

Andreas Terfort

List of Publications by Year in descending order

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126
papers

6,105
citations

87888

38
h-index

76900

74
g-index

130
all docs

130
docs citations

130
times ranked

7140
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorinated Azaacenes: Efficient Syntheses, Structures, and Electrochemical Properties. <i>Journal of Fluorine Chemistry</i> , 2022, 257-258, 109960.	1.7	0
2	Concept of Embedded Dipoles as a Versatile Tool for Surface Engineering. <i>Accounts of Chemical Research</i> , 2022, 55, 1857-1867.	15.6	15
3	Relative cross sections and appearance energies in electron impact ionization and dissociation of mono-halogenated biphenyls. <i>International Journal of Mass Spectrometry</i> , 2021, 459, 116452.	1.5	3
4	Modification of Alkanethiolate Self-Assembled Monolayers by Ultraviolet Light: The Effect of Wavelength. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1855-1864.	3.1	3
5	Thermally Stable and Highly Conductive SAMs on Ag Substrate—The Impact of the Anchoring Group. <i>Advanced Electronic Materials</i> , 2021, 7, 2000947.	5.1	8
6	Electron Irradiation Promoted Exchange Reaction as a Tool for Surface Engineering and Chemical Lithography. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100148.	3.7	15
7	A model study on controlling dealloying corrosion attack by lateral modification of surfactant inhibitors. <i>Npj Materials Degradation</i> , 2021, 5, .	5.8	8
8	Substituted Dibenzodiazocines: Rapid Synthesis and Photochemical Properties. <i>ACS Omega</i> , 2021, 6, 18434-18441.	3.5	6
9	Perfluorinated Acenes: Crystalline Phases, Polymorph-Selective Growth, and Optoelectronic Properties. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19000-19012.	3.1	9
10	Electrochemical O-trifluoromethylation of electron-deficient phenols. <i>Electrochemistry Communications</i> , 2021, 133, 107165.	4.7	2
11	Self-Assembled Monolayers with Distributed Dipole Moments Originating from Bipyrimidine Units. <i>Journal of Physical Chemistry C</i> , 2020, 124, 504-519.	3.1	15
12	Highly oriented and polyoxometalate-incorporating surface-attached metal-organic frameworks for efficient dye adsorption and water oxidation. <i>Dalton Transactions</i> , 2020, 49, 16627-16632.	3.3	10
13	Electron Transfer Dynamics and Structural Effects in Benzonitrile Monolayers with Tuned Dipole Moments by Differently Positioned Fluorine Atoms. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39859-39869.	8.0	10
14	Charge Transport Properties of Single-Component and Binary Aromatic Self-Assembled Monolayers with Methyl and Trifluoromethyl Tail Groups. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24837-24848.	3.1	17
15	Pronounced Solvent Effect on the Composition of Binary Self-Assembled Monolayers with Embedded Dipole Moments. <i>Journal of Physical Chemistry C</i> , 2020, 124, 28596-28604.	3.1	4
16	Interfacial Band Engineering of MoS ₂ /Gold Interfaces Using Pyrimidine-Containing Self-Assembled Monolayers: Toward Contact-Resistance-Free Bottom-Contacts. <i>Advanced Electronic Materials</i> , 2020, 6, 2000110.	5.1	18
17	Smart Molecular Nanosheets for Advanced Preparation of Biological Samples in Electron Cryo-Microscopy. <i>ACS Nano</i> , 2020, 14, 9972-9978.	14.6	14
18	Self-Assembled Monolayers with Embedded Dipole Moments for Work Function Engineering of Oxide Substrates. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8775-8785.	3.1	22

