

# Lifeng Chi

## List of Publications by Year in descending order

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324  
papers

13,087  
citations

23544

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33869

99  
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326  
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326  
docs citations

326  
times ranked

15788  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-k Gate Dielectrics for Emerging Flexible and Stretchable Electronics. <i>Chemical Reviews</i> , 2018, 118, 5690-5754.	23.0	530
2	Transparent superhydrophobic/superhydrophilic TiO <sub>2</sub> -based coatings for self-cleaning and anti-fogging. <i>Journal of Materials Chemistry</i> , 2012, 22, 7420.	6.7	441
3	A new approach for the fabrication of an alternating multilayer film of poly(4-vinylpyridine) and poly(acrylic acid) based on hydrogen bonding. <i>Macromolecular Rapid Communications</i> , 1997, 18, 509-514.	2.0	377
4	Linear Alkane Polymerization on a Gold Surface. <i>Science</i> , 2011, 334, 213-216.	6.0	321
5	On-Surface Synthesis of Rylene-Type Graphene Nanoribbons. <i>Journal of the American Chemical Society</i> , 2015, 137, 4022-4025.	6.6	278
6	Recent Advances in TiO <sub>2</sub> -Based Nanostructured Surfaces with Controllable Wettability and Adhesion. <i>Small</i> , 2016, 12, 2203-2224.	5.2	278
7	High Performance Field-Effect Ammonia Sensors Based on a Structured Ultrathin Organic Semiconductor Film. <i>Advanced Materials</i> , 2013, 25, 3419-3425.	11.1	263
8	In Situ Surface-Modification-Induced Superhydrophobic Patterns with Reversible Wettability and Adhesion. <i>Advanced Materials</i> , 2013, 25, 1682-1686.	11.1	249
9	Field Emission Properties of Large-Area Nanowires of Organic Charge-Transfer Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 1120-1121.	6.6	228
10	Electronic Structure of Spatially Aligned Graphene Nanoribbons on Au(788). <i>Physical Review Letters</i> , 2012, 108, 216801.	2.9	212
11	Langmuir-Blodgett Patterning: A Bottom-Up Way To Build Mesostructures over Large Areas. <i>Accounts of Chemical Research</i> , 2007, 40, 393-401.	7.6	207
12	Osteoblast alignment, elongation and migration on grooved polystyrene surfaces patterned by Langmuir-Blodgett lithography. <i>Biomaterials</i> , 2005, 26, 563-570.	5.7	168
13	Synthesis of Armchair and Chiral Carbon Nanobelts. <i>CheM</i> , 2019, 5, 838-847.	5.8	167
14	Bioinspired Patterning with Extreme Wettability Contrast on TiO <sub>2</sub> Nanotube Array Surface: A Versatile Platform for Biomedical Applications. <i>Small</i> , 2013, 9, 2945-2953.	5.2	159
15	An Ultrasensitive Organic Semiconductor NO <sub>2</sub> Sensor Based on Crystalline TIPS-Pentacene Films. <i>Advanced Materials</i> , 2017, 29, 1703192.	11.1	158
16	Imparting Catalytic Activity to a Covalent Organic Framework Material by Nanoparticle Encapsulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7481-7488.	4.0	157
17	Controllable Growth and Field-Effect Property of Monolayer to Multilayer Microstripes of an Organic Semiconductor. <i>Journal of the American Chemical Society</i> , 2010, 132, 8807-8809.	6.6	155
18	Optimizing the Volmer Step by Single-Layer Nickel Hydroxide Nanosheets in Hydrogen Evolution Reaction of Platinum. <i>ACS Catalysis</i> , 2015, 5, 3801-3806.	5.5	142

