

Richard E Palmer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1786597/publications.pdf>

Version: 2024-02-01

443
papers

12,887
citations

25034

57
h-index

45317

90
g-index

453
all docs

453
docs citations

453
times ranked

11363
citing authors

#	ARTICLE	IF	CITATIONS
1	An ab initio study of size-selected Pd nanocluster catalysts for the hydrogenation of 1-pentyne. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 3231-3237.	2.8	1
2	A Fullerene-Platinum Complex for Direct Functional Patterning of Single Metal Atom-Embedded Carbon Nanostructures. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1578-1586.	4.6	5
3	Interactions between multi-walled carbon nanotubes and plankton as detected by Raman spectroscopy. <i>Chemosphere</i> , 2022, 295, 133889.	8.2	5
4	On the Use of Carbon Cables from Plastic Solvent Combinations of Polystyrene and Toluene in Carbon Nanotube Synthesis. <i>Nanomaterials</i> , 2022, 12, 9.	4.1	12
5	Eco-Friendly Synthesis of Silver Nanoparticles Using Pulsed Plasma in Liquid: Effect of Surfactants. <i>Surfaces</i> , 2022, 5, 202-208.	2.3	4
6	Molecular dynamics simulation of nanofilament breakage in neuromorphic nanoparticle networks. <i>Nanotechnology</i> , 2022, 33, 275602.	2.6	5
7	Metal Nanocluster-Metal Organic Framework-Polymer Hybrid Nanomaterials for Improved Hydrogen Detection. <i>Small</i> , 2022, 18, e2200634.	10.0	19
8	Interplay between oxygen doping and ultra-microporosity improves the CO ₂ /N ₂ separation performance of carbons derived from aromatic polycarboxylates. <i>Carbon</i> , 2021, 173, 989-1002.	10.3	16
9	Facile and environmentally friendly synthesis of ultramicroporous carbon spheres: A significant improvement in CVD method. <i>Carbon</i> , 2021, 171, 426-436.	10.3	18
10	A passion for physics. <i>Advances in Physics: X</i> , 2021, 6, .	4.1	0
11	Application of scanning probe energy loss spectroscopy to SERS-active metal nanostructures. <i>Journal of Physics: Conference Series</i> , 2021, 1866, 012006.	0.4	0
12	Importance of Defective and Nonsymmetric Structures in Silver Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3705-3711.	4.6	11
13	Disorder-Induced Material-Insensitive Optical Response in Plasmonic Nanostructures: Vibrant Structural Colors from Noble Metals. <i>Advanced Materials</i> , 2021, 33, e2007623.	21.0	21
14	Nonlocal STM Manipulation of Chlorobenzene on Si(111)-7 \times 7: Potentials, Kinetics, and First-Principles Molecular Dynamics Calculations for Open Systems. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12175-12184.	3.1	1
15	From amorphous to ordered: Structural transformation of Pd nanoclusters in 1-pentyne hydrogenation reactions. <i>Journal of Catalysis</i> , 2021, 397, 58-63.	6.2	2
16	Material-Insensitive Optical Response From Disordered Plasmonic Nanostructures. , 2021, , .		0
17	Automating 3D Imaging of Inorganic Nanoparticles. <i>Microscopy and Microanalysis</i> , 2021, 27, 2864-2866.	0.4	1
18	Oxidative synthesis of yellow photoluminescent carbon nanoribbons from carbon black. <i>Carbon</i> , 2021, 183, 495-503.	10.3	11

#	ARTICLE	IF	CITATIONS
19	Data-driven simulation and characterisation of gold nanoparticle melting. Nature Communications, 2021, 12, 6056.	12.8	29
20	Combining scanning tunneling microscope (STM) imaging and local manipulation to probe the high dose oxidation structure of the Si(111)-7Å-7 surface. Nano Research, 2020, 13, 145-150.	10.4	4
21	Synergistic Computational—Experimental Discovery of Highly Selective PtCu Nanocluster Catalysts for Acetylene Semihydrogenation. ACS Catalysis, 2020, 10, 451-457.	11.2	35
22	Optimization of sol-immobilized bimetallic Au—Pd/TiO ₂ catalysts: reduction of 4-nitrophenol to 4-aminophenol for wastewater remediation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20200057.	3.4	6
23	Electrocatalytic Behavior of PtCu Clusters Produced by Nanoparticle Beam Deposition. Journal of Physical Chemistry C, 2020, 124, 23683-23689.	3.1	9
24	Multidisciplinary physics in a time of coronavirus. Advances in Physics: X, 2020, 5, 1807107.	4.1	0
25	Bonding of Gold Nanoclusters on Graphene with and without Point Defects. Nanomaterials, 2020, 10, 2109.	4.1	4
26	Scale-up of cluster beam deposition to the gram scale with the matrix assembly cluster source for heterogeneous catalysis (propylene combustion). AIP Advances, 2020, 10, 025314.	1.3	13
27	Gas-Phase Deposition of Gold Nanoclusters to Produce Heterogeneous Glycerol Oxidation Catalysts. ACS Applied Nano Materials, 2020, 3, 4997-5001.	5.0	6
28	Scale-Up of Cluster Beam Deposition to the Gram Scale with the Matrix Assembly Cluster Source for Heterogeneous Catalysis (Catalytic Ozonation of Nitrophenol in Aqueous Solution). ACS Applied Materials & Interfaces, 2020, 12, 24877-24882.	8.0	15
29	Absence of Nonlocal Manipulation of Oxygen Atoms Inserted below the Si(111)-7Å-7 Surface. Langmuir, 2020, 36, 8027-8031.	3.5	1
30	Insight into the intrinsic mechanism of improving electrochemical performance via constructing the preferred crystal orientation in lithium cobalt dioxide. Chemical Engineering Journal, 2020, 399, 125708.	12.7	13
31	Structure and orientation effects in the coalescence of Au clusters. Nanoscale, 2020, 12, 7688-7699.	5.6	28
32	Active site manipulation in MoS₂ cluster electrocatalysts by transition metal doping. Nanoscale, 2020, 12, 4459-4472.	5.6	27
33	A platinum—nickel bimetallic nanocluster ensemble-on-polyaniline nanofilm for enhanced electrocatalytic oxidation of dopamine. Nanoscale, 2020, 12, 6047-6056.	5.6	9
34	Interaction of nanoparticle properties and X-ray analytical techniques. Journal of Analytical Atomic Spectrometry, 2020, 35, 1022-1033.	3.0	9
35	Size control of Au nanoparticles from the scalable and solvent-free matrix assembly cluster source. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	27
36	Angular dependence of nanoparticle generation in the matrix assembly cluster source. Nano Research, 2019, 12, 3069-3074.	10.4	5

#	ARTICLE	IF	CITATIONS
37	Five! Impact Factor, International Fellowship. <i>Advances in Physics: X</i> , 2019, 4, i-i.	4.1	0
38	Diffusion of Au(CH ₃ S) ₂ on Au(111) Observed with the Scanning Tunneling Microscope. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24104-24110.	3.1	9
39	Impact of particle size, oxidation state and capping agent of different cerium dioxide nanoparticles on the phosphate-induced transformations at different pH and concentration. <i>PLoS ONE</i> , 2019, 14, e0217483.	2.5	32
40	Atomic-resolution imaging of surface and core melting in individual size-selected Au nanoclusters on carbon. <i>Nature Communications</i> , 2019, 10, 2583.	12.8	48
41	Ultrafast rotational motions of supported nanoclusters probed by electron diffraction. <i>Nanoscale Horizons</i> , 2019, 4, 1164-1173.	8.0	8
42	Contrasting motif preferences of platinum and gold nanoclusters between 55 and 309 atoms. <i>Nanoscale Advances</i> , 2019, 1, 2416-2425.	4.6	17
43	Composition-Tuned Pt-Skinned PtNi Bimetallic Clusters as Highly Efficient Methanol Dehydrogenation Catalysts. <i>Chemistry of Materials</i> , 2019, 31, 10040-10048.	6.7	28
44	MoS ₂ and WS ₂ nanocone arrays: Impact of surface topography on the hydrogen evolution electrocatalytic activity and mass transport. <i>Applied Materials Today</i> , 2018, 11, 70-81.	4.3	33
45	Experimental determination of the energy difference between competing isomers of deposited, size-selected gold nanoclusters. <i>Nature Communications</i> , 2018, 9, 1323.	12.8	65
46	Performance of Preformed Au/Cu Nanoclusters Deposited on MgO Powders in the Catalytic Reduction of 4-Nitrophenol in Solution. <i>Small</i> , 2018, 14, e1703734.	10.0	71
47	Reduced sintering of mass-selected Au clusters on SiO ₂ by alloying with Ti: an aberration-corrected STEM and computational study. <i>Nanoscale</i> , 2018, 10, 2363-2370.	5.6	14
48	Hydrogen evolution enhancement of ultra-low loading, size-selected molybdenum sulfide nanoclusters by sulfur enrichment. <i>Applied Catalysis B: Environmental</i> , 2018, 235, 84-91.	20.2	56
49	Unravelling the nucleation mechanism of bimetallic nanoparticles with composition-tunable core-shell arrangement. <i>Nanoscale</i> , 2018, 10, 6684-6694.	5.6	48
50	The hundred and one adorable articles. <i>Advances in Physics: X</i> , 2018, 3, 1514836.	4.1	0
51	Synthesis without Solvents: The Cluster (Nanoparticle) Beam Route to Catalysts and Sensors. <i>Accounts of Chemical Research</i> , 2018, 51, 2296-2304.	15.6	65
52	Controlled Manipulation of Magic Number Gold-Fullerene Clusters Using Scanning Tunneling Microscopy. <i>Langmuir</i> , 2018, 34, 8388-8392.	3.5	7
53	Bridge-bonded methylthiolate on Au(111) observed with the scanning tunneling microscope. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19486-19491.	2.8	5
54	Orientational Epitaxy of van der Waals Molecular Heterostructures. <i>Nano Letters</i> , 2018, 18, 5257-5261.	9.1	15