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19	Concentration-Dependent Seeding as a Strategy for Fabrication of Densely Packed Surface-Mounted Metal-Organic Frameworks (SURMOF) Layers. <i>Chemistry - A European Journal</i> , 2020, 26, 5185-5189.	3.3	16
20	Heterochiral recognition among functionalized heptahelicenes on noble metal surfaces. <i>Chemical Communications</i> , 2019, 55, 10595-10598.	4.1	18
21	Reestablishing Odd-Even Effects in Anthracene-Derived Monolayers by Introduction of a Pseudo-C _{2v} Symmetry. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20362-20372.	3.1	8
22	Liquid-Phase Epitaxial Growth of Highly Oriented and Multivariate Surface-Attached Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 18984-18993.	13.7	44
23	The fate of bromine after temperature-induced dehydrogenation of on-surface synthesized bisheptahelicene. <i>Chemical Science</i> , 2019, 10, 2998-3004.	7.4	25
24	The role of the dihedral angle and excited cation states in ionization and dissociation of mono-halogenated biphenyls; a combined experimental and theoretical coupled cluster study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4556-4567.	2.8	4
25	Noncovalent Functionalization of Carbon Substrates with Hydrogels Improves Structural Analysis of Vitrified Proteins by Electron Cryo-Microscopy. <i>ACS Nano</i> , 2019, 13, 7185-7190.	14.6	8
26	Bottom-Up Synthesis of Graphene Monolayers with Tunable Crystallinity and Porosity. <i>ACS Nano</i> , 2019, 13, 7310-7322.	14.6	24
27	Photoisomerization of azobenzene-substituted alkanethiolates on Au(111) substrates in the context of work function variation: the effect of structure and packing density. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9098-9105.	2.8	12
28	Mobility of charge carriers in self-assembled monolayers. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2449-2458.	2.8	3
29	Zr-Metal-Organic Frameworks Featuring TEMPO Radicals: Synergistic Effect between TEMPO and Hydrophilic Zr-Node Defects Boosting Aerobic Oxidation of Alcohols. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3034-3043.	8.0	40
30	Electrochemical removal of biofilms from titanium dental implant surfaces. <i>Bioelectrochemistry</i> , 2018, 121, 84-94.	4.6	37
31	Dynamics of Electron Transfer in Self-Assembled Monolayers with Acene Backbone. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4105-4115.	3.1	9
32	Understanding the Properties of Tailor-Made Self-Assembled Monolayers with Embedded Dipole Moments for Interface Engineering. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28757-28774.	3.1	38
33	Synergism in Bond Strength Modulation Opens an Alternative Concept for Protective Groups in Surface Chemistry. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28839-28845.	3.1	7
34	Embedded Dipole Self-Assembled Monolayers for Contact Resistance Tuning in p-Type and n-Type Organic Thin Film Transistors and Flexible Electronic Circuits. <i>Advanced Functional Materials</i> , 2018, 28, 1804462.	14.9	66
35	Diastereoselective Ullmann Coupling to Bishelicenes by Surface Topochemistry. <i>Journal of the American Chemical Society</i> , 2018, 140, 15186-15189.	13.7	24
36	Stereospecific Autocatalytic Surface Explosion Chemistry of Polycyclic Aromatic Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2018, 140, 7705-7709.	13.7	11