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19	Enabling Light Work in Helical Self-Assembly for Dynamic Amplification of Chirality with Photoreversibility. <i>Journal of the American Chemical Society</i> , 2016, 138, 2219-2224.	6.6	142
20	Stereospecific Interaction between Immune Cells and Chiral Surfaces. <i>Journal of the American Chemical Society</i> , 2007, 129, 1496-1497.	6.6	135
21	Simple Approach to Wafer-Scale Self-Cleaning Antireflective Silicon Surfaces. <i>Langmuir</i> , 2009, 25, 7769-7772.	1.6	132
22	Design and Assembly of Rotaxane-Based Molecular Switches and Machines. <i>Small</i> , 2012, 8, 504-516.	5.2	131
23	Two Dimensional Chiral Networks Emerging from the Aryl <sup>+</sup> F <sup>-</sup> H Hydrogen-Bond-Driven Self-Assembly of Partially Fluorinated Rigid Molecular Structures. <i>Journal of the American Chemical Society</i> , 2008, 130, 10840-10841.	6.6	126
24	Surface-Controlled Mono/Diselective <i>ortho</i> C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2016, 138, 2809-2814.	6.6	120
25	Advanced colloidal lithography: From patterning to applications. <i>Nano Today</i> , 2018, 22, 36-61.	6.2	120
26	Biomimetic Antireflective Si Nanopillar Arrays. <i>Small</i> , 2008, 4, 1972-1975.	5.2	113
27	Topographic effect on human induced pluripotent stem cells differentiation towards neuronal lineage. <i>Biomaterials</i> , 2013, 34, 8131-8139.	5.7	108
28	Efficient PbS quantum dot solar cells employing a conventional structure. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23960-23966.	5.2	104
29	Solution-Processed All-Oxide Transparent High-Performance Transistors Fabricated by Spray-Combustion Synthesis. <i>Advanced Electronic Materials</i> , 2016, 2, 1500427.	2.6	101
30	Biomimetic corrugated silicon nanocone arrays for self-cleaning antireflection coatings. <i>Nano Research</i> , 2010, 3, 520-527.	5.8	99
31	N,P-coordinated fullerene-like carbon nanostructures with dual active centers toward highly-efficient multi-functional electrocatalysis for CO <sub>2</sub> RR, ORR and Zn-air battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15271-15277.	5.2	99
32	Spatially Confined Assembly of Nanoparticles. <i>Accounts of Chemical Research</i> , 2014, 47, 3009-3017.	7.6	98
33	Synthesis of Surface Covalent Organic Frameworks via Dimerization and Cyclotrimerization of Acetyls. <i>Journal of the American Chemical Society</i> , 2015, 137, 4904-4907.	6.6	98
34	Multilayer Assemblies of Copolymer PSOH and PVP on the Basis of Hydrogen Bonding. <i>Langmuir</i> , 2000, 16, 10490-10494.	1.6	95
35	From Achiral Molecular Components to Chiral Supermolecules and Supercoil Self-Assembly. <i>Chemistry - A European Journal</i> , 1999, 5, 1144-1149.	1.7	94
36	Supramolecular Nanocircles Consisting of Streptavidin and DNA. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3055-3059.	7.2	93

