

Dong-Chen Qi

List of Publications by Year in descending order

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164
papers

7,265
citations

50276

46
h-index

66911

78
g-index

169
all docs

169
docs citations

169
times ranked

10116
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Ultrasensitive NO ₂ Gas Sensors Based on Layered MoO_3 Nanoribbons. <i>Advanced Materials Technologies</i> , 2022, 7, 2100579. | 5.8 | 13 |
| 2 | Liquid metal derived MOF functionalized nanoarrays with ultra-wideband electromagnetic absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1852-1865. | 9.4 | 38 |
| 3 | Scalable Spray Drying Production of Amorphous V_2O_5 "EGO 2D Heterostructured Xerogels for High-Rate and High-Capacity Aqueous Zinc Ion Batteries. <i>Small</i> , 2022, 18, e2105761. | 10.0 | 24 |
| 4 | Large-sized MoO_3 layered single crystals for superior NO ₂ gas sensing. <i>Applied Surface Science</i> , 2022, 586, 152793. | 6.1 | 11 |
| 5 | Highly Sensitive NO ₂ Gas Sensors Based on $\text{MoS}_2/\text{MoO}_3$ Magnetic Heterostructure. <i>Nanomaterials</i> , 2022, 12, 1303. | 4.1 | 11 |
| 6 | Operando Converting BiOCl into $\text{Bi}_2\text{O}_2(\text{CO}_3)_x\text{Cl}_y$ for Efficient Electrocatalytic Reduction of Carbon Dioxide to Formate. <i>Nano-Micro Letters</i> , 2022, 14, 121. | 27.0 | 15 |
| 7 | Hydrogen-Terminated Diamond MOSFETs Using Ultrathin Glassy Ga_2O_3 Dielectric Formed by Low-Temperature Liquid Metal Printing Method. <i>ACS Applied Electronic Materials</i> , 2022, 4, 2272-2280. | 4.3 | 6 |
| 8 | 2D/2D Black Phosphorus/Nickel Hydroxide Heterostructures for Promoting Oxygen Evolution via Electronic Structure Modulation and Surface Reconstruction. <i>Advanced Energy Materials</i> , 2022, 12, . | 19.5 | 37 |
| 9 | First-Principles Study of the Enhanced Magnetic Anisotropy and Transition Temperature in a CrSe_2 Monolayer via Hydrogenation. <i>ACS Applied Electronic Materials</i> , 2022, 4, 3240-3245. | 4.3 | 18 |
| 10 | High-field magnetotransport studies of surface-conducting diamonds. <i>Physical Review B</i> , 2022, 105, . | 3.2 | 0 |
| 11 | MAX ₂ phase Derived Tin Diselenide for 2D/2D Heterostructures with Ultralow Surface/Interface Transport Barriers toward Li^+/Na^+ ions Storage. <i>Small Methods</i> , 2022, 6, . | 8.6 | 5 |
| 12 | Chlorine-anion doping induced multi-factor optimization in perovskites for boosting intrinsic oxygen evolution. <i>Journal of Energy Chemistry</i> , 2021, 52, 115-120. | 12.9 | 69 |
| 13 | Switching of the mechanism of charge transport induced by phase transitions in tunnel junctions with large biomolecular cages. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10768-10776. | 5.5 | 6 |
| 14 | A two-dimensional electron gas based on a 5s oxide with high room-temperature mobility and strain sensitivity. <i>Acta Materialia</i> , 2021, 204, 116516. | 7.9 | 12 |
| 15 | Flexible Sensors Based on Organic-Inorganic Hybrid Materials. <i>Advanced Materials Technologies</i> , 2021, 6, 2000889. | 5.8 | 43 |
| 16 | Bipolar Conduction and Giant Positive Magnetoresistance in Doped Metallic Titanium Oxide Heterostructures. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002147. | 3.7 | 2 |
| 17 | General Programmable Growth of Hybrid Core-Shell Nanostructures with Liquid Metal Nanodroplets. <i>Advanced Materials</i> , 2021, 33, e2008024. | 21.0 | 28 |
| 18 | Tailoring the Electronic Structures of the $\text{La}_2\text{NiMnO}_6$ Double Perovskite as Efficient Bifunctional Oxygen Electrocatalysis. <i>Chemistry of Materials</i> , 2021, 33, 2062-2071. | 6.7 | 58 |