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37	Pyridine as a Resonantly Addressable Group to Study Electron-Transfer Dynamics in Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12534-12544.	3.1	12
38	Potential-induced phase transition of benzoxazole-2-thiol, naphthaleneoxazole-2-thiol and anthraceneoxazole-2-thiol monolayers on gold electrodes. <i>Electrochimica Acta</i> , 2018, 283, 167-173.	5.2	3
39	Diastereoselective self-assembly of bisheptahelicene on Cu(111). <i>Chemical Communications</i> , 2018, 54, 8757-8760.	4.1	13
40	Mixed Monomolecular Films with Embedded Dipolar Groups on Ag(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 19514-19523.	3.1	16
41	Heterochiral to Homochiral Transition in Pentahelicene 2D Crystallization Induced by Second-Layer Nucleation. <i>ACS Nano</i> , 2017, 11, 865-871.	14.6	37
42	Modification of Pyridine-Terminated Aromatic Self-Assembled Monolayers by Electron Irradiation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9982-9990.	3.1	5
43	Self-Perforated Hydrogel Nanomembranes Facilitate Structural Analysis of Proteins by Electron Cryo-Microscopy. <i>ACS Nano</i> , 2017, 11, 6467-6473.	14.6	16
44	Adjustment of the Work Function of Pyridine and Pyrimidine Substituted Aromatic Self-Assembled Monolayers by Electron Irradiation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12834-12841.	3.1	14
45	Effect of Electron Irradiation on Electric Transport Properties of Aromatic Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7355-7364.	3.1	16
46	Relative Stability of Thiolate and Selenolate SAMs on Ag(111) Substrate Studied by Static SIMS. Oscillation in Stability of Consecutive Chemical Bonds. <i>Journal of Physical Chemistry C</i> , 2017, 121, 459-470.	3.1	13
47	Relative Thermal Stability of Thiolate- and Selenolate-Bonded Aromatic Monolayers on the Au(111) Substrate. <i>Journal of Physical Chemistry C</i> , 2017, 121, 28031-28042.	3.1	33
48	Triptycene-terminated thiolate and selenolate monolayers on Au(111). <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 892-905.	2.8	18
49	Amplified cross-linking efficiency of self-assembled monolayers through targeted dissociative electron attachment for the production of carbon nanomembranes. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 2562-2571.	2.8	8
50	Minimization of Surface Energies and Ripening Outcompete Template Effects in the Surface Growth of Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2016, 128, 8488-8492.	2.0	1
51	Minimization of Surface Energies and Ripening Outcompete Template Effects in the Surface Growth of Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8348-8352.	13.8	12
52	Self-Assembled Monolayers of Perfluoroanthracenylaminoalkane Thiolates on Gold as Potential Electron Injection Layers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7308-7319.	8.0	12
53	Employing X-ray Photoelectron Spectroscopy for Determining Layer Homogeneity in Mixed Polar Self-Assembled Monolayers. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2994-3000.	4.6	28
54	Dipole-induced asymmetric conduction in tunneling junctions comprising self-assembled monolayers. <i>RSC Advances</i> , 2016, 6, 69479-69483.	3.6	31