#	ARTICLE	IF	CITATIONS
55	Ultrafast Heat Flow in Heterostructures of Au Nanoclusters on Thin Films: Atomic Disorder Induced by Hot Electrons. <i>ACS Nano</i> , 2018, 12, 7710-7720.	14.6	18
56	High-selectivity palladium catalysts for the partial hydrogenation of alkynes by gas-phase cluster deposition onto oxide powders. <i>Journal of Lithic Studies</i> , 2018, 4, 1-8.	0.5	5
57	Exposure of mass-selected bimetallic Pt-Ti nanoalloys to oxygen explored using scanning transmission electron microscopy and density functional theory. <i>RSC Advances</i> , 2018, 8, 27276-27282.	3.6	6
58	Cluster Beam Deposition of Ultrafine Cobalt and Ruthenium Clusters for Efficient and Stable Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 3013-3018.	5.1	29
59	A proximal retarding field analyzer for scanning probe energy loss spectroscopy. <i>Nanotechnology</i> , 2017, 28, 105711.	2.6	5
60	Enhanced photoelectrochemical water splitting using oxidized mass-selected Ti nanoclusters on metal oxide photoelectrodes. <i>Sustainable Energy and Fuels</i> , 2017, 1, 336-344.	4.9	10
61	Tandem Site- and Size-Controlled Pd Nanoparticles for the Directed Hydrogenation of Furfural. <i>ACS Catalysis</i> , 2017, 7, 2266-2274.	11.2	113
62	A High Resolution Study of Dynamic Changes of Ce ₂ O ₃ and CeO ₂ Nanoparticles in Complex Environmental Media. <i>Environmental Science & Technology</i> , 2017, 51, 8010-8016.	10.0	23
63	A new method to prepare colloids of size-controlled clusters from a matrix assembly cluster source. <i>APL Materials</i> , 2017, 5, 053405.	5.1	12
64	Development of scalable and versatile nanomaterial libraries for nanosafety studies: polyvinylpyrrolidone (PVP) capped metal oxide nanoparticles. <i>RSC Advances</i> , 2017, 7, 3894-3906.	3.6	18
65	Tip-triggered Thermal Cascade Manipulation of Magic Number Gold Fullerene Clusters in the Scanning Tunneling Microscope. <i>Nano Letters</i> , 2017, 17, 6171-6176.	9.1	15
66	Crystallinity depends on choice of iron salt precursor in the continuous hydrothermal synthesis of Fe-Co oxide nanoparticles. <i>RSC Advances</i> , 2017, 7, 37436-37440.	3.6	14
67	Towards production of novel catalyst powders from supported size-selected clusters by multilayer deposition and dicing. <i>Nanotechnology</i> , 2017, 28, 325601.	2.6	8
68	One year of <i>Advances in Physics: X</i> – the wonderful faculty of memory. <i>Advances in Physics: X</i> , 2017, 2, (i)-(ii).	4.1	0
69	Electrochemical sulfidation of WS ₂ nanoarrays: Strong dependence of hydrogen evolution activity on transition metal sulfide surface composition. <i>Electrochemistry Communications</i> , 2017, 81, 106-111.	4.7	18
70	Copper Metallization of Gold Nanostructure Activated Polypyrrole by Electroless Deposition. <i>Electrochimica Acta</i> , 2017, 246, 1210-1216.	5.2	2
71	Exploring the atomic structure of 1.8 nm monolayer-protected gold clusters with aberration-corrected STEM. <i>Ultramicroscopy</i> , 2017, 176, 146-150.	1.9	8
72	Modification of Deposited, Size-Selected MoS ₂ Nanoclusters by Sulphur Addition: An Aberration-Corrected STEM Study. <i>Inorganics</i> , 2017, 5, 1.	2.7	26

#	ARTICLE	IF	CITATIONS
73	Quantum chemical approach to atomic manipulation of chlorobenzene on the Si(111)- $\sqrt{7}\times\sqrt{7}$ surface: Resonance localization, vibrational activation, and surface dynamics. Physical Review Materials, 2017, 1, .	2.4	3
74	Formation and emission mechanisms of Ag nanoclusters in the Ar matrix assembly cluster source. Physical Review Materials, 2017, 1, .	2.4	10
75	Note: Production of silver nanoclusters using a Matrix-Assembly Cluster Source with a solid CO ₂ matrix. Journal of Chemical Physics, 2016, 145, 166101.	3.0	9
76	Note: Proof of principle of a new type of cluster beam source with potential for scale-up. Review of Scientific Instruments, 2016, 87, 046103.	1.3	56
77	Site-Specific Assembly of Fullerene Nanorings Guided by Two-Dimensional Gold Clusters. Journal of Physical Chemistry C, 2016, 120, 10975-10981.	3.1	13
78	The cluster beam route to model catalysts and beyond. Faraday Discussions, 2016, 188, 39-56.	3.2	39
79	Enhancement of the Hydrogen Evolution Reaction from Ni-MoS ₂ Hybrid Nanoclusters. ACS Catalysis, 2016, 6, 6008-6017.	11.2	122
80	Surface-induced symmetry reduction in molecular switching: asymmetric cis \rightarrow trans switching of CH ₃ S-Au-SCH ₃ on Au(111). Nanoscale, 2016, 8, 19787-19793.	5.6	8
81	Initiating and imaging the coherent surface dynamics of charge carriers in real space. Nature Communications, 2016, 7, 12839.	12.8	22
82	Morphology of the ferritin iron core by aberration corrected scanning transmission electron microscopy. Nanotechnology, 2016, 27, 46LT02.	2.6	35
83	Designing new catalysts: synthesis of new active structures: general discussion. Faraday Discussions, 2016, 188, 131-159.	3.2	4
84	Bridging model and real catalysts: general discussion. Faraday Discussions, 2016, 188, 565-589.	3.2	3
85	Performance of a high resolution chemically amplified electron beam resist at various beam energies. Microelectronic Engineering, 2016, 155, 97-101.	2.4	8
86	From plasmons to plankton: the wonderful world of physics. Advances in Physics: X, 2016, 1, 1-1.	4.1	3
87	High Resolution STEM-EELS Study of Silver Nanoparticles Exposed to Light and Humic Substances. Environmental Science & Technology, 2016, 50, 2183-2190.	10.0	32
88	Electrocatalytic regeneration of atmospherically aged MoS ₂ nanostructures via solution-phase sulfidation. RSC Advances, 2016, 6, 26689-26695.	3.6	5
89	Mapping the plasmon response of Ag nanoislands on graphite at 100 nm resolution with scanning probe energy loss spectroscopy. Applied Physics Express, 2015, 8, 126601.	2.4	8
90	Chromium inhibition and size-selected Au nanocluster catalysis for the solution growth of low-density ZnO nanowires. Scientific Reports, 2015, 5, 12336.	3.3	20

#	ARTICLE	IF	CITATIONS
91	Atomic-Scale Structure Analysis by Advanced Transmission Electron Microscopy. <i>Frontiers of Nanoscience</i> , 2015, , 127-159.	0.6	8
92	Using size-selected gold clusters on graphene oxide films to aid cryo-transmission electron tomography alignment. <i>Scientific Reports</i> , 2015, 5, 9234.	3.3	5
93	Pt Diffusion Dynamics for the Formation of Pt Core-Shell Nanoparticles. <i>Langmuir</i> , 2015, 31, 6917-6923.	3.5	12
94	Modular construction of size-selected multiple-core Pt-TiO ₂ nanoclusters for electro-catalysis. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28005-28009.	2.8	20
95	Organic hard masks utilizing fullerene derivatives. , 2015, , .		1
96	Atomic Resolution Observation of a Size-Dependent Change in the Ripening Modes of Mass-Selected Au Nanoclusters Involved in CO Oxidation. <i>Journal of the American Chemical Society</i> , 2015, 137, 15161-15168.	13.7	68
97	Metastability of the atomic structures of size-selected gold nanoparticles. <i>Nanoscale</i> , 2015, 7, 6498-6503.	5.6	94
98	Tailoring Gold Nanoparticle Characteristics and the Impact on Aqueous-Phase Oxidation of Glycerol. <i>ACS Catalysis</i> , 2015, 5, 4377-4384.	11.2	45
99	Real-space Wigner-Seitz Cells Imaging of Potassium on Graphite via Elastic Atomic Manipulation. <i>Scientific Reports</i> , 2015, 5, 8276.	3.3	8
100	Simple metal under tensile stress: layer-dependent herringbone reconstruction of thin potassium films on graphite. <i>Scientific Reports</i> , 2015, 5, 10165.	3.3	5
101	Mapping the site-specific potential energy landscape for chemisorbed and physisorbed aromatic molecules on the Si(111)-7 × 7 surface by time-lapse STM. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 054003.		16
102	Variation of the Core Atomic Structure of Thiolated (Au _{312±55} Ag ₁) _{312±55} Nanoclusters with Composition from Aberration-Corrected HAADF STEM. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11114-11119.	3.1	23
103	Atomically resolved real-space imaging of hot electron dynamics. <i>Nature Communications</i> , 2015, 6, 8365.	12.8	37
104	The size-dependent morphology of Pd nanoclusters formed by gas condensation. <i>Nanoscale</i> , 2015, 7, 19647-19652.	5.6	23
105	Towards 11nm half-pitch resolution for a negative-tone chemically amplified molecular resist platform for extreme-ultraviolet lithography. <i>Proceedings of SPIE</i> , 2015, , .	0.8	3
106	Hybrid atomic structure of the Schmid cluster Au ₅₅ (PPh ₃) ₁₂ Cl ₆ resolved by aberration-corrected STEM. <i>Nanoscale</i> , 2015, 7, 885-888.	5.6	26
107	Structural analysis of a nanoparticle containing a lipid bilayer used for detergent-free extraction of membrane proteins. <i>Nano Research</i> , 2015, 8, 774-789.	10.4	161
108	Transformations of citrate and Tween coated silver nanoparticles reacted with Na ₂ S. <i>Science of the Total Environment</i> , 2015, 502, 344-353.	8.0	58