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|----|--|------|-----------|
| 19 | Facilitating the Deprotonation of OH to O through Fe ⁴⁺ -Induced States in Perovskite LaNiO ₃ Enables a Fast Oxygen Evolution Reaction. <i>Small</i> , 2021, 17, e2006930. | 10.0 | 40 |
| 20 | Revealing the Electronic Structure and Optical Properties of CuFeO ₂ as a p-Type Oxide Semiconductor. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1834-1841. | 4.3 | 18 |
| 21 | Enhanced Metal-Insulator Transition in Freestanding VO ₂ Down to 5 nm Thickness. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16688-16693. | 8.0 | 19 |
| 22 | Surface transfer doping of diamond using solution-processed molybdenum trioxide. <i>Carbon</i> , 2021, 175, 20-26. | 10.3 | 5 |
| 23 | CHARACTERIZATION OF ELECTRONIC STRUCTURES AT ORGANIC-2D MATERIALS INTERFACES WITH ADVANCED SYNCHROTRON-BASED SOFT X-RAY SPECTROSCOPY. <i>Surface Review and Letters</i> , 2021, 28, 2140009. | 1.1 | 1 |
| 24 | Wide Bandgap Oxide Semiconductors: from Materials Physics to Optoelectronic Devices. <i>Advanced Materials</i> , 2021, 33, e2006230. | 21.0 | 185 |
| 25 | Enhanced electrochemical production and facile modification of graphite oxide for cost-effective sodium ion battery anodes. <i>Carbon</i> , 2021, 177, 71-78. | 10.3 | 34 |
| 26 | Bias-Polarity-Dependent Direct and Inverted Marcus Charge Transport Affecting Rectification in a Redox-Active Molecular Junction. <i>Advanced Science</i> , 2021, 8, e2100055. | 11.2 | 14 |
| 27 | Anchoring Single Copper Atoms to Microporous Carbon Spheres as High-Performance Electrocatalyst for Oxygen Reduction Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2104864. | 14.9 | 115 |
| 28 | Crystal Symmetry Engineering in Epitaxial Perovskite Superlattices. <i>Advanced Functional Materials</i> , 2021, 31, 2106466. | 14.9 | 7 |
| 29 | Energy-Level Alignment and Orbital-Selective Femtosecond Charge Transfer Dynamics of Redox-Active Molecules on Au, Ag, and Pt Metal Surfaces. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18474-18482. | 3.1 | 2 |
| 30 | Three-Dimensional Fast Na-Ion Transport in Sodium Titanate Nanoarchitectures via Engineering of Oxygen Vacancies and Bismuth Substitution. <i>ACS Nano</i> , 2021, 15, 13604-13615. | 14.6 | 36 |
| 31 | Reversible modulation of metal-insulator transition in VO ₂ via chemically induced oxygen migration. <i>Applied Physics Letters</i> , 2021, 119, 133102. | 3.3 | 2 |
| 32 | Room temperature conductance switching in a molecular iron(ⁱⁱⁱ) spin crossover junction. <i>Chemical Science</i> , 2021, 12, 2381-2388. | 7.4 | 33 |
| 33 | Periodic nanostructures: preparation, properties and applications. <i>Chemical Society Reviews</i> , 2021, 50, 6423-6482. | 38.1 | 34 |
| 34 | Surface-Dependent Intermediate Adsorption Modulation on Iridium-Modified Black Phosphorus Electrocatalysts for Efficient pH-Universal Water Splitting. <i>Advanced Materials</i> , 2021, 33, e2104638. | 21.0 | 65 |
| 35 | Characterization of Electronic Structures at Organic-2D Materials Interfaces with Advanced Synchrotron-based Soft X-ray Spectroscopy. , 2021, , 241-275. | | 0 |
| 36 | Role of Order in the Mechanism of Charge Transport across Single-Stranded and Double-Stranded DNA Monolayers in Tunnel Junctions. <i>Journal of the American Chemical Society</i> , 2021, 143, 20309-20319. | 13.7 | 19 |