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37	Growth of Ultrathin Organic Semiconductor Microstripes with Thickness Control in the Monolayer Precision. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12530-12535.	7.2	92
38	Biosupramolecular Nanowires from Chlorophyll Dyes with Exceptional Charge Transport Properties. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6378-6382.	7.2	88
39	CdSe/CdS quantum dots co-sensitized TiO <sub>2</sub> nanotube array photoelectrode for highly efficient solar cells. <i>Electrochimica Acta</i> , 2012, 79, 175-181.	2.6	87
40	Lateral Patterning of Luminescent CdSe Nanocrystals by Selective Dewetting from Self-Assembled Organic Templates. <i>Nano Letters</i> , 2004, 4, 885-888.	4.5	86
41	Controllable wettability and adhesion on bioinspired multifunctional TiO <sub>2</sub> nanostructure surfaces for liquid manipulation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18531-18538.	5.2	84
42	Fabrication and origin of high-k carbon nanotube/epoxy composites with low dielectric loss through layer-by-layer casting technique. <i>Carbon</i> , 2015, 85, 28-37.	5.4	82
43	Stereoselective Interaction between DNA and Chiral Surfaces. <i>Journal of the American Chemical Society</i> , 2008, 130, 11284-11285.	6.6	81
44	Nucleic Acid Supercoiling as a Means for Ionic Switching of DNA-Nanoparticle Networks. <i>ChemBioChem</i> , 2001, 2, 260-264.	1.3	80
45	Tuning the Intensity of Metal-Enhanced Fluorescence by Engineering Silver Nanoparticle Arrays. <i>Small</i> , 2010, 6, 1038-1043.	5.2	79
46	One-Dimensional Arrangement of Gold Nanoparticles with Tunable Interparticle Distance. <i>Small</i> , 2009, 5, 2819-2822.	5.2	75
47	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. <i>Nano Research</i> , 2013, 6, 159-166.	5.8	75
48	Two-Dimensional Networks via Quasi One-Dimensional Arrangements of Gold Clusters. <i>Nano Letters</i> , 2002, 2, 709-711.	4.5	74
49	Buildup of Composite Films Containing TiO <sub>2</sub> /PbS Nanoparticles and Polyelectrolytes Based on Electrostatic Interaction. <i>Langmuir</i> , 1997, 13, 5168-5174.	1.6	72
50	Regular Arrays of Copper Wires Formed by Template-Assisted Electrodeposition. <i>Advanced Materials</i> , 2004, 16, 409-413.	11.1	70
51	Studies on the Influence of Phasins on Accumulation and Degradation of PHB and Nanostructure of PHB Granules in <i>Ralstonia eutropha</i> H16. <i>Biomacromolecules</i> , 2007, 8, 657-662.	2.6	68
52	Self-Organized Complex Patterning: Langmuir-Blodgett Lithography. <i>Advanced Materials</i> , 2004, 16, 619-624.	11.1	65
53	Nanoscaled Surface Patterning of Conducting Polymers. <i>Small</i> , 2011, 7, 1309-1321.	5.2	64
54	Dynamic scanning force microscopy study of self-assembled DNA-protein nanostructures. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, 447-452.	1.1	63

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55	Patterning of Plasmonic Nanoparticles into Multiplexed One-Dimensional Arrays Based on Spatially Modulated Electrostatic Potential. <i>ACS Nano</i> , 2011, 5, 8288-8294.	7.3	62
56	Surface Supported Gold-Organic Hybrids: On-Surface Synthesis and Surface Directed Orientation. <i>Small</i> , 2014, 10, 1361-1368.	5.2	62
57	Carbohydrate-Assisted Combustion Synthesis To Realize High-Performance Oxide Transistors. <i>Journal of the American Chemical Society</i> , 2016, 138, 7067-7074.	6.6	61
58	N-Heterocyclic Carbene-Treated Gold Surfaces in Pentacene Organic Field-Effect Transistors: Improved Stability and Contact at the Interface. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4792-4796.	7.2	60
59	Anisotropic Contact-Angle Hysteresis of Chemically Nanostructured Surfaces. <i>ChemPhysChem</i> , 2001, 2, 187-191.	1.0	59
60	Fabrication of Functional Silver Nanobowl Arrays via Sphere Lithography. <i>Langmuir</i> , 2009, 25, 11216-11220.	1.6	59
61	Structural Variation in Surface-Supported Synthesis by Adjusting the Stoichiometric Ratio of the Reactants. <i>ACS Nano</i> , 2016, 10, 4228-4235.	7.3	55
62	Tunable random lasing behavior in plasmonic nanostructures. <i>Nano Convergence</i> , 2017, 4, 1.	6.3	54
63	Unraveling the Mechanism of the Persistent Photoconductivity in Organic Phototransistors. <i>Advanced Functional Materials</i> , 2019, 29, 1905657.	7.8	54
64	High-Quality Mapping of DNA-Protein Complexes by Dynamic Scanning Force Microscopy. <i>ChemPhysChem</i> , 2001, 2, 384-388.	1.0	53
65	Hierarchical Dehydrogenation Reactions on a Copper Surface. <i>Journal of the American Chemical Society</i> , 2018, 140, 6076-6082.	6.6	53
66	Hierarchical Luminescence Patterning Based on Multiscaled Self-Assembly. <i>Journal of the American Chemical Society</i> , 2006, 128, 9592-9593.	6.6	51
67	Patterning of Polymer Electrodes by Nanoscratching. <i>Advanced Materials</i> , 2010, 22, 1374-1378.	11.1	51
68	Biomimetic Antireflective Hierarchical Arrays. <i>Langmuir</i> , 2011, 27, 4963-4967.	1.6	51
69	Bottom-Up, On-Surface-Synthesized Armchair Graphene Nanoribbons for Ultra-High-Power Micro-Supercapacitors. <i>Journal of the American Chemical Society</i> , 2020, 142, 17881-17886.	6.6	51
70	High-Performance and Stable Organic Transistors and Circuits with Patterned Polypyrrole Electrodes. <i>Advanced Materials</i> , 2012, 24, 2159-2164.	11.1	50
71	Gas-Sensing Performance and Operation Mechanism of Organic Conjugated Materials. <i>ChemPlusChem</i> , 2019, 84, 1222-1234.	1.3	50
72	Benzo-Fused Periacenes or Double Helicenes? Different Cyclodehydrogenation Pathways on Surface and in Solution. <i>Journal of the American Chemical Society</i> , 2019, 141, 7399-7406.	6.6	49