#	ARTICLE	IF	CITATIONS
109	Alginate-Iron Speciation and Its Effect on In Vitro Cellular Iron Metabolism. <i>PLoS ONE</i> , 2015, 10, e0138240.	2.5	21
110	Optimization of fullerene-based negative tone chemically amplified fullerene resist for extreme ultraviolet lithography. , 2014, , .		4
111	The effects of 1-pentyne hydrogenation on the atomic structures of size-selected Au _N and Pd _N (N = 923 and 2057) nanoclusters. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 26631-26637.	2.8	7
112	Non-Local Atomic Manipulation on Semiconductor Surfaces in the STM: The Case of Chlorobenzene on Si(111)-7 \times 7. <i>Chemical Record</i> , 2014, 14, 841-847.	5.8	13
113	Non-covalent Immobilization of Desmoplakin Plakin Domain Molecules by Size-Selected Clusters for AFM Imaging. <i>BioNanoScience</i> , 2014, 4, 97-103.	3.5	0
114	Atomic Structure Control of Size-Selected Gold Nanoclusters during Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 7559-7562.	13.7	86
115	Size-dependent propagation of Au nanoclusters through few-layer graphene. <i>Nanoscale</i> , 2014, 6, 1258-1263.	5.6	31
116	Enhanced Immobilization of Gold Nanoclusters on Graphite. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8182-8187.	2.5	9
117	Chemically amplified phenolic fullerene electron beam resist. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1505.	5.5	23
118	722: Iron chelation by biopolymers for an anti-cancer therapy; binding up the 'ferrotoxicity' in the colon. <i>European Journal of Cancer</i> , 2014, 50, S173.	2.8	0
119	Concerted Thermal-Plus-Electronic Nonlocal Desorption of Chlorobenzene from Si(111)-7 \times 7 in the STM. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3551-3554.	4.6	9
120	Fabrication and atomic structure of size-selected, layered MoS ₂ clusters for catalysis. <i>Nanoscale</i> , 2014, 6, 12463-12469.	5.6	37
121	Quantum Chemical Cluster Models for Chemi- and Physisorption of Chlorobenzene on Si(111)-7 \times 7. <i>Journal of Physical Chemistry A</i> , 2014, 118, 6699-6704.	2.5	6
122	Spin-on carbon using fullerene derivatives. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
123	How Nanoscience Translates into Technology: The Case of Self-Assembled Monolayers, Electron-Beam Writing, and Carbon Nanomembranes. <i>ACS Nano</i> , 2013, 7, 6416-6421.	14.6	14
124	Spin-on carbon based on fullerene derivatives as hardmask materials for high-aspect-ratio etching. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2013, 12, 033003.	0.9	8
125	Synthesis and Characterization of Polyvinylpyrrolidone Coated Cerium Oxide Nanoparticles. <i>Environmental Science & Technology</i> , 2013, 47, 12426-12433.	10.0	55
126	Size and shape of industrial Pd catalyst particles using size-selected clusters as mass standards. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	11

#	ARTICLE	IF	CITATIONS
127	Performance of negative tone chemically amplified fullerene resists in extreme ultraviolet lithography. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2013, 12, 033010.	0.9	9
128	Catalytic oxidation of cyclohexane by size-selected palladium clusters pinned on graphite. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 993-1003.	2.4	18
129	Spin-on-carbon hardmask based on fullerene derivatives for high-aspect ratio etching. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
130	EUV lithography performance of negative-tone chemically amplified fullerene resist. , 2013, , .		2
131	Ageing of mass-selected Cu/Au and Au/Cu core/shell clusters probed with atomic resolution. <i>Journal of Experimental Nanoscience</i> , 2012, 7, 703-710.	2.4	23
132	Preparing and regulating a bi-stable molecular switch by atomic manipulation. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 394014.	1.8	3
133	Determination of the Ground-State Atomic Structures of Size-Selected Au Nanoclusters by Electron-Beam-Induced Transformation. <i>Physical Review Letters</i> , 2012, 108, 245502.	7.8	109
134	Chemically amplified fullerene resists, spin-on fullerene hardmasks and high aspect ratio etching. , 2012, , .		3
135	Positive-tone chemically amplified fullerene resist. , 2012, , .		8
136	High aspect ratio etching using a fullerene derivative spin-on-carbon hardmask. , 2012, , .		7
137	Formation of bimetallic nanoalloys by Au coating of size-selected Cu clusters. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	9
138	Fullerene-based spin-on-carbon hardmask. <i>Microelectronic Engineering</i> , 2012, 98, 552-555.	2.4	19
139	Towards nanostructured graphene through the deposition of size-selected clusters. , 2012, , .		0
140	Synthesis of bimetallic Pt-Pd core-shell nanocrystals and their high electrocatalytic activity modulated by Pd shell thickness. <i>Nanoscale</i> , 2012, 4, 845-851.	5.6	57
141	Au ₄₀ (SR) ₂₄ Cluster as a Chiral Dimer of 8-Electron Superatoms: Structure and Optical Properties. <i>Journal of the American Chemical Society</i> , 2012, 134, 19560-19563.	13.7	112
142	Mass Spectrometry and Dynamics of Gold Adatoms Observed on the Surface of Size-Selected Au Nanoclusters. <i>Nano Letters</i> , 2012, 12, 91-95.	9.1	51
143	Intensity calibration and atomic imaging of size-selected Au and Pd clusters in aberration-corrected HAADF-STEM. <i>Journal of Physics: Conference Series</i> , 2012, 371, 012010.	0.4	14
144	Oxidative Dehydrogenation of Cyclohexane on Cobalt Oxide (Co ₃ O ₄) Nanoparticles: The Effect of Particle Size on Activity and Selectivity. <i>ACS Catalysis</i> , 2012, 2, 2409-2423.	11.2	113

#	ARTICLE	IF	CITATIONS
145	Novel Powder-Supported Size-Selected Clusters for Heterogeneous Catalysis under Realistic Reaction Conditions. <i>Journal of Physical Chemistry C</i> , 2012, 116, 26295-26299.	3.1	34
146	Experimental Evidence for Fluctuating, Chiral-Type Au ₅₅ Clusters by Direct Atomic Imaging. <i>Nano Letters</i> , 2012, 12, 5510-5514.	9.1	72
147	Direct atomic imaging and dynamical fluctuations of the tetrahedral Au ₂₀ cluster. <i>Nanoscale</i> , 2012, 4, 4947.	5.6	72
148	Controlled Formation of Mass-Selected Cu@Au Core@Shell Cluster Beams. <i>Journal of the American Chemical Society</i> , 2011, 133, 10325-10327.	13.7	84
149	Site- and Energy-Selective Intramolecular Manipulation of Polychlorinated Biphenyl (PCB) Molecules. <i>Journal of the American Chemical Society</i> , 2011, 133, 11834-11836.	13.7	5
150	Real-Space Observation of Prolate Monolayer-Protected Au ₃₈ Clusters Using Aberration-Corrected Scanning Transmission Electron Microscopy. <i>Small</i> , 2011, 7, 1542-1545.	10.0	43
151	Quantitative Z-contrast imaging in the scanning transmission electron microscope with size-selected clusters. <i>Physical Review B</i> , 2011, 84, .	3.2	76
152	Plasma etching of high-resolution features in a fullerene molecular resist. <i>Proceedings of SPIE</i> , 2011, , .	0.8	13
153	Communication: Suppression of sintering of size-selected Pd clusters under realistic reaction conditions for catalysis. <i>Journal of Chemical Physics</i> , 2011, 134, 141101.	3.0	25
154	Size-selected Metal Clusters: New Models for Catalysis with Atomic Precision. <i>Journal of Applied Sciences</i> , 2011, 11, 1164-1170.	0.3	15
155	Characterization of the effects of base additives on a fullerene chemically amplified resist. , 2010, , .		2
156	Charge transport in nanocrystal wires created by direct electron beam writing. <i>Micro and Nano Letters</i> , 2010, 5, 274.	1.3	2
157	Acoustic Plasmon on the Au(111) Surface. <i>Physical Review Letters</i> , 2010, 105, 016801.	7.8	67
158	Scanning probe energy loss spectroscopy with microfabricated coaxial tips. <i>Physical Review B</i> , 2010, 81, Nonlocal Desorption of Chlorobenzene Molecules from the	3.2	6
159	xmins:mml="http://www.w3.org/1998/Math/MathML" display="inline" ><mml:mi>Si</mml:mi><mml:mo stretchy="false"></mml:mo><mml:mn>111</mml:mn><mml:mo stretchy="false"></mml:mo><mml:mtext mathvariant="normal">âˆŸ</mml:mtext><mml:mo stretchy="false"></mml:mo><mml:mn>7</mml:mn><mml:mo>Å</mml:mo><mml:mn>7</mml:mn><mml:mo>Tj ETQq1 1 0.78431	7.8	47
160	Figure Calibrating thermal and scanning tunnelling microscope induced desorption and diffusion for the chemisorbed chlorobenzene/Si(111)7 Å-7 system. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 084002.	1.8	15
161	Fabrication of co-axial field emitter tips for scanning probe energy loss spectroscopy. <i>Nanotechnology</i> , 2010, 21, 155304.	2.6	4
162	Interfacing Cluster Physics with Biology at the Nanoscale. <i>Science and Technology of Atomic, Molecular, Condensed Matter and Biological Systems</i> , 2010, , 517-556.	0.6	3