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55	Self-Assembled Monolayers of Pseudo- <i>C_{2v}</i> -Symmetric, Low-Band-Gap Areneoxazolethiolates on Gold Surfaces. <i>Langmuir</i> , 2016, 32, 11474-11484.	3.5	12
56	Transition voltages respond to synthetic reorientation of embedded dipoles in self-assembled monolayers. <i>Chemical Science</i> , 2016, 7, 781-787.	7.4	46
57	Formation of oriented and patterned films of metal-organic frameworks by liquid phase epitaxy: A review. <i>Coordination Chemistry Reviews</i> , 2016, 307, 391-424.	18.8	193
58	The Effects of Embedded Dipoles in Aromatic Self-Assembled Monolayers. <i>Advanced Functional Materials</i> , 2015, 25, 3943-3957.	14.9	90
59	Maskless Ultraviolet Projection Lithography with a Biorepelling Monomolecular Resist. <i>Journal of Physical Chemistry C</i> , 2015, 119, 494-501.	3.1	13
60	Oscillations in the Stability of Consecutive Chemical Bonds Revealed by Ion-Induced Desorption. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1336-1340.	13.8	17
61	Insight into the Oriented Growth of Surface-Attached Metal-Organic Frameworks: Surface Functionality, Deposition Temperature, and First Layer Order. <i>Journal of the American Chemical Society</i> , 2015, 137, 8237-8243.	13.7	95
62	Thiolate <i>versus</i> Selenolate: Structure, Stability, and Charge Transfer Properties. <i>ACS Nano</i> , 2015, 9, 4508-4526.	14.6	69
63	Promoting Effect of Protecting Group on the Structure and Morphology of Self-Assembled Monolayers: Terphenylethanethioactate on Au(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 25352-25363.	3.1	11
64	Odd-Even Effects in the Structure and Stability of Azobenzene-Substituted Alkanethiolates on Au(111) and Ag(111) Substrates. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25929-25944.	3.1	27
65	Titelbild: Schaltung bakterieller Adhäsion auf glycosylierten Oberflächen durch reversible Reorientierung der Kohlenhydratliganden (<i>Angew. Chem.</i> 52/2014). <i>Angewandte Chemie</i> , 2014, 126, 14501-14501.	2.0	0
66	Switching of Bacterial Adhesion to a Glycosylated Surface by Reversible Reorientation of the Carbohydrate Ligand. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14583-14586.	13.8	74
67	Biodegradable human serum albumin nanoparticles as contrast agents for the detection of hepatocellular carcinoma by magnetic resonance imaging. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 132-141.	4.3	33
68	Nitro-Substituted Aromatic Thiolate Self-Assembled Monolayers: Structural Properties and Electron Transfer upon Resonant Excitation of the Tail Group. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26049-26060.	3.1	16
69	UV-mediated tuning of surface biorepulsivity in aqueous environment. <i>Chemical Communications</i> , 2014, 50, 4325-4327.	4.1	13
70	Exchange Reactions between Alkanethiolates and Alkaneselenols on Au{111}. <i>Journal of the American Chemical Society</i> , 2014, 136, 8110-8121.	13.7	41
71	Nickel Deposition on Fluorinated, Aromatic Self-Assembled Monolayers: Chemically Induced Cross-Linking as a Tool for the Preparation of Well-Defined Top Metal Films. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11763-11773.	3.1	7
72	Direct grafting of anti-fouling polyglycerol layers to steel and other technically relevant materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 360-366.	5.0	37

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73	A Universal Scheme to Convert Aromatic Molecular Monolayers into Functional Carbon Nanomembranes. <i>ACS Nano</i> , 2013, 7, 6489-6497.	14.6	141
74	Polymorphism in Self-Assembled Terphenylthiolate Monolayers on Au(111). <i>Langmuir</i> , 2013, 29, 13449-13456.	3.5	33
75	Structural characterization of a series of aryl selenoacetates. <i>Journal of Molecular Structure</i> , 2013, 1039, 61-70.	3.6	10
76	Influence of an Atom in EGaIn/Ga ₂ O ₃ Tunneling Junctions Comprising Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11367-11376.	3.1	67
77	A "dual click"™ strategy for the fabrication of bioselective, glycosylated self-assembled monolayers as glycolocalyx models. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4006.	2.8	13
78	Patterned Deposition of Metal-Organic Frameworks onto Plastic, Paper, and Textile Substrates by Inkjet Printing of a Precursor Solution. <i>Advanced Materials</i> , 2013, 25, 4631-4635.	21.0	168
79	Static Conductance of Nitrile-Substituted Oligophenylene and Oligo(phenylene ethynylene) Self-Assembled Monolayers Studied by the Mercury-Drop Method. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25556-25561.	3.1	27
80	Application of Long Wavelength Ultraviolet Radiation for Modification and Patterning of Protein-Repelling Monolayers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5824-5830.	3.1	25
81	Reusable plasmonic substrates fabricated by interference lithography: a platform for systematic sensing studies. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 170-175.	2.5	25
82	Deposition of Metal-Organic Frameworks by Liquid-Phase Epitaxy: The Influence of Substrate Functional Group Density on Film Orientation. <i>Materials</i> , 2012, 5, 1581-1592.	2.9	67
83	Catalytic C-Se Bond Formation under Very Mild Conditions for the Two-Step, One-Pot Synthesis of Aryl Selenoacetates. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2653-2658.	4.3	11
84	Controlled Modification of Protein-Repelling Self-Assembled Monolayers by Ultraviolet Light: The Effect of the Wavelength. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9019-9028.	3.1	31
85	Bacteria-Repulsive Polyglycerol Surfaces by Grafting Polymerization onto Aminopropylated Surfaces. <i>Langmuir</i> , 2012, 28, 15916-15921.	3.5	25
86	Odd-Even Effect in the Polymorphism of Self-Assembled Monolayers of Biphenyl-Substituted Alkaneselenolates on Au(111). <i>Journal of Physical Chemistry C</i> , 2012, 116, 19535-19542.	3.1	19
87	Thin film reference electrodes for aqueous and organic media. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 155-164.	7.8	6
88	The oriented and patterned growth of fluorescent metal-organic frameworks onto functionalized surfaces. <i>Beilstein Journal of Nanotechnology</i> , 2012, 3, 570-578.	2.8	41
89	Electrochemical investigations on stability and protonation behavior of pyridine-terminated aromatic self-assembled monolayers. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15530.	2.8	27
90	Compensation of the Odd-Even Effects in Aliphatic Self-Assembled Monolayers by Nonsymmetric Attachment of the Aromatic Part. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2841-2854.	3.1	28