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73	On-Surface Synthesis of Graphyne-Based Nanostructures. <i>Advanced Materials</i> , 2019, 31, e1804087.	11.1	49
74	Controlled Growth of Ultrathin Film of Organic Semiconductors by Balancing the Competitive Processes in Dip-Coating for Organic Transistors. <i>Langmuir</i> , 2016, 32, 6246-6254.	1.6	48
75	Electrical gas sensors based on structured organic ultra-thin films and nanocrystals on solid state substrates. <i>Nanoscale Horizons</i> , 2016, 1, 383-393.	4.1	48
76	A Strategy for Patterning Conducting Polymers Using Nanoimprint Lithography and Isotropic Plasma Etching. <i>Small</i> , 2009, 5, 583-586.	5.2	45
77	Selective Adsorption of DNA on Chiral Surfaces: Supercoiled or Relaxed Conformation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5282-5286.	7.2	44
78	Fabrication of Polypyrrole Wires Between Microelectrodes. <i>Small</i> , 2005, 1, 520-524.	5.2	43
79	Single-Molecule Study on Intermolecular Interaction between C60 and Porphyrin Derivatives: Toward Understanding the Strength of the Multivalency. <i>Langmuir</i> , 2009, 25, 6627-6632.	1.6	43
80	Investigation into Self-Assembled Monolayers of a Polyether Dendron Thiol: Chemisorption, Kinetics, and Patterned Surface. <i>Langmuir</i> , 2000, 16, 3813-3817.	1.6	42
81	Structured Polymer Brushes by AFM Lithography. <i>Small</i> , 2009, 5, 919-923.	5.2	42
82	Formation of Au55 Strands on a Molecular Template at the Solid-Liquid Interface. <i>Nano Letters</i> , 2002, 2, 459-463.	4.5	41
83	Self-assembly directed one-step synthesis of [4]radialene on Cu(100) surfaces. <i>Nature Communications</i> , 2018, 9, 3113.	5.8	41
84	Nanostructured DNA-Protein Aggregates Consisting of Covalent Oligonucleotide-Streptavidin Conjugates. <i>Bioconjugate Chemistry</i> , 2001, 12, 364-371.	1.8	40
85	Langmuir-Blodgett Patterning of Phospholipid Microstripes: Effect of the Second Component. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8039-8046.	1.2	40
86	Site-Selective Surface-Initiated Polymerization by Langmuir-Blodgett Lithography. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5231-5233.	7.2	40
87	Pattern Formation in Monolayer Transfer Systems with Substrate-Mediated Condensation. <i>Langmuir</i> , 2010, 26, 10444-10447.	1.6	40
88	Intermediate States Directed Chiral Transfer on a Silver Surface. <i>Journal of the American Chemical Society</i> , 2019, 141, 168-174.	6.6	40
89	Oxygen-Assisted Cathodic Deposition of Zeolitic Imidazolate Frameworks with Controlled Thickness. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1123-1128.	7.2	40
90	Fabrication of flexible superhydrophobic biomimic surfaces. <i>Soft Matter</i> , 2010, 6, 1438.	1.2	39