#	ARTICLE	IF	CITATIONS
163	Counting the Atoms in Supported, Monolayer-Protected Gold Clusters. <i>Journal of the American Chemical Society</i> , 2010, 132, 2854-2855.	13.7	56
164	A New Mechanism of Atomic Manipulation: Bond-Selective Molecular Dissociation <i>via</i> Thermally Activated Electron Attachment. <i>ACS Nano</i> , 2010, 4, 7344-7348.	14.6	24
165	Bright Beaches of Nanoscale Potassium Islands on Graphite in STM Imaging. <i>Physical Review Letters</i> , 2009, 102, 106102.	7.8	18
166	Bias-dependent scanning tunneling microscopy investigation of potassium adsorption on a Si(111) $\sqrt{7}\times\sqrt{7}$ surface. <i>Physical Review B</i> , 2009, 80, .	3.2	5
167	Plasmon Dispersion of the Au(111) Surface with and without Self-Assembled Monolayers. <i>Physical Review Letters</i> , 2009, 102, 216805.	7.8	34
168	Local secondary-electron emission spectra of graphite and gold surfaces obtained using the Scanning Probe Energy Loss Spectrometer (SPELS). <i>Journal of Physics Condensed Matter</i> , 2009, 21, 474206.	1.8	9
169	Critical stability of gold nanofingers on a zero-gradient stepped surface. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 445001.	1.8	2
170	Direct Electron β -Beam Writing of Highly Conductive Wires in Functionalized Fullerene Films. <i>Small</i> , 2009, 5, 2750-2755.	10.0	8
171	Ultrafast laser ablation of graphite. <i>Physical Review B</i> , 2009, 79, .	3.2	71
172	Low activation energy fullerene molecular resist. <i>Proceedings of SPIE</i> , 2009, , .	0.8	7
173	The C ₆₀ /Au(111) interface at room temperature: A scanning tunnelling microscopy study. <i>Surface Science</i> , 2008, 602, 885-892.	1.9	46
174	Nonlinearity and time-resolved studies of ion emission in ultrafast laser ablation of graphite. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 999-1004.	2.3	12
175	Fullerene Resist Materials for the 32 μ m Node and Beyond. <i>Advanced Functional Materials</i> , 2008, 18, 1977-1982.	14.9	26
176	Anomalous acid diffusion in a triphenylene molecular resist with melamine crosslinker. <i>Microelectronic Engineering</i> , 2008, 85, 1540-1544.	2.4	2
177	Weak precursor state binding of protein molecules to size-selected gold nanoclusters on surfaces. <i>Surface Science</i> , 2008, 602, 1006-1009.	1.9	3
178	Selective resonance population in high resolution electron energy loss spectroscopy of 4-ethylbenzenethiol self-assembled monolayers on Au(111). <i>Surface Science</i> , 2008, 602, 1492-1496.	1.9	3
179	Blue-shifted plasmon resonance of individual size-selected gold nanoparticles. <i>Optics Communications</i> , 2008, 281, 480-483.	2.1	46
180	Chemically amplified molecular resists for e-beam lithography. <i>Microelectronic Engineering</i> , 2008, 85, 764-767.	2.4	3

#	ARTICLE	IF	CITATIONS
181	<i>Processing and Characterization of Gold Nanoparticles for Use in Plasmon Probe Spectroscopy and Microscopy of Biosystems</i>. Annals of the New York Academy of Sciences, 2008, 1130, 201-206.	3.8	24
182	Three-dimensional atomic-scale structure of size-selected gold nanoclusters. Nature, 2008, 451, 46-48.	27.8	409
183	High-resolution detection of Au catalyst atoms in Si nanowires. Nature Nanotechnology, 2008, 3, 168-173.	31.5	575
184	Structures and optical properties of 4-5 nm bimetallic AgAu nanoparticles. Faraday Discussions, 2008, 138, 363-373.	3.2	103
185	A high resolution water soluble fullerene molecular resist for electron beam lithography. Nanotechnology, 2008, 19, 275308.	2.6	17
186	Adsorption of a model protein, the GroEL chaperonin, on surfaces. Journal of Physics Condensed Matter, 2008, 20, 353001.	1.8	1
187	Surface plasmon excitation of Au and Ag in scanning probe energy loss spectroscopy. Applied Physics Letters, 2008, 93, .	3.3	29
188	Optical coupling of core-shell quantum dots to size-selected gold clusters. Journal of Applied Physics, 2008, 104, 094316.	2.5	5
189	Seed induced growth of binary Ag/Au nanostructures on a graphite surface. Applied Physics Letters, 2008, 93, .	3.3	5
190	Weighing Supported Nanoparticles: Size-Selected Clusters as Mass Standards in Nanometrology. Physical Review Letters, 2008, 101, 246103.	7.8	70
191	Chemically amplified fullerene resists for e-beam lithography. Proceedings of SPIE, 2008, , .	0.8	5
192	Three-dimensional atomic-scale structure of size-selected nanoclusters on surfaces. , 2008, , 133-134.		0
193	Structure and stability of core-shell AuAg nanoparticles. , 2008, , 305-306.		0
194	Emission of ions and charged clusters due to impulsive Coulomb explosion in ultrafast laser ablation of graphite. Physical Review B, 2007, 76, .	3.2	19
195	Chemically Amplified Molecular Resists for E-Beam Lithography. , 2007, , .		0
196	Chapter 15 Modelling the structure and dynamics of metal nanoclusters deposited on graphite. Chemical Physics of Solid Surfaces, 2007, , 589-616.	0.3	5
197	Nanoscale Coulomb explosion in ultrafast graphite ablation. Applied Physics Letters, 2007, 90, 153119.	3.3	34
198	Combining Theory and Experiment to Characterize the Atomic Structures of Surface-Deposited Au ₃₀₉ Clusters. Journal of Physical Chemistry C, 2007, 111, 17846-17851.	3.1	33

#	ARTICLE	IF	CITATIONS
199	Chemical Amplification of a Triphenylene Molecular Electron Beam Resist. <i>Advanced Functional Materials</i> , 2007, 17, 2522-2527.	14.9	18
200	A Chemically Amplified Fullerene-Derivative Molecular Electron-Beam Resist. <i>Small</i> , 2007, 3, 2076-2080.	10.0	37
201	Immobilisation of proteins by atomic clusters on surfaces. <i>Trends in Biotechnology</i> , 2007, 25, 48-55.	9.3	32
202	Patterned films of size-selected Au clusters on optical substrates. <i>Journal of Applied Physics</i> , 2007, 101, 044304.	2.5	10
203	Bioluminescence of Monolayers of Firefly Luciferase Immobilized on Graphite. <i>Langmuir</i> , 2006, 22, 5451-5454.	3.5	7
204	Sintering of Passivated Gold Nanoparticles under the Electron Beam. <i>Langmuir</i> , 2006, 22, 2851-2855.	3.5	117
205	Modeling the pinning of Au and Ni clusters on graphite. <i>Physical Review B</i> , 2006, 73, .	3.2	51
206	Ultrathin Fullerene Films as High-Resolution Molecular Resists for Low-Voltage Electron-Beam Lithography. <i>Small</i> , 2006, 2, 1003-1006.	10.0	22
207	Local Secondary-Electron Emission Spectra via Scanning Probe Energy Loss Spectroscopy. <i>Small</i> , 2006, 2, 744-746.	10.0	14
208	Co-deposition of Atomic Clusters of Different Size and Composition. <i>Small</i> , 2006, 2, 1270-1272.	10.0	19
209	Faceting of nanoscale fingers on the (111) surface of gold. <i>Surface Science</i> , 2006, 600, 1504-1509.	1.9	19
210	Needles and clusters of zinc porphyrin molecules on mica. <i>Surface Science</i> , 2006, 600, 3274-3279.	1.9	8
211	Chemically amplified molecular resists for electron beam lithography. <i>Microelectronic Engineering</i> , 2006, 83, 1115-1118.	2.4	30
212	Nanostructured Gold Surfaces Fabricated with the Scanning Tunnelling Microscope. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 2053-2055.	1.5	7
213	Manipulation of polyatomic molecules with the scanning tunnelling microscope at room temperature: chlorobenzene adsorption and desorption from Si(111)-(7 Å ⁻¹ × 7). <i>Journal of Physics Condensed Matter</i> , 2006, 18, S1873-S1885.	1.8	15
214	Pinning of size-selected Pd nanoclusters on graphite. <i>Journal of Chemical Physics</i> , 2006, 125, 084704.	3.0	33
215	Immobilization of large size-selected silver clusters on graphite. <i>Nanotechnology</i> , 2006, 17, 805-807.	2.6	37
216	Nanoscale surface recrystallization driven by localized electric field. <i>Physical Review B</i> , 2006, 73, .	3.2	19

