

Roberto C Salvarezza

List of Publications by Year in descending order

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times ranked

10228
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Ligands on the Stability of Gold Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 6475-6480.	4.6	5
2	Unraveling the Causes of the Instability of Au _n (SR) _x Nanoclusters on Au(111). <i>Chemistry of Materials</i> , 2021, 33, 3428-3435.	6.7	3
3	Dynamics of RS-(Au-SR) _x Staple Motifs on Metal Surfaces: From Nanoclusters to 2D Surfaces. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5452-5459.	3.1	6
4	Shedding Light on the Interfacial Structure of Low-Coverage Alkanethiol Lattices. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26748-26758.	3.1	6
5	Gold adatoms modulate sulfur adsorption on gold. <i>Nanoscale</i> , 2019, 11, 19341-19351.	5.6	7
6	New aspects of the surface chemistry of sulfur on Au(111): Surface structures formed by gold-sulfur complexes. <i>Applied Surface Science</i> , 2019, 487, 848-856.	6.1	6
7	The surface chemistry of near-infrared resonant gold nanotriangles obtained via thiosulfate synthesis. <i>Applied Surface Science</i> , 2019, 464, 131-139.	6.1	9
8	Solving the Long-Standing Controversy of Long-Chain Alkanethiols Surface Structure on Au(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 3893-3902.	3.1	14
9	Role of Gold Adatoms in the Adsorption of Sulfide Species on the Gold(001)-hex Surface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2207-2214.	3.1	12
10	Electronic Structure of a Self-Assembled Monolayer with Two Surface Anchors: 6-Mercaptopurine on Au(111). <i>Langmuir</i> , 2018, 34, 5696-5702.	3.5	5
11	Phosphonic acid functionalization of nanostructured Ni-W coatings on steel. <i>Applied Surface Science</i> , 2018, 433, 292-299.	6.1	17
12	Highly Stabilized Nanoparticles on Poly-L-Lysine-Coated Oxidized Metals: A Versatile Platform with Enhanced Antimicrobial Activity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23657-23666.	8.0	39
13	Polymorphism and metal-induced structural transformation in 5,5'-bis(4-pyridyl)(2,2'-bispyrimidine) adlayers on Au(111). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15960-15969.	2.8	8
14	The Role of a Double Molecular Anchor on the Mobility and Self-Assembly of Thiols on Au(111): The Case of Mercaptobenzoic Acid. <i>ChemPhysChem</i> , 2017, 18, 804-811.	2.1	7
15	6-Mercaptopurine Self-Assembled Monolayers on Gold (001)-Hex: Revealing the Fate of Gold Adatoms. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8938-8943.	3.1	8
16	New Insight into the Chemical Nature of the Plasmonic Nanostructures Synthesized by the Reduction of Au(III) with Sulfide Species. <i>Langmuir</i> , 2017, 33, 6785-6793.	3.5	14
17	Surface Structure of 4-Mercaptopyridine on Au(111): A New Dense Phase. <i>Langmuir</i> , 2017, 33, 9565-9572.	3.5	24
18	Thermal Stability of Self-Assembled Monolayers of <i>n</i> -Hexanethiol on Au(111)-(1 × 1) and Au(001)-(1 × 1). <i>Journal of Physical Chemistry C</i> , 2017, 121, 12345-12355.	3.1	32