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91	Bio-inspired antireflective hetero-nanojunctions with enhanced photoactivity. <i>Nanoscale</i> , 2013, 5, 12383.	2.8	39
92	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. <i>ACS Nano</i> , 2019, 13, 13709-13715.	7.3	39
93	Fabrication of Chemically Patterned Surfaces Based on Template-Directed Self-Assembly. <i>Advanced Materials</i> , 2002, 14, 1812-1815.	11.1	38
94	Oligoethylene Chains Terminated by Ferrocenyl End Groups: Synthesis, Structural Properties, and Two-Dimensional Self-Assembly on Surfaces. <i>Chemistry - A European Journal</i> , 2006, 12, 1618-1628.	1.7	38
95	Fabrication of 3D biomimetic composite coating with broadband antireflection, superhydrophilicity, and double p-n heterojunctions. <i>Nano Research</i> , 2017, 10, 2377-2385.	5.8	38
96	Template-Imprinted Hierarchical Lotus Seedpod-Like Arrays for Extraordinary Surface-Enhanced Raman Spectroscopy. <i>Small</i> , 2019, 15, e1804527.	5.2	38
97	Branched Wires of CdTe Nanocrystals Using Amphiphilic Molecules as Templates. <i>Small</i> , 2005, 1, 524-527.	5.2	37
98	Electrochemical Deposition of Silver Nanoparticle Arrays with Tunable Density. <i>Langmuir</i> , 2009, 25, 55-58.	1.6	37
99	Enhanced Electrical Conductivity of Individual Conducting Polymer Nanobelts. <i>Small</i> , 2011, 7, 1949-1953.	5.2	37
100	Investigation into the Sensing Process of High-Performance H <sub>2</sub> S Sensors Based on Polymer Transistors. <i>Chemistry - A European Journal</i> , 2016, 22, 3654-3659.	1.7	37
101	Surface-Assisted Alkane Polymerization: Investigation on Structure-Reactivity Relationship. <i>Journal of the American Chemical Society</i> , 2018, 140, 4820-4825.	6.6	37
102	Surface-Mounted Molecular Rotors with Variable Functional Groups and Rotation Radii. <i>Nano Letters</i> , 2009, 9, 4387-4391.	4.5	36
103	Polymer Brush and Inorganic Oxide Hybrid Nanodielectrics for High Performance Organic Transistors. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5315-5319.	1.2	36
104	Controlling Molecular Packing for Charge Transport in Organic Thin Films. <i>Advanced Energy Materials</i> , 2011, 1, 188-193.	10.2	36
105	Metal-Mediated Assembly of 1,6-Ethynoadenine: From Surfaces to DNA Duplexes. <i>Inorganic Chemistry</i> , 2016, 55, 7041-7050.	1.9	36
106	Area-Selective Growth of Functional Molecular Architectures. <i>Accounts of Chemical Research</i> , 2012, 45, 1646-1656.	7.6	35
107	A Facile Approach to Improve Interchain Packing Order and Charge Mobilities by Self-Assembly of Conjugated Polymers on Water. <i>Advanced Science</i> , 2018, 5, 1801497.	5.6	35
108	On-Surface Synthesis of 8- and 10-Armchair Graphene Nanoribbons. <i>Small</i> , 2019, 15, e1804526.	5.2	35