#	ARTICLE	IF	CITATIONS
217	Efficient vacuum ultraviolet light frequency downconversion by thin films of CdSe quantum dots. Applied Physics Letters, 2006, 88, 171105.	3.3	11
218	Excited states of surfaces and nanostructures in the VUV (Invited Paper). , 2005, , .		0
219	Giant contrast reversal in scanning tunnelling microscopy of zincporphyrin monolayers on graphite. Chemical Physics Letters, 2005, 402, 121-125.	2.6	3
220	Direct imaging of core-shell structure in silver-gold bimetallic nanoparticles. Applied Physics Letters, 2005, 87, 243103.	3.3	61
221	Two-electron dissociation of single molecules by atomic manipulation at room temperature. Nature, 2005, 434, 367-371.	27.8	174
222	High-Temperature Stability of Size-Selected Gold Nanoclusters Pinned on Graphite. Advanced Materials, 2005, 17, 731-734.	21.0	15
223	Local Three-Dimensional Visualization of Nanoparticle Assemblies. Advanced Materials, 2005, 17, 2885-2888.	21.0	25
224	Pinning of size-selected gold and nickel nanoclusters on graphite. Physical Review B, 2005, 72, .	3.2	55
225	Structural dynamics induced by self-assembled monolayers on Au(111). Physical Review B, 2005, 71, .	3.2	28
226	TEMPERATURE-INDUCED SURFACE STRUCTURE TRANSFORMATION OF SELF-ASSEMBLED MONOLAYERS ON Au(111): A VARIABLE TEMPERATURE STM STUDY. International Journal of Nanoscience, 2005, 04, 863-871.	0.7	0
227	Nanoparticle Arrays Patterned by Electron-Beam Writing:Å Structure, Composition, and Electrical Properties. Langmuir, 2005, 21, 1556-1559.	3.5	22
228	Tip-State Control of Rates and Branching Ratios in Atomic Manipulation. Nano Letters, 2005, 5, 835-839.	9.1	27
229	Residue-specific immobilization of protein molecules by size-selected clusters. Journal of the Royal Society Interface, 2005, 2, 169-175.	3.4	15
230	Size-selected cluster beam source based on radio frequency magnetron plasma sputtering and gas condensation. Review of Scientific Instruments, 2005, 76, 045103.	1.3	247
231	Electrostatically Stabilised Nanoparticles: Self-Organization and Electron-Beam Patterning. Journal of Nanoscience and Nanotechnology, 2005, 5, 1826-1831.	0.9	8
232	Scanning probe energy loss spectroscopy below 50nm resolution. Applied Physics Letters, 2004, 85, 5034-5036.	3.3	24
233	Fabrication of nanoscale vertical colloid device architectures. Microelectronic Engineering, 2004, 73-74, 542-546.	2.4	1
234	Fabrication of ordered arrays of silicon cones by optical diffraction in ultrafast laser etching with SF6. Applied Physics A: Materials Science and Processing, 2004, 78, 381-385.	2.3	39

#	ARTICLE	IF	CITATIONS
235	Beyond the Herringbone Reconstruction: Magic Gold Fingers. <i>Small</i> , 2004, 1, 76-79.	10.0	31
236	Immobilization of Protein Molecules by Size-Selected Metal Clusters on Surfaces. <i>Advanced Materials</i> , 2004, 16, 223-226.	21.0	43
237	Clusters for biology: immobilization of proteins by size-selected metal clusters. <i>Applied Surface Science</i> , 2004, 226, 197-208.	6.1	36
238	Deposition of size-selected metal clusters generated by magnetron sputtering and gas condensation: a progress review. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2004, 362, 117-124.	3.4	61
239	Gold Nanoparticle Patterning of Silicon Wafers Using Chemical e-Beam Lithography. <i>Langmuir</i> , 2004, 20, 3766-3768.	3.5	203
240	Superstructure of Nanoparticle Assembly by HAADF-STEM. <i>Microscopy and Microanalysis</i> , 2004, 10, 346-347.	0.4	0
241	Decoration of surfaces with size-selected clusters and molecular manipulation at room temperature: precision and uncertainty in organizing atoms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2004, 362, 1195-1205.	3.4	10
242	Growth of Densely Packed Gold Nanoparticles on Graphite Using Molecular Templates. <i>Advanced Materials</i> , 2003, 15, 1084-1087.	21.0	14
243	Nanostructured surfaces from size-selected clusters. <i>Nature Materials</i> , 2003, 2, 443-448.	27.5	241
244	Nanostructures from nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S3047-S3063.	1.8	21
245	Insight into the Partial Oxidation of Propene: The Reactions of 2-Propen-1-ol on Clean and O-Covered Mo(110). <i>Journal of the American Chemical Society</i> , 2003, 125, 13252-13257.	13.7	15
246	Annealing effects on the microstructure of sputtered gold layers on oxidized silicon investigated by scanning electron microscopy and scanning probe microscopy. <i>Philosophical Magazine</i> , 2003, 83, 1137-1142.	1.6	7
247	Supramolecular Monolayers of Zinc Porphyrin Trimers on Graphite. <i>Journal of Physical Chemistry B</i> , 2003, 107, 209-216.	2.6	28
248	Colloidal Lines and Strings. <i>Langmuir</i> , 2003, 19, 9669-9671.	3.5	32
249	Scaling Relations for Implantation of Size-Selected Au, Ag, and Si Clusters into Graphite. <i>Physical Review Letters</i> , 2003, 90, 055503.	7.8	69
250	Patterned arrays of porous InP from photolithography and electrochemical etching. <i>Journal of Applied Physics</i> , 2003, 94, 7598.	2.5	24
251	Mechanisms of Molecular Manipulation with the Scanning Tunneling Microscope at Room Temperature: Chlorobenzene/Si(111) $\sqrt{7\times 7}$. <i>Physical Review Letters</i> , 2003, 91, 118301.	7.8	81
252	Chemisorption of benzene and STM dehydrogenation products on Cu(100). <i>Physical Review B</i> , 2003, 68, .	3.2	79

#	ARTICLE	IF	CITATIONS
253	Characterization of size-selected metal clusters implanted below the surface of graphite. Journal of Applied Physics, 2003, 93, 4820-4823.	2.5	1
254	Metastable ordered arrays of size-selected Ag clusters on graphite. Applied Physics Letters, 2003, 82, 2595-2597.	3.3	27
255	Liquid phase deposition of supramolecular monolayers of zinc porphyrin molecules on graphite. Journal of Physics Condensed Matter, 2003, 15, S3127-S3138.	1.8	11
256	Layer by layer removal of Au atoms from passivated Au(111) surfaces using the scanning tunneling microscope: Nanoscale "paint stripping". Journal of Chemical Physics, 2002, 116, 7151-7157.	3.0	28
257	Scaling behavior of the penetration depth of energetic silver clusters in graphite. Physical Review B, 2002, 65, .	3.2	23
258	Surface photochemistry induced by ultrafast pulses of vacuum ultraviolet light: Physisorbed oxygen on graphite. Physical Review B, 2002, 66, .	3.2	6
259	Mechanisms of visible photoluminescence from nanoscale silicon cones. Journal of Applied Physics, 2002, 91, 3294-3298.	2.5	20
260	Microfabrication of silicon tip structures for multiple-probe scanning tunneling microscopy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 364.	1.6	11
261	Implantation depth of size-selected silver clusters into graphite. Journal of Physics Condensed Matter, 2002, 14, L185-L191.	1.8	23
262	Fabrication of Ordered Arrays of InP Microstructures by Wet Chemical Etching with Au Masks. Journal of Nanoscience and Nanotechnology, 2002, 2, 627-630.	0.9	6
263	Fabrication of ordered arrays of silicon nanopillars at selected sites. Journal Physics D: Applied Physics, 2002, 35, L11-L14.	2.8	15
264	Negative Ion Resonance of Molecules on Surfaces: From Spectroscopy to Dynamics. , 2002, , 197-211.		0
265	Amorphous structures of Cu, Ag, and Au nanoclusters from first principles calculations. Journal of Chemical Physics, 2002, 117, 9548-9551.	3.0	122
266	Imaging thin films of organic molecules with the scanning tunnelling microscope. Physical Chemistry Chemical Physics, 2002, 4, 4275-4284.	2.8	31
267	Vacuum ultraviolet surface photochemistry of water adsorbed on graphite. Journal of Chemical Physics, 2002, 117, 6667-6672.	3.0	13
268	Controlling the formation of Au nanoparticles using functionalized molecular buffer layers. Surface Science, 2002, 497, 269-274.	1.9	19
269	HREELS studies of gold nanoparticles with dialkyl sulphide ligands. Surface Science, 2002, 502-503, 208-213.	1.9	13
270	Scanning probe energy loss spectroscopy. Surface Science, 2002, 502-503, 224-231.	1.9	26