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19	New Insight into the Interface Chemistry and Stability of Glutathione Self-Assembled Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , 2016, 120, 14597-14607.	3.1	10
20	The role of the crystalline face in the ordering of 6-mercaptopurine self-assembled monolayers on gold. <i>Nanoscale</i> , 2016, 8, 17231-17240.	5.6	16
21	Surface Structure and Chemistry of Alkanethiols on Au(100)-(1 Å ⁻¹) Substrates. <i>Journal of Physical Chemistry C</i> , 2016, 120, 291-296.	3.1	28
22	Electrodeposition of gold nanoparticles on aryl diazonium monolayer functionalized HOPG surfaces. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1953-1960.	2.8	29
23	Optical Nanoparticle Sorting Elucidates Synthesis of Plasmonic Nanotriangles. <i>ACS Nano</i> , 2016, 10, 3614-3621.	14.6	39
24	Role of the capping agent in the interaction of hydrophilic Ag nanoparticles with DMPC as a model biomembrane. <i>Environmental Science: Nano</i> , 2016, 3, 462-472.	4.3	22
25	Thiol Adsorption on the Au(100)-hex and Au(100)-(1 Å ⁻¹) Surfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14248-14254.	3.1	25
26	Real-Time Monitoring Distance Changes in Surfactant-Coated Au Nanoparticle Films upon Volatile Organic Compounds (VOCs). <i>Journal of Physical Chemistry C</i> , 2015, 119, 5098-5106.	3.1	12
27	Optimization of the surface properties of nanostructured Ni-W alloys on steel by a mixed silane layer. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14201-14207.	2.8	11
28	Functional nicotinic acetylcholine receptor reconstitution in Au(111)-supported thiolipid monolayers. <i>Nanoscale</i> , 2015, 7, 15789-15797.	5.6	3
29	Exploring the core level shift origin of sulfur and thiolates on Pd(111) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24349-24355.	2.8	9
30	Synergetic Light-Harvesting and Near-Field Enhancement in Multiscale Patterned Gold Substrates. <i>ACS Photonics</i> , 2015, 2, 1355-1365.	6.6	8
31	Localization of adhesins on the surface of a pathogenic bacterial envelope through atomic force microscopy. <i>Nanoscale</i> , 2015, 7, 17563-17572.	5.6	19
32	Structure and Electronic and Charge-Transfer Properties of Mercaptobenzoic Acid and Mercaptobenzoic Acid-Undecanethiol Mixed Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 30013-30022.	3.1	11
33	A novel model for the (√3 × √3)R30° alkanethiolate-Au(111) phase based on alkanethiolate-Au adatom complexes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19017.	2.8	13
34	Influence of Capping on the Atomistic Arrangement in Palladium Nanoparticles at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24641-24647.	3.1	20
35	Surface Chemistry of Thiomalic Acid Adsorption on Planar Gold and Gold Nanoparticles. <i>Langmuir</i> , 2014, 30, 1820-1826.	3.5	19
36	Self-assembly of flagellin on Au(111) surfaces. <i>Journal of Colloid and Interface Science</i> , 2014, 433, 86-93.	9.4	6

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37	Self-assembled monolayers of thiolates on metals: a review article on sulfur-metal chemistry and surface structures. RSC Advances, 2014, 4, 27730-27754.	3.6	187
38	Synergy between Graphene and Au Nanoparticles (Heterojunction) towards Quenching, Improving Raman Signal, and UV Light Sensing. ACS Applied Materials & Interfaces, 2014, 6, 6384-6391.	8.0	36
39	Understanding the Surface Chemistry of Thiolate-Protected Metallic Nanoparticles. Journal of Physical Chemistry Letters, 2013, 4, 3127-3138.	4.6	66
40	Hydrocarbon Chain Length Induces Surface Structure Transitions in Alkanethiolate-Gold Adatom Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry C, 2013, 117, 2160-2165.	3.1	24
41	The electrochemistry of nanostructured Ni-W alloys. Journal of Solid State Electrochemistry, 2013, 17, 307-313.	2.5	25
42	Surface Chemistry of 4-Mercaptobenzoic Acid Self-Assembled on Ag(111) and Ag Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 24967-24974.	3.1	21
43	Strong Correlation between Molecular Configurations and Charge-Transfer Processes Probed at the Single-Molecule Level by Surface-Enhanced Raman Scattering. Journal of the American Chemical Society, 2013, 135, 2809-2815.	13.7	68
44	New Findings for the Composition and Structure of Ni Nanoparticles Protected with Organomercaptan Molecules. Langmuir, 2013, 29, 4670-4678.	3.5	15
45	Liquid-liquid microextraction based on a dispersion of Pd nanoparticles combined with ETAAS for sensitive Hg determination in water samples. Talanta, 2013, 108, 46-52.	5.5	15
46	Electrochemical Desorption of Thiolates and Sulfur from Nanoparticle and Planar Platinum Surfaces. Journal of Physical Chemistry C, 2013, 117, 7589-7597.	3.1	8
47	Citrate-Capped Silver Nanoparticles Showing Good Bactericidal Effect against Both Planktonic and Sessile Bacteria and a Low Cytotoxicity to Osteoblastic Cells. ACS Applied Materials & Interfaces, 2013, 5, 3149-3159.	8.0	105
48	Surface-diffusion-driven decay of high-aspect-ratio gratings: Existence of morphologically related classes. Physical Review E, 2013, 87, 062407.	2.1	5
49	One-dimensional gratings evolving through high-temperature annealing: sine-generated solutions. Journal of Physics Condensed Matter, 2012, 24, 015001.	1.8	7
50	Complex Surface Chemistry of 4-Mercaptopyridine Self-Assembled Monolayers on Au(111). Langmuir, 2012, 28, 6839-6847.	3.5	45
51	New Insights into the Chemistry of Thiolate-Protected Palladium Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 9830-9837.	3.1	65
52	Self-assembly of thiolated cyanine aggregates on Au(111) and Au nanoparticle surfaces. Nanoscale, 2012, 4, 531-540.	5.6	8
53	Adhesin Contribution to Nanomechanical Properties of the Virulent <i>Bordetella pertussis</i> Envelope. Langmuir, 2012, 28, 7461-7469.	3.5	18
54	Mechanisms of Defect Generation and Clustering in CH ₃ S Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry Letters, 2012, 3, 2159-2163.	4.6	9