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|----|---|------|-----------|
| 37 | Bi-stable electronic states of cobalt phthalocyanine molecules on two-dimensional vanadium diselenide. <i>Applied Materials Today</i> , 2020, 18, 100535. | 4.3 | 9 |
| 38 | MoO ₃ induces p-type surface conductivity by surface transfer doping in diamond. <i>Applied Surface Science</i> , 2020, 509, 144890. | 6.1 | 30 |
| 39 | Tailoring magnetic order via atomically stacking 3d/5d electrons to achieve high-performance spintronic devices. <i>Applied Physics Reviews</i> , 2020, 7, . | 11.3 | 18 |
| 40 | Transparent Electrodes: Ultrasonic Spray Pyrolysis of Antimony-Doped Tin Oxide Transparent Conductive Coatings (<i>Adv. Mater. Interfaces</i> 18/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070104. | 3.7 | 0 |
| 41 | Beyond Hydrogen Evolution: Solar-Driven, Water-Donating Transfer Hydrogenation over Platinum/Carbon Nitride. <i>ACS Catalysis</i> , 2020, 10, 9227-9235. | 11.2 | 68 |
| 42 | Fast and cost-effective room temperature synthesis of high quality graphene oxide with excellent structural intactness. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00198. | 3.3 | 4 |
| 43 | A monolithic artificial iconic memory based on highly stable perovskite-metal multilayers. <i>Applied Physics Reviews</i> , 2020, 7, . | 11.3 | 46 |
| 44 | 2D Materials Based on Main Group Element Compounds: Phases, Synthesis, Characterization, and Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2001127. | 14.9 | 58 |
| 45 | A two-dimensional metallosupramolecular framework design based on coordination crosslinking of helical oligoamide nanorods. <i>Materials Advances</i> , 2020, 1, 1134-1141. | 5.4 | 3 |
| 46 | Ultrasonic Spray Pyrolysis of Antimony-Doped Tin Oxide Transparent Conductive Coatings. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000655. | 3.7 | 20 |
| 47 | Chemical design and synthesis of superior single-atom electrocatalysts <i>via in situ</i> polymerization. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17683-17690. | 10.3 | 19 |
| 48 | On-Surface Synthesis of Nitrogen-Substituted Gold-Phosphorus Porous Network. <i>Chemistry of Materials</i> , 2020, 32, 8561-8566. | 6.7 | 3 |
| 49 | Engineering the spin-orbit interaction in surface conducting diamond with a solid-state gate dielectric. <i>Applied Physics Letters</i> , 2020, 116, . | 3.3 | 6 |
| 50 | Electric-field-driven dual-functional molecular switches in tunnel junctions. <i>Nature Materials</i> , 2020, 19, 843-848. | 27.5 | 124 |
| 51 | Electronic Structure, Optical Properties, and Photoelectrochemical Activity of Sn-Doped Fe ₂ O ₃ Thin Films. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12548-12558. | 3.1 | 56 |
| 52 | Creating thin magnetic layers at the surface of Sb ₂ Te ₃ topological insulators using a low-energy chromium ion beam. <i>Applied Physics Letters</i> , 2020, 116, . | 3.3 | 6 |
| 53 | Designing Kagome Lattice from Potassium Atoms on Phosphorus-Gold Surface Alloy. <i>Nano Letters</i> , 2020, 20, 5583-5589. | 9.1 | 20 |
| 54 | Palladium forms Ohmic contact on hydrogen-terminated diamond down to 4%K. <i>Applied Physics Letters</i> , 2020, 116, . | 3.3 | 14 |