#	ARTICLE	IF	CITATIONS
271	Design and fabrication of colloid-based vertical nanoscale devices. <i>Microelectronic Engineering</i> , 2002, 61-62, 681-686.	2.4	3
272	New directions in nanoscience: new challenges for surface analysis. <i>Surface and Interface Analysis</i> , 2002, 34, 3-9.	1.8	12
273	Pinning and implantation of size-selected metal clusters: a topical review. <i>Vacuum</i> , 2002, 66, 167-173.	3.5	26
274	Dialkyl Sulfides: Novel Passivating Agents for Gold Nanoparticles. <i>Langmuir</i> , 2002, 18, 1791-1795.	3.5	75
275	Fabrication of Ordered Arrays of InP Microstructures by Wet Chemical Etching with Au Masks. <i>Journal of Nanoscience and Nanotechnology</i> , 2002, 2, 627-630.	0.9	0
276	Mechanism of electron-beam writing in passivated gold nanoclusters. <i>Applied Physics Letters</i> , 2001, 78, 2061-2063.	3.3	15
277	Guided Assembly of Colloidal Particles on Patterned Substrates. <i>Langmuir</i> , 2001, 17, 7150-7155.	3.5	52
278	<title>Fabrication of micro/nanostructured surfaces using self-organized processes</title>. , 2001, , .		0
279	Tunable pulsed vacuum ultraviolet light source for surface science and materials spectroscopy based on high order harmonic generation. <i>Review of Scientific Instruments</i> , 2001, 72, 1977-1983.	1.3	23
280	Measuring the implantation depth of silver clusters in graphite. <i>European Physical Journal D</i> , 2001, 16, 115-118.	1.3	11
281	Vibrational spectroscopy of cinnamaldehyde on graphite and supported Pd islands. <i>Applied Surface Science</i> , 2001, 178, 1-6.	6.1	6
282	Low energy deposition of size-selected Si clusters onto graphite. <i>Chemical Physics Letters</i> , 2001, 333, 304-307.	2.6	23
283	Fabrication of ordered arrays of silicon nanopillars in silicon-on-insulator wafers. <i>Microelectronic Engineering</i> , 2001, 57-58, 919-924.	2.4	10
284	Electron beam lithography in passivated gold nanoclusters. <i>Microelectronic Engineering</i> , 2001, 57-58, 837-841.	2.4	14
285	Deep plasma etching of piezoelectric PZT with SF ₆ . <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001, 19, 2020.	1.6	28
286	Imaging surfaces with reflected electrons from a field emission scanning tunnelling microscope: image contrast mechanisms. <i>Journal Physics D: Applied Physics</i> , 2001, 34, 1849-1852.	2.8	15
287	Implantation of Pt ₃ - and Ag ₃ -clusters into graphite: an STM study. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 1869-1872.	1.8	4
288	Interaction of passivated clusters in solution with micro-patterned surfaces: guided flow versus defect pinning. <i>Nanotechnology</i> , 2001, 12, 6-10.	2.6	11

#	ARTICLE	IF	CITATIONS
289	Quantitative evaluation of electron beam writing in passivated gold nanoclusters. Applied Physics Letters, 2001, 78, 1921-1923.	3.3	23
290	Laser etching processes : Towards sub-picosecond X-UV irradiation. European Physical Journal Special Topics, 2001, 11, Pr2-499-Pr2-502.	0.2	0
291	Source UVX par g�n�ration d'harmoniques d'ordre �lev� : applications potentielles � la physique des surfaces. European Physical Journal Special Topics, 2001, 11, Pr7-73-Pr7-76.	0.2	0
292	The Effect of Etchant Composition on Film Structure during Laser-Assisted Porous Si Growth. Physica Status Solidi A, 2000, 182, 87-91.	1.7	7
293	STM studies of passivated Au nanocrystals immobilised on a passivated Au(111) surface: ordered arrays and single electron tunnelling. Chemical Physics Letters, 2000, 330, 1-6.	2.6	29
294	In situ photoluminescence studies of photochemically grown porous silicon. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 69-70, 157-160.	3.5	10
295	A triphenylene derivative as a novel negative/positive tone resist of 10 nanometer resolution. Microelectronic Engineering, 2000, 53, 425-428.	2.4	25
296	Direct electron beam writing of nanostructures using passivated gold clusters. Microelectronic Engineering, 2000, 53, 187-190.	2.4	8
297	On the role of the pore filling medium in photoluminescence from photochemically etched porous silicon. Journal of Applied Physics, 2000, 88, 2472-2479.	2.5	46
298	Orientational and translational ordering of sub-monolayer films of passivated multiply-twinned gold clusters. Journal Physics D: Applied Physics, 2000, 33, L23-L26.	2.8	3
299	Polysubstituted derivatives of triphenylene as high resolution electron beam resists for nanolithography. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 2730.	1.6	17
300	Negative ion resonances of O ₂ adsorbed on Ag surfaces. Journal of Physics Condensed Matter, 2000, 12, R53-R82.	1.8	11
301	Pinning of size-selected Ag clusters on graphite surfaces. Journal of Chemical Physics, 2000, 113, 7723-7727.	3.0	92
302	Shallow Implantation of �Size-Selected� Ag Clusters into Graphite. Physical Review Letters, 2000, 84, 2654-2657.	7.8	71
303	Desorption of organic species from the GaAs (100) surface at low temperatures using low energy electron irradiation in a hydrogen ambient. Applied Physics Letters, 2000, 76, 3034-3036.	3.3	2
304	Dissociation and desorption of ferrocene on graphite by low energy electron impact. Surface Science, 2000, 451, 250-254.	1.9	11
305	HREELS study of alkanethiol passivated gold clusters on graphite. Surface Science, 2000, 454-456, 963-967.	1.9	11
306	Negative ion resonance states of SF ₆ physisorbed on the graphite surface investigated by high-resolution electron energy loss spectroscopy. Surface Science, 2000, 465, 76-80.	1.9	5

#	ARTICLE	IF	CITATIONS
307	Nucleation and growth of C60 thin films on graphite. <i>Surface Science</i> , 2000, 447, 126-132.	1.9	25
308	Implantation of size-selected Si clusters into graphite. <i>Applied Physics Letters</i> , 2000, 77, 3003-3005.	3.3	3
309	Scanning probe energy loss spectroscopy: Angular resolved measurements on silicon and graphite surfaces. <i>Applied Physics Letters</i> , 2000, 77, 4223-4225.	3.3	36
310	Structural Properties of Self-Organized Organo-Silicon Macromolecular Films Investigated by Scanning Tunneling Microscopy and X-ray Diffraction. <i>Journal of Physical Chemistry B</i> , 2000, 104, 1285-1291.	2.6	16
311	Application of Clusters to the Fabrication of Silicon Nanostructures. <i>Springer Series in Cluster Physics</i> , 2000, , 275-301.	0.3	0
312	Fabrication of ordered arrays of silicon nanopillars. <i>Journal Physics D: Applied Physics</i> , 1999, 32, L129-L132.	2.8	34
313	A new high transmission infinite range mass selector for cluster and nanoparticle beams. <i>Review of Scientific Instruments</i> , 1999, 70, 4497-4501.	1.3	150
314	Depletion of Molecular Vibrational Modes through Electron Impact and Evidence for Resonance Dissociation to Neutrals in Condensed CH ₃ Cl/Graphite. <i>Physical Review Letters</i> , 1999, 83, 3332-3335.	7.8	6
315	Deposition of passivated gold nanoclusters onto prepatterned substrates. <i>Applied Physics Letters</i> , 1999, 74, 2833-2835.	3.3	30
316	Reactive ion etching of piezoelectric Pb(Zr _x Ti _{1-x})O ₃ in a SF ₆ plasma. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999, 17, 2467-2469.	2.1	11
317	Surface plasmon dispersion of a cluster-assembled silver nanoparticle film. <i>Physical Review B</i> , 1999, 59, 9874-9877.	3.2	19
318	Self-assembly of size-selected colloidal metal clusters: Crystalline descriptions of non-close-packed arrangements. <i>Philosophical Magazine Letters</i> , 1999, 79, 569-574.	1.2	8
319	Indirect Band Gap of Light-Emitting BC ₂ N. <i>Physical Review Letters</i> , 1999, 83, 2406-2408.	7.8	81
320	Selective area oxide desorption by electron irradiation in a H ₂ ambient on GaAs (100). <i>Applied Physics Letters</i> , 1999, 74, 950-952.	3.3	0
321	Electron-beam-induced fragmentation in ultrathin C ₆₀ films on Si(100): Mechanisms of cage destruction. <i>Physical Review B</i> , 1999, 60, 5927-5937.	3.2	26
322	Exposure mechanism of fullerene derivative electron beam resists. <i>Chemical Physics Letters</i> , 1999, 312, 469-474.	2.6	24
323	Fabrication of silicon cones and pillars using rough metal films as plasma etching masks. <i>Applied Physics Letters</i> , 1999, 74, 1627-1629.	3.3	86
324	Adsorption and decomposition of ethylene (C ₂ H ₄) on GaAs(100). <i>Surface Science</i> , 1999, 441, 192-198.	1.9	5