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55	Sulfidization of Au(111) from Thioacetic Acid: An Experimental and Theoretical Study. <i>Langmuir</i> , 2012, 28, 15278-15285.	3.5	16
56	Melanin films on Au(1 1 1): Adsorption and molecular conductance. <i>Organic Electronics</i> , 2012, 13, 1844-1852.	2.6	4
57	New insight into the electrochemical desorption of alkanethiol SAMs on gold. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 12355.	2.8	29
58	Improved Vapor Selectivity and Stability of Localized Surface Plasmon Resonance with a Surfactant-Coated Au Nanoparticles Film. <i>Analytical Chemistry</i> , 2012, 84, 4886-4892.	6.5	27
59	Are 4-Mercaptobenzoic Acid Self Assembled Monolayers on Au(111) a Suitable System to Test Adatom Models?. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25765-25771.	3.1	35
60	The Chemistry of the Sulfur-Gold Interface: In Search of a Unified Model. <i>Accounts of Chemical Research</i> , 2012, 45, 1183-1192.	15.6	459
61	The chemistry and structure of nickel-tungsten coatings obtained by pulse galvanostatic electrodeposition. <i>Electrochimica Acta</i> , 2012, 72, 87-93.	5.2	35
62	From Single to Multiple Ag-Layer Modification of Au Nanocavity Substrates: A Tunable Probe of the Chemical Surface-Enhanced Raman Scattering Mechanism. <i>ACS Nano</i> , 2011, 5, 5433-5443.	14.6	37
63	Surface functionalization of electro-deposited nickel. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17987.	2.8	18
64	Aromatic and Aliphatic Thiol Self-Assembled Monolayers on Au: Anchoring and Delivering Copper Species. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24707-24717.	3.1	17
65	Alkanethiol Adsorption on Platinum: Chain Length Effects on the Quality of Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17788-17798.	3.1	34
66	“Naked” gold nanoparticles supported on HOPG: melanin functionalization and catalytic activity. <i>Nanoscale</i> , 2011, 3, 1708.	5.6	21
67	Have flagella a preferred orientation during early stages of biofilm formation?: AFM study using patterned substrates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 536-542.	5.0	41
68	Ni-W coatings electrodeposited on carbon steel: Chemical composition, mechanical properties and corrosion resistance. <i>Electrochimica Acta</i> , 2011, 56, 5898-5903.	5.2	63
69	Electronic and magnetic properties of C60 thin films under ambient conditions: A multitechnique study. <i>Organic Electronics</i> , 2011, 12, 1483-1492.	2.6	20
70	Adsorption and thermal stability of alkanethiol films on GaAs(110): A comparative study by TOF-DRS and TOF-SIMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 924-931.	1.4	4
71	Spontaneous adsorption of silver nanoparticles on Ti/TiO2 surfaces. Antibacterial effect on <i>Pseudomonas aeruginosa</i> . <i>Journal of Colloid and Interface Science</i> , 2010, 350, 402-408.	9.4	145
72	A theoretical framework to obtain interface™s shapes during the high-temperature annealing of high-aspect-ratio gratings. <i>Applied Physics Letters</i> , 2010, 97, 123104.	3.3	7

