral expression in two-dimensional subphthalocyanine crystals on Au(111). Physical Chemistry Chemical Physics, 2010, 12, 1318-1322.                                  | 2.8  | 40        |
| 112 | Influence of Deoxyribose Group on Self-Assembly of Thymidine on Au(111). Journal of Physical Chemistry C, 2009, 113, 17590-17594.   | 3.1  | 10        |
| 113 | Scanning Tunneling Microscopy of the Si(111)-7 $\times$ 7 Surface and Adsorbed Ge Nanostructures. Nanoscience and Technology, 2009, , 183-220.  | 1.5  | 1         |
| 114 | Metal-Organic Coordination Interactions in Fe-Terephthalic Acid Networks on Cu(100). Journal of the American Chemical Society, 2008, 130, 2108-2113.                                    | 13.7 | 147       |
| 115 | Ultrathin Ruthenium(II) Complexes on SiW <sub>12</sub> O <sub>40</sub> Multilayer Film. Journal of Nanoscience and Nanotechnology, 2008, 8, 1248-1253.                                  | 0.9  | 4         |
| 116 | Toward a Detailed Understanding of Si(111)-7 $\times$ 7 Surface and Adsorbed Ge Nanostructures: Fabrications, Structures, and Calculations. Journal of Nanomaterials, 2008, 2008, 1-18. | 2.7  | 9         |
| 117 | Weak-coupling Bardeen-Cooper-Schrieffer superconductivity in the electron-doped cuprate superconductors. Physical Review B, 2008, 77, .   | 3.2  | 31        |
| 118 | Distinction between the normal-state gap and superconducting gap of electron-doped cuprates. Physical Review B, 2008, 78, .   | 3.2  | 8         |
| 119 | Hydrogen and Coordination Bonding Supramolecular Structures of Trimesic Acid on Cu(110). Journal of Physical Chemistry A, 2007, 111, 12589-12603.                                       | 2.5  | 118       |
| 120 | Ordering of Dipeptide Chains on Cu Surfaces through 2D Cocrystallization. Journal of the American Chemical Society, 2007, 129, 15742-15743.   | 13.7 | 62        |
| 121 | Bonding Configurations and Collective Patterns of Ge Atoms Adsorbed on Si(111)-(7 $\times$ 7). Physical Review Letters, 2005, 94, 106101.   | 7.8  | 40        |
| 122 | Exploring the synthesis of infinite helical chains with 2-carboxycinnamic acid. CrystEngComm, 2005, 7, 569.   | 2.6  | 23        |
| 123 | Surface Recognition of the Space Group and Chiral Array on DL-valine Crystalline Structure Observed by AFM. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2005, 21, 867-872.       | 4.9  | 3         |
| 124 | Nanometre moire fringes in scanning tunnelling microscopy of surface lattices. Nanotechnology, 2004, 15, 991-995.   | 2.6  | 9         |
| 125 | Structural evolution of pentacene on a Ag(110) surface. Physical Review B, 2004, 69, .  | 3.2  | 81        |
| 126 | Structure Determination of Surface Magic Clusters. Physical Review Letters, 2004, 92, 066103.   | 7.8  | 56        |



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|-----|--|-----|-----------|
| 127 | Tip size effect on the appearance of a STM image for complex surfaces: Theory versus experiment for Si(111)- $\sqrt{7}\times\sqrt{7}$ . Physical Review B, 2004, 70, . | 3.2 | 49        |
| 128 | Surface structures of dl-valine and l-alanine crystals observed by atomic force microscopy at a molecular resolution. Surface Science, 2004, 552, 70-76.               | 1.9 | 12        |
| 129 | Formation of Ge nanoclusters on Si(111)- $\sqrt{7}\times\sqrt{7}$ surface at high temperature. Surface Science, 2004, 561, 227-232.                                    | 1.9 | 13        |
| 130 | Self-assembled stripes on the anodic aluminum oxide by atomic force microscope observation. Applied Surface Science, 2003, 219, 282-289.                               | 6.1 | 10        |
| 131 | Patterns formed on the dimer vacancy array of Si(100) by self-assembly. Nanotechnology, 2002, 13, 729-732.   | 2.6 | 6         |
| 132 | Self-organized two-dimensional lattice of magic clusters. Physical Review B, 2001, 64, .   | 3.2 | 122       |
| 133 | Graphene on Crystalline Metal Surfaces. , 0, , 691-736.  |     | 0         |
| 134 | Moiré Pattern Dislocation in Continuous Atomic Lattice of Monolayer h-BN. ACS Applied Electronic Materials, 0, , .   | 4.3 | 1         |