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91	Modification of Self-Assembled Monolayers of Perfluoroterphenyl-Substituted Alkanethiols by Low-Energy Electrons. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4773-4782.	3.1	13
92	Electronic Structure of Aromatic Monomolecular Films: The Effect of Molecular Spacers and Interfacial Dipoles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22422-22428.	3.1	21
93	Dynamic Double Lattice of 1-Adamantaneselenolate Self-Assembled Monolayers on Au{111}. <i>Journal of the American Chemical Society</i> , 2011, 133, 19422-19431.	13.7	25
94	Synthesis of a New Copper-Azobenzene Dicarboxylate Framework in the Form of Hierarchical Bulk Solids and Thin Films without and with Patterning. <i>Chemistry of Materials</i> , 2011, 23, 5366-5374.	6.7	35
95	Rapid Room-Temperature Synthesis of Metal-Organic Framework HKUST-1 Crystals in Bulk and as Oriented and Patterned Thin Films. <i>Advanced Functional Materials</i> , 2011, 21, 1442-1447.	14.9	225
96	Ion-Beam-Induced Desorption as a Method for Probing the Stability of the Molecule-Substrate Interface in Self-Assembled Monolayers. <i>ChemPhysChem</i> , 2011, 12, 2554-2557.	2.1	8
97	Liquid-Phase Epitaxy of Multicomponent Layer-Based Porous Coordination Polymer Thin Films of [M(L)(P)0.5] Type: Importance of Deposition Sequence on the Oriented Growth. <i>Chemistry - A European Journal</i> , 2011, 17, 1448-1455.	3.3	155
98	Grafting Organic Semiconductors to Surfaces: (Perfluoro- <i>p</i> -terphenyl)alkanethiols. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3041-3048.	2.4	13
99	Preparation of Azobenzenealkanethiols for Self-Assembled Monolayers with Photoswitchable Properties. <i>Australian Journal of Chemistry</i> , 2010, 63, 303.	0.9	10
100	Biphenylnitrile-Based Self-Assembled Monolayers on Au(111): Spectroscopic Characterization and Resonant Excitation of the Nitrile Tail Group. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12719-12727.	3.1	30
101	Relative stability of thiol and selenol based SAMs on Au(111) - exchange experiments. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4400.	2.8	52
102	Structural characterization of self-assembled monolayers of pyridine-terminated thiolates on gold. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4459.	2.8	76
103	Self-assembled monolayers of perfluoroterphenyl-substituted alkanethiols: specific characteristics and odd-even effects. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12123.	2.8	63
104	A divergent synthesis of oligoarylalkanethiols with Lewis-basic N-donor termini. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3552.	2.8	32
105	Making Protein Patterns by Writing in a Protein-Repelling Matrix. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5833-5836.	13.8	66
106	XPS and NEXAFS studies of aliphatic and aromatic amine species on functionalized surfaces. <i>Surface Science</i> , 2009, 603, 2849-2860.	1.9	357
107	Controlling interpenetration in metal-organic frameworks by liquid-phase epitaxy. <i>Nature Materials</i> , 2009, 8, 481-484.	27.5	500
108	IR spectroscopic characterization of SAMs made from a homologous series of pyridine disulfides. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 172, 120-127.	1.7	19