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73	A Surface Effect Allows HNO/NO Discrimination by a Cobalt Porphyrin Bound to Gold. <i>Inorganic Chemistry</i> , 2010, 49, 6955-6966.	4.0	63
74	On the Thermodynamic Stability of \pm -Alkanedithiols Self-Assembled Monolayers on Unreconstructed and Reconstructed Au(111). <i>Langmuir</i> , 2010, 26, 9589-9595.	3.5	12
75	Thiol with an Unusual Adsorption-Desorption Behavior: 6-Mercaptopurine on Au(111). <i>Langmuir</i> , 2010, 26, 17068-17074.	3.5	34
76	Synthesis and Characterization of Gold@Gold(I)-Thiomalate Core@Shell Nanoparticles. <i>ACS Nano</i> , 2010, 4, 3413-3421.	14.6	50
77	Methylene Blue Incorporation into Alkanethiol SAMs on Au(111): Effect of Hydrocarbon Chain Ordering. <i>Langmuir</i> , 2010, 26, 8226-8232.	3.5	41
78	Monitoring the Electrochemistry of Single Molecules by Surface-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 18034-18037.	13.7	121
79	Electrochemical Modulation for Signal Discrimination in Surface Enhanced Raman Scattering (SERS). <i>Analytical Chemistry</i> , 2010, 82, 6919-6925.	6.5	29
80	Surface Relaxation of High-Aspect-Ratio Nanostructures: Theory and Experiments. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4603-4610.	3.1	7
81	Self-assembled monolayers of thiols and dithiols on gold: new challenges for a well-known system. <i>Chemical Society Reviews</i> , 2010, 39, 1805.	38.1	1,200
82	The Complex Thiol-Palladium Interface: A Theoretical and Experimental Study. <i>Langmuir</i> , 2010, 26, 14655-14662.	3.5	33
83	Organization of <i>Pseudomonas fluorescens</i> on Chemically Different Nano/Microstructured Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2530-2539.	8.0	30
84	Modeling thermal decay of high-aspect-ratio nanostructures. <i>Applied Physics Letters</i> , 2009, 94, 053103.	3.3	7
85	Electrochemical Preparation and Delivery of Melanin-Iron Covered Gold Nanoparticles. <i>ChemPhysChem</i> , 2009, 10, 370-373.	2.1	4
86	Phospholipid Bilayers Supported on Thiolate-Covered Nanostructured Gold: In Situ Raman Spectroscopy and Electrochemistry of Redox Species. <i>ChemPhysChem</i> , 2009, 10, 1927-1933.	2.1	9
87	Electrochemical preparation of metal-melanin functionalized graphite surfaces. <i>Electrochimica Acta</i> , 2009, 54, 1589-1596.	5.2	8
88	Electrochemically induced self-assembly of alkanethiolate adlayers on carbon steel in aqueous solutions. <i>Electrochimica Acta</i> , 2009, 54, 4817-4821.	5.2	6
89	Oxygen Reduction on Iron-Melanin Granular Surfaces. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17097-17103.	3.1	27
90	From Monomers to Geometry-Constrained Molecules: One Step Further Toward Cyanide Bridged Wires. <i>Inorganic Chemistry</i> , 2009, 48, 11226-11235.	4.0	19

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91	Submicron Trenches Reduce the <i>Pseudomonas fluorescens</i> Colonization Rate on Solid Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 136-143.	8.0	43
92	Enhanced Stability of Thiolate Self-Assembled Monolayers (SAMs) on Nanostructured Gold Substrates. <i>Langmuir</i> , 2009, 25, 5661-5666.	3.5	70
93	Self-assembled dithiothreitol on Au surfaces for biological applications: phospholipid bilayer formation. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1077-1084.	2.8	46
94	Ag-modified Au nanocavity SERS substrates. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7469.	2.8	23
95	Self-Assembly of Alkanedithiols on Au(111) from Solution: Effect of Chain Length and Self-Assembly Conditions. <i>Langmuir</i> , 2009, 25, 12945-12953.	3.5	72
96	Electrochemical and X-ray Photoelectron Spectroscopy Characterization of Alkanethiols Adsorbed on Palladium Surfaces. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6735-6742.	3.1	42
97	Spontaneously Formed Sulfur Adlayers on Gold in Electrolyte Solutions: Adsorbed Sulfur or Gold Sulfide?. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11394-11402.	3.1	87
98	In Situ Raman Spectroscopy of Redox Species Confined in Self-Assembled Molecular Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3741-3746.	3.1	18
99	On the Thermodynamic Stability of (S ₃ -S ₃)R ₃₀ Methanethiolate Lattice on Reconstructed Au(111) Surface Models. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19121-19124.	3.1	20
100	Spontaneous Nanoripple Formation on Metallic Templates. <i>ACS Nano</i> , 2008, 2, 2531-2539.	14.6	8
101	Effect of Ag Adatoms on High-Coverage Alkanethiolate Adsorption on Au(111). <i>Journal of Physical Chemistry C</i> , 2008, 112, 4557-4563.	3.1	8
102	Self-Assembled Monolayers on C(0001)., 2008, , 513-529.		0
103	Thiol-capped gold: from planar to irregular surfaces. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 184004.	1.8	38
104	Gas Phase Formation of Dense Alkanethiol Layers on GaAs(110). <i>Journal of the American Chemical Society</i> , 2007, 129, 7807-7813.	13.7	26
105	Restricted Surface Mobility of Thiolate-Covered Metal Surfaces: A Simple Strategy to Produce High-Area Functionalized Surfaces. <i>Langmuir</i> , 2007, 23, 1152-1159.	3.5	17
106	Thiol-Capped Gold Nanoparticles on Graphite: Spontaneous Adsorption and Electrochemically Induced Release. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7179-7184.	3.1	29
107	Nano/Microscale Order Affects the Early Stages of Biofilm Formation on Metal Surfaces. <i>Langmuir</i> , 2007, 23, 11206-11210.	3.5	123
108	Preparation of Ultrathin Thiolate-Covered Bimetallic Systems: From Extended Planar to Nanoparticle Surfaces. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9359-9364.	3.1	16