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| 55 | Recent progress on the electronic structure, defect, and doping properties of Ga ₂ O ₃ . APL Materials, 2020, 8, . | 5.1 | 295 |
| 56 | Single layer diamond - A new ultrathin 2D carbon nanostructure for mechanical resonator. Carbon, 2020, 161, 809-815. | 10.3 | 42 |
| 57 | Increased activity in the oxygen evolution reaction by Fe ⁴⁺ -induced hole states in perovskite La _{1-x} Sr _x FeO ₃ . Journal of Materials Chemistry A, 2020, 8, 4407-4415. | 10.3 | 78 |
| 58 | Photocatalytic solar fuel production and environmental remediation through experimental and DFT based research on CdSe-QDs-coupled P-doped-g-C ₃ N ₄ composites. Applied Catalysis B: Environmental, 2020, 270, 118867. | 20.2 | 165 |
| 59 | Defects controlled doping and electrical transport in TiS ₂ single crystals. Applied Physics Letters, 2020, 116, . | 3.3 | 5 |
| 60 | Strong spin-orbit interaction induced by transition metal oxides at the surface of hydrogen-terminated diamond. Carbon, 2020, 164, 244-250. | 10.3 | 11 |
| 61 | High-electron-affinity oxide V ₂ O ₅ enhances surface transfer doping on hydrogen-terminated diamond. Diamond and Related Materials, 2020, 108, 107865. | 3.9 | 14 |
| 62 | Flexible sensors based on hybrid materials. Journal of Semiconductors, 2020, 41, 040402. | 3.7 | 9 |
| 63 | Reversible Oxidation of Blue Phosphorus Monolayer on Au(111). Nano Letters, 2019, 19, 5340-5346. | 9.1 | 27 |
| 64 | Perovskite X-ray Detectors: Flexible, Printable Soft X-ray Detectors Based on All-Inorganic Perovskite Quantum Dots (Adv. Mater. 30/2019). Advanced Materials, 2019, 31, 1970214. | 21.0 | 18 |
| 65 | Quantitative study of spin relaxation in rubrene thin films by inverse spin Hall effect. Applied Physics Letters, 2019, 115, 053301. | 3.3 | 10 |
| 66 | Strain-Induced Isomerization in One-Dimensional Metal-Organic Chains. Angewandte Chemie, 2019, 131, 18764-18770. | 2.0 | 19 |
| 67 | Strain-Induced Isomerization in One-Dimensional Metal-Organic Chains. Angewandte Chemie - International Edition, 2019, 58, 18591-18597. | 13.8 | 37 |
| 68 | Is Charge-Transfer Doping Possible at the Interfaces of Monolayer VSe ₂ with MoO ₃ and K?. ACS Applied Materials & Interfaces, 2019, 11, 43789-43795. | 8.0 | 3 |
| 69 | Erasable and recreatable two-dimensional electron gas at the heterointerface of SrTiO ₃ and a water-dissolvable overlayer. Science Advances, 2019, 5, eaaw7286. | 10.3 | 24 |
| 70 | Electronic structure and p-type conduction mechanism of spinel cobaltite oxide thin films. Physical Review B, 2019, 100, . | 3.2 | 54 |
| 71 | A DFT study of the surface charge transfer doping of diamond by chromium trioxide. Applied Surface Science, 2019, 496, 143604. | 6.1 | 27 |
| 72 | Scalable Production of Graphene Oxide Using a 3D-Printed Packed-Bed Electrochemical Reactor with a Boron-Doped Diamond Electrode. ACS Applied Nano Materials, 2019, 2, 867-878. | 5.0 | 41 |

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|----|--|------|-----------|
| 73 | Flexible, Printable Soft X-ray Detectors Based on All-inorganic Perovskite Quantum Dots. <i>Advanced Materials</i> , 2019, 31, e1901644. | 21.0 | 221 |
| 74 | The supramolecular structure and van der Waals interactions affect the electronic structure of ferrocenyl-alkanethiolate SAMs on gold and silver electrodes. <i>Nanoscale Advances</i> , 2019, 1, 1991-2002. | 4.6 | 10 |
| 75 | Elucidating the electronic structure of CuWO ₄ thin films for enhanced photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11895-11907. | 10.3 | 67 |
| 76 | An Fe stabilized metallic phase of NiS ₂ for the highly efficient oxygen evolution reaction. <i>Nanoscale</i> , 2019, 11, 23217-23225. | 5.6 | 66 |
| 77 | Tuning the Electronic Structure of NiO via Li Doping for the Fast Oxygen Evolution Reaction. <i>Chemistry of Materials</i> , 2019, 31, 419-428. | 6.7 | 78 |
| 78 | Thermally Stable, High Performance Transfer Doping of Diamond using Transition Metal Oxides. <i>Scientific Reports</i> , 2018, 8, 3342. | 3.3 | 46 |
| 79 | Atomic layer deposition-developed two-dimensional \pm -MoO ₃ windows excellent hydrogen peroxide electrochemical sensing capabilities. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 334-344. | 7.8 | 53 |
| 80 | The role of hydrogen plasma power on surface roughness and carrier transport in transfer-doped H-diamond. <i>Diamond and Related Materials</i> , 2018, 84, 48-54. | 3.9 | 20 |
| 81 | Chemical interaction dictated energy level alignment at the N,N'-dipentyl-3,4,9,10-perylenedicarboximide/CH ₃ NH ₃ PbI ₃ interface. <i>Applied Physics Letters</i> , 2018, 113, . | 3.3 | 11 |
| 82 | Interfacial electronic structures revealed at the rubrene/CH ₃ NH ₃ PbI ₃ interface. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6546-6553. | 2.8 | 50 |
| 83 | Probing the effect of the Pt-Ni-Pt(111) bimetallic surface electronic structures on the ammonia decomposition reaction. <i>Nanoscale</i> , 2017, 9, 666-672. | 5.6 | 22 |
| 84 | Prolonged lifetime of polymer solar cells with amphiphilic monolayers modified cathodes. <i>Organic Electronics</i> , 2017, 49, 368-374. | 2.6 | 1 |
| 85 | Enhanced surface transfer doping of diamond by V ₂ O ₅ with improved thermal stability. <i>Applied Physics Letters</i> , 2016, 108, . | 3.3 | 74 |
| 86 | The surface electronic structure of silicon terminated (100) diamond. <i>Nanotechnology</i> , 2016, 27, 275201. | 2.6 | 24 |
| 87 | Orbital dependent ultrafast charge transfer dynamics of ferrocenyl-functionalized SAMs on gold studied by core-hole clock spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 094006. | 1.8 | 9 |
| 88 | Single-Molecule Imaging of Activated Nitrogen Adsorption on Individual Manganese Phthalocyanine. <i>Nano Letters</i> , 2015, 15, 3181-3188. | 9.1 | 22 |
| 89 | Reversible Tuning of Interfacial and Intramolecular Charge Transfer in Individual MnPc Molecules. <i>Nano Letters</i> , 2015, 15, 8091-8098. | 9.1 | 12 |
| 90 | Synthesis and characterization of the regiorandom homopolymer of 3-alkyldithieno[3,2-b:2'-d']thiophene for thin-film transistors. <i>Polymer Chemistry</i> , 2015, 6, 459-465. | 3.9 | 5 |