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109	Micrometer-Scale Protein-Resistance Gradients by Electron-Beam Lithography. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7238-7241.	13.8	33
110	Selenium as a Key Element for Highly Ordered Aromatic Self-Assembled Monolayers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5250-5252.	13.8	78
111	A modular approach for the construction and modification of glyco-SAMs utilizing 1,3-dipolar cycloaddition. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2118.	2.8	47
112	Effect of the Bending Potential on Molecular Arrangement in Alkaneselenolate Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12495-12506.	3.1	47
113	Odd-Even Effect in Molecular Packing of Biphenyl-Substituted Alkaneselenolate Self-Assembled Monolayers on Au(111): Scanning Tunneling Microscopy Study. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15466-15473.	3.1	59
114	Tuning the Exchange Reaction between a Self-assembled Monolayer and Potential Substituents by Electron Irradiation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7772-7782.	3.1	59
115	Balance of Structure-Building Forces in Selenium-Based Self-Assembled Monolayers. <i>Journal of the American Chemical Society</i> , 2007, 129, 2232-2233.	13.7	55
116	Direct Probing Molecular Twist and Tilt in Aromatic Self-Assembled Monolayers. <i>Journal of the American Chemical Society</i> , 2007, 129, 15416-15417.	13.7	96
117	Self-Assembled Monolayers of Aromatic Tellurides on (111)-Oriented Gold and Silver Substrates. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11627-11635.	3.1	38
118	A Comprehensive Study of Self-Assembled Monolayers of Anthracenethiol on Gold: Solvent Effects, Structure, and Stability. <i>Journal of the American Chemical Society</i> , 2006, 128, 1723-1732.	13.7	150
119	Heterogeneous electron transfer processes in triarylamine- and ferrocene-based self-assembled monolayers. <i>Journal of Electroanalytical Chemistry</i> , 2006, 590, 32-36.	3.8	14
120	Removal of self-assembled monolayers of alkanethiolates on gold by plasma cleaning. <i>Surface Science</i> , 2005, 595, 56-63.	1.9	95
121	Preparation, Modification, and Crystallinity of Aliphatic and Aromatic Carboxylic Acid Terminated Self-Assembled Monolayers. <i>Langmuir</i> , 2002, 18, 3980-3992.	3.5	226
122	Electron Transport through Thin Organic Films in Metal-Insulator-Metal Junctions Based on Self-Assembled Monolayers. <i>Journal of the American Chemical Society</i> , 2001, 123, 5075-5085.	13.7	597
123	Determination of Molecular Orientation in Self-Assembled Monolayers Using IR Absorption Intensities: The Importance of Grinding Effects. <i>Langmuir</i> , 2001, 17, 4980-4989.	3.5	84
124	Structural Characterization of Organothiolate Adlayers on Gold: The Case of Rigid, Aromatic Backbones. <i>Langmuir</i> , 2001, 17, 3689-3695.	3.5	116
125	Electrochemical and surface analytical studies of self-assembled monolayers of three aromatic thiols on gold electrodes. <i>Journal of Solid State Electrochemistry</i> , 2001, 5, 396-401.	2.5	20
126	Fabrication of a Carboxyl-Terminated Organic Surface with Self-Assembly of Functionalized Terphenylthiols: The Importance of Hydrogen Bond Formation. <i>Journal of the American Chemical Society</i> , 1998, 120, 12069-12074.	13.7	147