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109	Electrocatalytic and Magnetic Properties of Ultrathin Nanostructured Iron-Melanin Films on Au(111). Chemistry - A European Journal, 2007, 13, 473-482.	3.3	14
110	Exploring Three-Dimensional Nanosystems with Raman Spectroscopy: Methylene Blue Adsorbed on Thiol and Sulfur Monolayers on Gold. Journal of Physical Chemistry B, 2006, 110, 354-360.	2.6	43
111	Surface characterization of sulfur and alkanethiol self-assembled monolayers on Au(111). Journal of Physics Condensed Matter, 2006, 18, R867-R900.	1.8	163
112	Room-Temperature Kinetics of Short-Chain Alkanethiol Film Growth on Ag(111) from the Vapor Phase. Journal of Physical Chemistry B, 2006, 110, 7095-7097.	2.6	22
113	Two-Site Adsorption Model for the (111)-R30° Dodecanethiolate Lattice on Au(111) Surfaces. Journal of Physical Chemistry B, 2006, 110, 5586-5594.	2.6	63
114	Immobilization of Methylene Blue on Self-Assembled Iodine Monolayers on Gold. Journal of Nanoscience and Nanotechnology, 2006, 6, 2362-2367.	0.9	2
115	Adsorption of short-chain alkanethiols on Ag(111) studied by direct recoiling spectroscopy. Surface Science, 2006, 600, 2305-2316.	1.9	19
116	Electrochemical Deposition onto Self-Assembled Monolayers: New Insights into Micro- and Nanofabrication. Chemistry - A European Journal, 2006, 12, 38-49.	3.3	43
117	Silver electrodeposition on nanostructured gold: from nanodots to nanoripples. Nanotechnology, 2006, 17, 3428-3435.	2.6	7
118	Modeling growth from the vapor and thermal annealing on micro- and nanopatterned substrates. Physical Review E, 2006, 73, 011607.	2.1	10
119	Evidence for the Formation of Different Energetically Similar Atomic Structures in Ag(111)-(7×7)-R19.1°-CH ₃ S. Physical Review Letters, 2006, 97, 226103.	7.8	37
120	Surface-relief micropatterning of zinc oxide substrates by micromolding pulsed-laser-deposited films. Applied Physics A: Materials Science and Processing, 2005, 81, 1113-1116.	2.3	8
121	Molding and Replication of Ceramic Surfaces with Nanoscale Resolution. Small, 2005, 1, 300-309.	10.0	27
122	Pattern preserving deposition: Experimental results and modeling. Applied Physics Letters, 2005, 87, 123104.	3.3	5
123	Biomimetics with a Self-Assembled Monolayer of Catalytically Active Tethered Isoalloxazine on Au. Langmuir, 2005, 21, 7907-7911.	3.5	18
124	Electrochemical Self-Assembly of Alkanethiolate Molecules on Ni(111) and Polycrystalline Ni Surfaces. Journal of Physical Chemistry B, 2005, 109, 23450-23460.	2.6	42
125	Complex Surface Dynamics during Anodic Dissolution of Ni. Langmuir, 2005, 21, 9238-9245.	3.5	9
126	Electrochemical Self-Assembly of Melanin Films on Gold. Langmuir, 2005, 21, 5924-5930.	3.5	48