#	ARTICLE	IF	CITATIONS
325	10 nm scale electron beam lithography using a triphenylene derivative as a negative/positive tone resist. Journal Physics D: Applied Physics, 1999, 32, L75-L78.	2.8	43
326	Systematic Studies of Fullerene Derivative Electron Beam Resists. Materials Research Society Symposia Proceedings, 1999, 584, 115.	0.1	0
327	New High Resolution Liquid Crystal Electron Beam Resists. Materials Research Society Symposia Proceedings, 1999, 584, 129.	0.1	0
328	Negative Ion Resonances in Surface Dynamics: New Results and Applications. , 1999, , 153-166.		0
329	Photodissociation of condensed carbon dioxide below the gas phase thresholds. Chemical Physics Letters, 1998, 287, 742-746.	2.6	2
330	Electron beam induced fragmentation of fullerene derivatives. Chemical Physics Letters, 1998, 289, 586-590.	2.6	34
331	Room temperature manipulation of self-organised supramolecular nanostructures with a scanning tunnelling microscope. Chemical Physics Letters, 1998, 294, 229-232.	2.6	23
332	Hydrogen radical cleaning and low energy electron stimulated desorption of surface contaminants for MBE regrowth of GaAs. Applied Surface Science, 1998, 123-124, 308-312.	6.1	3
333	Fabrication of size-controlled 10-nm scale Si pillars using metal clusters as formation nuclei. Microelectronic Engineering, 1998, 41-42, 539-542.	2.4	15
334	Deposition and diffusion of size-selected (Ag 400 +) clusters on a stepped graphite surface. Applied Physics A: Materials Science and Processing, 1998, 67, 613-619.	2.3	24
335	Adsorption and decomposition of ferrocene on graphite studied by HREELS and STM. Surface Science, 1998, 400, 277-280.	1.9	19
336	Trapping of size-selected Ag clusters at surface steps. Applied Physics Letters, 1998, 72, 305-307.	3.3	70
337	A Fullerene derivative as an electron beam resist for nanolithography. Applied Physics Letters, 1998, 72, 1302-1304.	3.3	70
338	Microfabrication of nanoscale cluster chains on a patterned Si surface. Applied Physics Letters, 1998, 73, 2030-2032.	3.3	19
339	Formation of 10 nm Si structures using size-selected metal clusters. Journal Physics D: Applied Physics, 1998, 31, L21-L24.	2.8	35
340	Nano-machining of silicon phthalocyanine dichloride films on H-passivated Si(111). Journal Physics D: Applied Physics, 1998, 31, L37-L40.	2.8	6
341	Energetic impact of small Ag clusters on graphite. Journal of Applied Physics, 1998, 83, 733-737.	2.5	15
342	Electron-stimulated reaction of C60 with a model etching gas, SF6. Journal of Applied Physics, 1998, 84, 4603-4610.	2.5	7

#	ARTICLE	IF	CITATIONS
343	Two Chemisorbed Species of O ₂ on Ag(110). <i>Physical Review Letters</i> , 1998, 80, 5224-5227.	7.8	55
344	Weak adsorption of ethylene on GaAs(100). <i>Physical Review B</i> , 1998, 58, 1177-1180.	3.2	15
345	Compact ultrahigh vacuum sample exchange device with wide temperature range. <i>Review of Scientific Instruments</i> , 1998, 69, 313-314.	1.3	0
346	Manipulation of passivated gold clusters on graphite with the scanning tunneling microscope. <i>Applied Physics Letters</i> , 1998, 72, 176-178.	3.3	40
347	Energetic Impact of Size-Selected Metal Cluster Ions on Graphite. <i>Physical Review Letters</i> , 1998, 81, 3715-3718.	7.8	69
348	Electron-beam damage of C ₆₀ films on hydrogen-passivated Si(100). <i>Applied Physics Letters</i> , 1998, 72, 323-325.	3.3	15
349	The development of metallic behaviour in clusters on surfaces. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1998, 356, 231-247.	3.4	11
350	Fullerene Derivatives as Novel Resist Materials for Fabrication of MEMS Devices by Electron Beam Lithography. <i>Materials Research Society Symposia Proceedings</i> , 1998, 546, 219.	0.1	5
351	Nano-machining of films deposited on H-passivated Si(111). <i>Journal Physics D: Applied Physics</i> , 1997, 30, 3307-3311.	2.8	3
352	Injection of Mass-Selected Ions into a Quadrupole Ion Trap. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L639-L642.	1.5	11
353	A comparative study of the photodissociation of physisorbed on Pt(111) and graphite. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 5815-5822.	1.8	5
354	Scanning tunneling microscopy of ordered coated cluster layers on graphite. <i>Applied Physics Letters</i> , 1997, 71, 2940-2942.	3.3	39
355	Gas condensation source for production and deposition of size-selected metal clusters. <i>Review of Scientific Instruments</i> , 1997, 68, 3327-3334.	1.3	111
356	Film growth and surface reactions of C ₆₀ on Si(100)H(2Å ⁻¹). <i>Physical Review B</i> , 1997, 56, 9918-9924.	3.2	38
357	Compact sputter source for deposition of small size-selected clusters. <i>Review of Scientific Instruments</i> , 1997, 68, 3335-3339.	1.3	38
358	VUV photochemistry of oriented molecules: methylchloride on highly oriented pyrolytic graphite. <i>Surface Science</i> , 1997, 390, 237-242.	1.9	14
359	Fabrication of 10-nm Si pillars with self-formed etching masks. <i>Microelectronic Engineering</i> , 1997, 35, 293-296.	2.4	6
360	Orientational ordering of a 2D molecular gas. <i>Chemical Physics Letters</i> , 1997, 277, 321-325.	2.6	5

#	ARTICLE	IF	CITATIONS
361	Building supramolecular nanostructures on surfaces: the influence of the substrate. Chemical Physics Letters, 1997, 279, 209-214.	2.6	25
362	Growth and electronic excitations of layered structures on graphite. Surface Science, 1996, 352-354, 442-446.	1.9	9
363	Electronic and geometric structure of Cs on graphite (0001). Surface Science, 1996, 364, 266-272.	1.9	29
364	Orientation in molecule - surface interactions. Journal of Physics Condensed Matter, 1996, 8, 3245-3269.	1.8	30
365	Angular distributions in resonance electron scattering by oriented physisorbed molecules. Surface Science, 1996, 368, 43-48.	1.9	14
366	Diffusion and aggregation of size-selected silver clusters on a graphite surface. Applied Physics Letters, 1996, 69, 2819-2821.	3.3	97
367	Deposition and growth of noble metal clusters on graphite. Journal of the Chemical Society Dalton Transactions, 1996, , 665.	1.1	59
368	Plasmon Dispersion and Damping at the Surface of a Semimetal. Physical Review Letters, 1996, 76, 1952-1955.	7.8	50
369	O - ESD from O ₂ monolayers physisorbed on graphite: a surface mediated mechanism. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1996, 38, 41-44.	1.0	12
370	The place of gold in the Nano World. Gold Bulletin, 1996, 29, 47-51.	2.7	7
371	Evidence for field emission in electroformed metal-insulator-metal devices. Thin Solid Films, 1996, 288, 164-170.	1.8	13
372	Influence of island mobility on island size distributions in surface growth. Physical Review B, 1996, 53, R7646-R7649.	3.2	48
373	Concerted regeneration of electroformed metal-insulator-metal devices. Journal of Applied Physics, 1996, 79, 8565-8570.	2.5	9
374	Surface Enhanced Photodissociation of Physisorbed Molecules. Physical Review Letters, 1996, 76, 1960-1963.	7.8	20
375	Electronic excitation of O ₂ molecules physisorbed on Ag(110). Physical Review B, 1996, 53, 1099-1102.	3.2	5
376	Diffusion controlled growth of metallic nanoclusters at selected surface sites. Journal of Applied Physics, 1996, 79, 2942-2947.	2.5	93
377	THE STRUCTURAL AND VIBRATIONAL PROPERTIES OF C ₆₀ ADSORBED ON THE GRAPHITE(0001) SURFACE. Surface Review and Letters, 1996, 03, 937-942.	1.1	15
378	Photon stimulated ion desorption from polyatomic molecules in the VUV: - graphite. Journal of Physics Condensed Matter, 1996, 8, L153-L158.	1.8	4