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| 91 | Effects of Damköhler number of evaporation on the morphology of active layer and the performance of organic heterojunction solar cells fabricated by electrospray method. <i>Solar Energy Materials and Solar Cells</i> , 2015, 134, 140-147. | 6.2 | 25 |
| 92 | Quantitative Femtosecond Charge Transfer Dynamics at Organic/Electrode Interfaces Studied by Core-Hole Clock Spectroscopy. <i>Advanced Materials</i> , 2014, 26, 7880-7888. | 21.0 | 31 |
| 93 | Enhancement of the performance of organic solar cells by electrospray deposition with optimal solvent system. <i>Solar Energy Materials and Solar Cells</i> , 2014, 121, 119-125. | 6.2 | 49 |
| 94 | Large spectral weight transfer in optical conductivity of SrTiO ₃ induced by intrinsic vacancies. <i>Journal of Applied Physics</i> , 2014, 115, 213706. | 2.5 | 12 |
| 95 | Bias induced transition from an ohmic to a non-ohmic interface in supramolecular tunneling junctions with Ga ₂ O ₃ /EGaIn top electrodes. <i>Nanoscale</i> , 2014, 6, 11246-11258. | 5.6 | 41 |
| 96 | Molecular Orientation and Site Dependent Charge Transfer Dynamics at PTCDA/TiO ₂ (110) Interface Revealed by Resonant Photoemission Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4160-4166. | 3.1 | 28 |
| 97 | Surface transfer doping of diamond by MoO ₃ : A combined spectroscopic and Hall measurement study. <i>Applied Physics Letters</i> , 2013, 103, 202112. | 3.3 | 99 |
| 98 | The role of van der Waals forces in the performance of molecular diodes. <i>Nature Nanotechnology</i> , 2013, 8, 113-118. | 31.5 | 299 |
| 99 | NEXAFS Studies of Molecular Orientations at Molecule-Substrate Interfaces. , 2013, , 119-151. Cationic vacancies and anomalous spectral-weight transfer in Ti | | 3 |
| 100 | xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:math>Ta | 3.2 | 20 |
| 101 | Modification of PTCDA/Co Interfacial Electronic Structures Using Alq ₃ Buffer Layer. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25636-25642. | 3.1 | 9 |
| 102 | Observation of Frenkel and charge transfer excitons in pentacene single crystals using spectroscopic generalized ellipsometry. <i>Applied Physics Letters</i> , 2013, 103, . | 3.3 | 14 |
| 103 | Cationic-vacancy-induced room-temperature ferromagnetism in transparent, conducting anatase Ti _{1-x} Ta _x O ₂ (x ^{1/4} 0.05) thin films. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 4927-4943. | 3.4 | 31 |
| 104 | Investigation of Interface Properties for ClAlPc/C ₆₀ Heterojunction-Based Inverted Organic Solar Cell. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2521-2526. | 3.1 | 25 |
| 105 | Tuning the interfacial hole injection barrier between p-type organic materials and Co using a MoO ₃ buffer layer. <i>Journal of Applied Physics</i> , 2012, 112, 033704. | 2.5 | 13 |
| 106 | CVD Graphene as Interfacial Layer to Engineer the Organic Donor-Acceptor Heterojunction Interface Properties. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3134-3140. | 8.0 | 30 |
| 107 | Effect of Gap States on the Orientation-Dependent Energy Level Alignment at the DIP/F ₁₆ CuPc Donor-Acceptor Heterojunction Interfaces. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23922-23928. | 3.1 | 40 |
| 108 | Electronic Structure, Chemical Interactions and Molecular Orientations of 3,4,9,10-Perylene-tetracarboxylic-dianhydride on TiO ₂ (110). <i>Journal of Physical Chemistry C</i> , 2011, 115, 24880-24887. | 3.1 | 50 |