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127	Self-assembled monolayers of alkanethiols on Au(111): surface structures, defects and dynamics. Physical Chemistry Chemical Physics, 2005, 7, 3258.	2.8	299
128	Surface nanopatterning of metal thin films by physical vapour deposition onto surface-modified silicon nanodots. Nanotechnology, 2004, 15, S197-S200.	2.6	24
129	Probing universality classes in solid-on-solid deposition. Physical Review E, 2004, 70, 011605.	2.1	4
130	Direct Nanopatterning of Metal Surfaces Using Self-Assembled Molecular Films. Advanced Materials, 2004, 16, 405-409.	21.0	42
131	Sulfur electroadsorption on Au(111). Electrochimica Acta, 2004, 49, 3643-3649.	5.2	25
132	Molecular Self-Assembly on Ultrathin Metallic Surfaces: Alkanethiolate Monolayers on Ag(111). Journal of Physical Chemistry B, 2004, 108, 10785-10795.	2.6	22
133	Influence of the Adsorption of N Species on the Anodic Dissolution of Ni. Langmuir, 2004, 20, 2361-2368.	3.5	9
134	Influence of the Nanostructure of Palladium Mesoparticles on the Kinetics of Molecular Oxygen Electroreduction. Journal of Physical Chemistry B, 2004, 108, 10785-10795.	2.6	22
135	Role of Surface Heterogeneity and Molecular Interactions in the Charge-Transfer Process through Self-Assembled Thiolate Monolayers on Au(111). Langmuir, 2004, 20, 5030-5037.	3.5	43
136	Electroformation of quasi-two-dimensional silver patterns in the absence of supporting electrolyte. Journal of Solid State Electrochemistry, 2003, 7, 545-553.	2.5	2
137	Metal electrodeposition on self-assembled monolayers: a versatile tool for pattern transfer on metal thin films. Electrochimica Acta, 2003, 48, 3107-3114.	5.2	54
138	Scanning Tunneling Microscopy, Voltammetry, and X-ray Photoelectron Spectroscopy Study of the Early Stages of Electrochemical Faceting of Gold (111) in Aqueous Sulfuric and Perchloric Acid. Journal of Physical Chemistry B, 2003, 107, 11452-11466.	2.6	26
139	Comparative Molecular Resolution STM Imaging of Thiourea, Ethylthiourea, and Sulfur Self-Assembled Adlayer Structures on Silver (111). Langmuir, 2003, 19, 5336-5343.	3.5	18
140	Electrodesorption Potentials of Self-Assembled Alkanethiolate Monolayers on Copper Electrodes. An Experimental and Theoretical Study. Journal of Physical Chemistry B, 2003, 107, 13446-13454.	2.6	51
141	Modeling heterogeneity and memory effects on the kinetic roughening of silica films grown by chemical vapor deposition. Physical Review B, 2003, 67, .	3.2	8
142	Direct molding of nanopatterned polymeric films: Resolution and errors. Applied Physics Letters, 2003, 82, 457-459.	3.3	13
143	A predictive tool in micro- and nanoengineering: Straightforward estimation of conformal film growth efficiency. Applied Physics Letters, 2003, 82, 1953-1955.	3.3	11
144	Dynamics of solid growth under a gravitational field: Influence of the formation of a diffusive layer. Physical Review E, 2003, 67, 061605.	2.1	3

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145	Templated electrodeposition of patterned soft magnetic films. Applied Physics Letters, 2002, 80, 1061-1063.	3.3	28
146	Scanning Tunneling Microscopy, Fourier Transform Infrared Reflection~Absorption Spectroscopy, and X-ray Photoelectron Spectroscopy of Thiourea Adsorption from Aqueous Solutions on Silver (111). Journal of Physical Chemistry B, 2002, 106, 9831-9838.	2.6	20
147	Building Complex Two~ Dimensional Structures:~ Methylene Blue on Self-Assembled Monolayer~ Covered Au(111). Journal of Physical Chemistry B, 2002, 106, 9114-9121.	2.6	33
148	Thermal Annealing of Patterned Metal Surfaces. Langmuir, 2002, 18, 10430-10434.	3.5	20
149	A Monte Carlo simulation for the stripping of the ~ R30~ alkanethiol lattice from Au(111) terraces and steps. Journal of Chemical Physics, 2002, 117, 2293-2298.	3.0	7
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