#	ARTICLE	IF	CITATIONS
379	Regeneration of electroformed metal - insulator - metal devices: a new model. Journal of Physics Condensed Matter, 1996, 8, 329-338.	1.8	8
380	Electron stimulated desorption from selected phases of physisorbed CO/graphite: evidence for structure sensitive desorption dynamics. Journal of Physics Condensed Matter, 1996, 8, L71-L78.	1.8	7
381	The gas sensitivity of device and emission currents in an electroformed MIM device. Journal Physics D: Applied Physics, 1996, 29, 837-842.	2.8	3
382	The impact of size-selected Ag clusters on graphite: an STM study. Journal of Physics Condensed Matter, 1996, 8, L617-L624.	1.8	44
383	The electronic catalyst: dissociation of chlorinated hydrocarbons by metal-insulator-metal electron emitters. Chemical Physics Letters, 1995, 234, 354-358.	2.6	25
384	Selective ion desorption in ESD from physisorbed CO/graphite. Chemical Physics Letters, 1995, 246, 79-84.	2.6	3
385	Energy and lifetime of the f resonance of oriented O ₂ physisorbed on Ag(110). Physical Review B, 1995, 52, 12395-12401.	3.2	10
386	Charge transfer and structure in C ₆₀ adsorption on metal surfaces. Physical Review B, 1995, 51, 10039-10047.	3.2	133
387	LEED and resonance EELS study of the (NO) ₂ dimer on graphite. Surface Science, 1995, 329, 184-192.	1.9	15
388	Negative-ion resonances in vibrational excitation and photochemistry of chemisorbed molecules: a critical case study of O ₂ /Pt(111). Journal of the Chemical Society, Faraday Transactions, 1995, 91, 3633.	1.7	4
389	Competing photodissociation pathways for physisorbed O ₂ /graphite investigated using Ar spacer layers. Chemical Physics Letters, 1995, 247, 348-354.	2.6	1
390	Mechanistic studies of the photodissociation of physisorbed O ₂ /graphite. Journal of Physics Condensed Matter, 1994, 6, 1955-1964.	1.8	7
391	Possibility of coherent multiple excitation in atom transfer with a scanning tunneling microscope. Physical Review B, 1994, 49, 10655-10662.	3.2	157
392	Electron-molecule scattering and photodynamics at surfaces. Surface Science, 1994, 307-309, 335-343.	1.9	16
393	Electron stimulated desorption of F ⁺ ions from MBE grown. Surface Science, 1994, 307-309, 372-376.	1.9	5
394	Electron Scattering by Oriented Molecules on Surfaces. , 1994, , 243-254.		0
395	Electron-stimulated ion-molecule reactions in O ₂ films on graphite. Chemical Physics Letters, 1993, 206, 181-186.	2.6	4
396	Resonance electron scattering by physisorbed and chemisorbed O ₂ on Pt(111). Chemical Physics Letters, 1993, 210, 15-20.	2.6	24

#	ARTICLE	IF	CITATIONS
397	Negative ion resonances and surface vibrations. Journal of Electron Spectroscopy and Related Phenomena, 1993, 64-65, 39-49.	1.7	6
398	X-ray and UV photoemission studies of mono-, bi- and multilayers of physisorbed molecules: O ₂ and N ₂ on graphite. Surface Science, 1993, 295, 1-12.	1.9	71
399	Temperature dependent behaviour in the adsorption of submonolayer potassium on graphite. Surface Science, 1993, 284, 349-360.	1.9	41
400	Resonance electron scattering by adsorbed molecules: resonance energy versus bond length. Surface Science, 1993, 287-288, 165-168.	1.9	7
401	Intercalation of potassium from the surface of graphite. Surface Science, 1993, 287-288, 178-182.	1.9	30
402	Core level spectroscopy of physisorbed molecules on graphite. Surface Science, 1993, 287-288, 758-769.	1.9	38
403	New resonances in high resolution EELS of adsorbed molecules: electronic excitation of physisorbed O ₂ . Surface Science, 1993, 291, 139-144.	1.9	9
404	Resonant excitation of low frequency modes in electron scattering by physisorbed O ₂ on Pt(111). Journal of Chemical Physics, 1993, 99, 7175-7178.	3.0	9
405	Electron-driven dynamics at the gas/solid interface: dissociation, desorption and reaction of adsorbed molecules. Faraday Discussions, 1993, 96, 117.	3.2	12
406	Nanofabrication of metal structures in gold films deposited on mica. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1993, 11, 1992.	1.6	6
407	Competing routes for charge transfer in co-adsorption of K and O ₂ on graphite. Physical Review Letters, 1993, 71, 641-644.	7.8	50
408	Energy Loss and (e,2e) Studies of Molecules on Surfaces. , 1993, , 265-272.		1
409	Orientation-dependent final-state effects in photoelectron spectra of physisorbed molecules. Physical Review Letters, 1992, 68, 982-985.	7.8	42
410	Resonances in electron scattering by molecules on surfaces. Reviews of Modern Physics, 1992, 64, 383-440.	45.6	277
411	Resonance electron scattering by oriented O ₂ , N ₂ , and CO and application to physisorption on graphite. Journal of Chemical Physics, 1992, 97, 8736-8747.	3.0	14
412	Electronic structure and phase transitions of submonolayer potassium on graphite. Physical Review B, 1992, 46, 15484-15489.	3.2	46
413	Orientation of a molecular precursor: a NEXAFS study of O ₂ /Ag(110). Surface Science, 1992, 278, 239-245.	1.9	70
414	Selective resonance population in EELS of physisorbed O ₂ . Surface Science, 1992, 269-270, 420-424.	1.9	10

#	ARTICLE	IF	CITATIONS
415	NEXAFS study of molecular orientation in physisorbed oxygen on graphite. Surface Science, 1992, 269-270, 432-437.	1.9	28
416	Resonant electron-stimulated desorption of O ⁺ ions from oriented O ₂ on graphite. Surface Science, 1992, 272, 313-317.	1.9	31
417	Electron-molecule dynamics at surfaces. Progress in Surface Science, 1992, 41, 51-108.	8.3	110
418	Resonant substrate-mediated photodissociation of adsorbed molecules: O ₂ /graphite. Chemical Physics Letters, 1992, 198, 241-245.	2.6	11
419	Phase transitions and excitation spectrum of submonolayer potassium on graphite. Physical Review Letters, 1991, 67, 1562-1565.	7.8	95
420	Potassium-adsorption-induced plasmon frequency shift in graphite. Journal of Physics Condensed Matter, 1991, 3, S103-S106.	1.8	20
421	Temperature-dependent plasmon frequency and linewidth in a semimetal. Physical Review Letters, 1991, 66, 492-495.	7.8	75
422	Resonant electronic excitation of O ₂ on graphite. Chemical Physics Letters, 1990, 169, 204-208.	2.6	17
423	Transient negative ions in the Spectroscopy and dynamics of molecules on surfaces: orientational effects. Journal of Electron Spectroscopy and Related Phenomena, 1990, 54-55, 519-527.	1.7	4
424	Selective resonance population in electron scattering by adsorbed molecules. Physical Review Letters, 1990, 64, 1301-1304.	7.8	68
425	Selection rules in resonance electron scattering from adsorbed molecules. Physical Review B, 1990, 41, 4793-4796.	3.2	21
426	Resonance electron scattering by O ₂ monolayers on graphite. Surface Science, 1990, 237, 153-172.	1.9	49
427	A resonance EELS study of CO monolayers on graphite. Surface Science, 1990, 233, 269-275.	1.9	27
428	A high-sensitivity low-energy electron diffractometer. Review of Scientific Instruments, 1989, 60, 3065-3067.	1.3	14
429	Resonance electron scattering from adsorbed molecules: Angular distribution of inelastically scattered electrons and application to physisorbed O ₂ on graphite. Physical Review B, 1989, 39, 7552-7560.	3.2	39
430	Adsorbate resonant states: Resonance energy shifts due to elastic multiple electron scattering. Physical Review Letters, 1989, 63, 2496-2499.	7.8	32
431	The interpretation of angular distributions in resonance electron scattering: multiple scattering and selection rules. Journal of Physics Condensed Matter, 1989, 1, SB225-SB226.	1.8	2
432	High-order periodicity of physisorbed CO on graphite. Journal of Physics Condensed Matter, 1989, 1, SB7-SB11.	1.8	3

#	ARTICLE	IF	CITATIONS
433	An electron energy loss spectroscopy study of O ₂ and H ₂ physisorbed on graphite. <i>Vacuum</i> , 1988, 38, 271-274.	3.5	3
434	Initial state effects in the inverse photoemission spectrum of CO/Pd(111). <i>Vacuum</i> , 1988, 38, 353-355.	3.5	3
435	Determination of Adsorbate Molecular Orientation from Resonance Electron-Scattering Angular Distributions. <i>Physical Review Letters</i> , 1988, 60, 329-332.	7.8	65
436	Surface dielectric response of a semimetal: Electron-energy-loss spectroscopy of graphite. <i>Physical Review B</i> , 1988, 37, 2408-2414.	3.2	29
437	Loss structure in the electron-energy-loss excitation continuum of a semimetal. <i>Physical Review Letters</i> , 1987, 58, 2490-2493.	7.8	73
438	UHV sample mount for the temperature range 10 ⁻⁴ -1300 K. <i>Review of Scientific Instruments</i> , 1987, 58, 1118-1120.	1.3	18
439	New loss features in the EELS spectrum of semimetallic graphite. <i>Surface Science</i> , 1987, 189-190, 1009-1014.	1.9	12
440	Rotational states of physisorbed hydrogen on graphite. <i>Surface Science</i> , 1987, 179, L1-L5.	1.9	57
441	Resonance scattering of electrons from orientated O ₂ physisorbed on graphite. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1987, 44, 229-237.	1.7	4
442	Phonons in graphite studied by eels. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1987, 44, 355-360.	1.7	38
443	Lifetimes of molecular negative ion resonances on surfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1986, 38, 317-318.	1.7	3