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|-----|---|------|-----------|
| 109 | Negative Tunneling Magnetoresistance by Canted Magnetization in MgO/NiO Tunnel Barriers. <i>Physical Review Letters</i> , 2011, 106, 167201. | 7.8 | 28 |
| 110 | Room temperature ferromagnetism in partially hydrogenated epitaxial graphene. <i>Applied Physics Letters</i> , 2011, 98, . | 3.3 | 126 |
| 111 | Quasi-Free-Standing Epitaxial Graphene on SiC (0001) by Fluorine Intercalation from a Molecular Source. <i>ACS Nano</i> , 2011, 5, 7662-7668. | 14.6 | 96 |
| 112 | Interfacial electronic structures at Fe/pentacene/Fe interfaces. <i>Diamond Light Source Proceedings</i> , 2011, 1, . | 0.1 | 0 |
| 113 | Scanning tunneling microscopy and photoelectron spectroscopy investigation of the sexithiophene: C_{60} donor-acceptor nanostructure formation on graphite. <i>Journal of Applied Physics</i> , 2011, 109, 084307. | 2.5 | 13 |
| 114 | Observation of room-temperature high-energy resonant excitonic effects in graphene. <i>Physical Review B</i> , 2011, 84, . | 3.2 | 48 |
| 115 | Charge transfer dynamics of 3,4,9,10-perylene-tetracarboxylic-dianhydride molecules on Au(111) probed by resonant photoemission spectroscopy. <i>Journal of Chemical Physics</i> , 2011, 135, 174701. | 3.0 | 25 |
| 116 | Organic Organic Heterojunction Interfaces: Effect of Molecular Orientation. <i>Advanced Functional Materials</i> , 2011, 21, 410-424. | 14.9 | 210 |
| 117 | Mutual Ferromagnetic Ferroelectric Coupling in Multiferroic Copper-Doped ZnO. <i>Advanced Materials</i> , 2011, 23, 1635-1640. | 21.0 | 96 |
| 118 | Mechanism of the Fermi level pinning at organic donor-acceptor heterojunction interfaces. <i>Organic Electronics</i> , 2011, 12, 534-540. | 2.6 | 85 |
| 119 | A synchrotron-based photoemission study of the MoO ₃ /Co interface. <i>Journal of Chemical Physics</i> , 2011, 134, 034706. | 3.0 | 14 |
| 120 | Chemical vapor deposition graphene as structural template to control interfacial molecular orientation of chloroaluminium phthalocyanine. <i>Applied Physics Letters</i> , 2011, 99, 093301. | 3.3 | 29 |
| 121 | Experimental Observation of the Crystallization of a Paired Holon State. <i>Physical Review Letters</i> , 2010, 105, 026402. | 7.8 | 31 |
| 122 | Role of oxygen incorporation in electronic properties of rubrene films. <i>Applied Physics Letters</i> , 2010, 97, 032106. | 3.3 | 22 |
| 123 | Tuning the electron injection barrier between Co and C ₆₀ using Alq ₃ buffer layer. <i>Journal of Applied Physics</i> , 2010, 108, . | 2.5 | 7 |
| 124 | Ti-doped ZnO Thin Films Prepared at Different Ambient Conditions: Electronic Structures and Magnetic Properties. <i>Materials</i> , 2010, 3, 3642-3653. | 2.9 | 28 |
| 125 | Band-Bending at the Graphene-SiC Interfaces: Effect of the Substrate. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 01AH05. | 1.5 | 10 |
| 126 | Room-Temperature Ferromagnetism of Cu-Doped ZnO Films Probed by Soft X-Ray Magnetic Circular Dichroism. <i>Physical Review Letters</i> , 2010, 105, 207201. | 7.8 | 205 |

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|-----|--|------|-----------|
| 127 | Template-Directed Molecular Assembly on Silicon Carbide Nanomesh: Comparison Between CuPc and Pentacene. ACS Nano, 2010, 4, 849-854. | 14.6 | 14 |
| 128 | Copper Phthalocyanine on Hydrogenated and Bare Diamond (001)-2 Å ⁻¹ : Influence of Interfacial Interactions on Molecular Orientations. Langmuir, 2010, 26, 165-172. | 3.5 | 21 |
| 129 | Molecular orientation of CuPc thin films on C60/Ag(111). Applied Physics Letters, 2009, 94, . | 3.3 | 52 |
| 130 | Effects and thermal stability of hydrogen microwave plasma treatment on tetrahedral amorphous carbon films by in situ ultraviolet photoelectron spectroscopy. Journal of Applied Physics, 2009, 106, 024901. | 2.5 | 3 |
| 131 | Room temperature ferromagnetism of ZnO nanocrystals in amorphous ZnO-Al ₂ O ₃ matrix. Applied Physics Letters, 2009, 95, . | 3.3 | 22 |
| 132 | Surface transfer doping of semiconductors. Progress in Surface Science, 2009, 84, 279-321. | 8.3 | 282 |
| 133 | Orientation-controlled charge transfer at CuPc/F16CuPc interfaces. Journal of Applied Physics, 2009, 106, 064910. | 2.5 | 50 |
| 134 | Ultrathin Films of Diindenoperylene on Graphite and SiO ₂ . Journal of Physical Chemistry C, 2009, 113, 9251-9255. | 3.1 | 26 |
| 135 | Chemically Linked AuNP-Alkane Network for Enhanced Photoemission and Field Emission. ACS Nano, 2009, 3, 2722-2730. | 14.6 | 21 |
| 136 | Molecular Orientation Dependent Energy Level Alignment at Organic/Organic Heterojunction Interfaces. Journal of Physical Chemistry C, 2009, 113, 12832-12839. | 3.1 | 80 |
| 137 | Chemical Bonding of Fullerene and Fluorinated Fullerene on Bare and Hydrogenated Diamond. ChemPhysChem, 2008, 9, 1286-1293. | 2.1 | 16 |
| 138 | Molecular orientation dependent interfacial dipole at the F16CuPc-CuPc organic heterojunction interface. Applied Physics Letters, 2008, 92, 063308. | 3.3 | 68 |
| 139 | Water-Induced Negative Electron Affinity on Diamond (100). Journal of Physical Chemistry C, 2008, 112, 2487-2491. | 3.1 | 35 |
| 140 | Metal-insulator transition in manganites: Changes in optical conductivity up to 22 eV. Physical Review B, 2008, 78, . | 3.2 | 58 |
| 141 | Tailoring the Electron Affinity and Electron Emission of Diamond (100) 2 Å ⁻¹ by Surface Functionalization Using an Organic Semiconductor. Chemistry of Materials, 2008, 20, 6871-6879. | 6.7 | 13 |
| 142 | Surface phase transition of Cu/Si(111)-(5 Å ⁻¹ 5) by scanning tunnelling microscopy and photoemission study. Journal Physics D: Applied Physics, 2008, 41, 095306. | 2.8 | 4 |
| 143 | Fe-INDUCED CHANGE OF ELECTRON AFFINITY AND SECONDARY ELECTRON YIELD ON DIAMOND. Advances in Synchrotron Radiation, 2008, 01, 59-65. | 0.0 | 0 |
| 144 | Conformational degree and molecular orientation in rubrene film by in situ x-ray absorption spectroscopy. Journal of Applied Physics, 2007, 102, 063504. | 2.5 | 14 |

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