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109	Self-Organized Patterning: Regular and Spatially Tunable Luminescent Submicrometer Stripes Over Large Areas. <i>Advanced Materials</i> , 2005, 17, 2881-2885.	11.1	34
110	Multicolor Emission on Prepatterned Substrates Using a Single Dye Species. <i>Advanced Materials</i> , 2007, 19, 2119-2123.	11.1	34
111	Concentration-Controlled Reversible Phase Transitions in Self-Assembled Monolayers on HOPG Surfaces. <i>Small</i> , 2015, 11, 2284-2290.	5.2	34
112	Two-Dimensional Chirality Transfer via On-Surface Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 11743-11748.	6.6	34
113	Addressable growth of oriented organic semiconductor ultra-thin films on hydrophobic surface by direct dip-coating. <i>Organic Electronics</i> , 2015, 24, 170-175.	1.4	33
114	Fabrication of Gradient Mesostructures by Langmuir-Blodgett Rotating Transfer. <i>Langmuir</i> , 2007, 23, 2280-2283.	1.6	32
115	Biomimetic Antireflective Silicon Nanocones Array for Small Molecules Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 66-73.	1.2	32
116	Symmetry breakdown of 4,4'-diamino-p-terphenyl on a Cu(111) surface by lattice mismatch. <i>Nature Communications</i> , 2018, 9, 3277.	5.8	32
117	Elucidating the role of charge density on the growth of CaCO <sub>3</sub> crystals underneath Calix[4]arene monolayers. <i>Materials Science and Engineering C</i> , 2005, 25, 161-167.	3.8	30
118	Self-Assembly of a Dendron-Attached Tetrathiafulvalene: Gel Formation and Modulation in the Presence of Chloranil and Metal Ions. <i>Small</i> , 2012, 8, 578-584.	5.2	30
119	Gold-Organic Hybrids: On-Surface Synthesis and Perspectives. <i>Advanced Materials</i> , 2016, 28, 10492-10498.	11.1	30
120	Mechanism of Regular Pattern Formation in Reactive Dewetting. <i>ChemPhysChem</i> , 2005, 6, 2495-2498.	1.0	29
121	Capillary-Induced Contact Guidance. <i>Langmuir</i> , 2007, 23, 10216-10223.	1.6	29
122	Tuning CuTCNQ Nanostructures on Patterned Copper Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17625-17630.	1.5	28
123	Battery Drivable Organic Single-Crystalline Transistors Based on Surface Grafting Ultrathin Polymer Dielectric. <i>Advanced Functional Materials</i> , 2009, 19, 2987-2991.	7.8	28
124	Theoretical Investigation of On-Purpose Propane Dehydrogenation over the Two-Dimensional Ru-Pc Framework. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4969-4976.	1.5	28
125	Chemical Surface Modification of Self-Assembled Monolayers by Radical Nitroxide Exchange Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 9107-9112.	1.7	27
126	Enhanced Charge Injection Through Nanostructured Electrodes for Organic Field Effect Transistors. <i>Advanced Functional Materials</i> , 2015, 25, 3855-3859.	7.8	27



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127	Bilayer Formation vs Molecular Exchange in Organic Heterostructures: Strong Impact of Subtle Changes in Molecular Structure. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9480-9490.	1.5	27
128	Simple and Complex Lattices of N-Alkyl Fatty Acid Amides on a Highly Oriented Pyrolytic Graphite Surface. <i>Langmuir</i> , 2005, 21, 1364-1370.	1.6	26
129	Creating In-Plane Metallic Nanowire Arrays by Corner-Mediated Electrodeposition. <i>Advanced Materials</i> , 2009, 21, 3576-3580.	11.1	26
130	Titanium Oxide/Silicon Moth-Eye Structures with Antireflection, n Heterojunctions, and Superhydrophilicity. <i>Langmuir</i> , 2016, 32, 10719-10724.	1.6	26
131	Step-Edge Assisted Direct Linear Alkane Coupling. <i>Chemistry - A European Journal</i> , 2017, 23, 6185-6189.	1.7	26
132	Adsorption Structure of Mono- and Diradicals on a Cu(111) Surface: Chemoselective Dehalogenation of 4-Bromo-3-iodo-terphenyl. <i>ACS Nano</i> , 2019, 13, 324-336.	7.3	26
133	Ex Situ SFM Study of 2-D Aggregate Geometry of Azobenzene Containing Bolaform Amphiphiles after Adsorption at the Mica/Aqueous Solution Interface. <i>Langmuir</i> , 2001, 17, 3682-3688.	1.6	25
134	Broadband antireflective Si nanopillar arrays produced by nanosphere lithography. <i>Microelectronic Engineering</i> , 2009, 86, 850-852.	1.1	25
135	Tadpole-like artificial micromotor. <i>Nanoscale</i> , 2015, 7, 2276-2280.	2.8	25
136	Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography. <i>Small</i> , 2016, 12, 5818-5825.	5.2	25
137	An ammonia detecting mechanism for organic transistors as revealed by their recovery processes. <i>Nanoscale</i> , 2018, 10, 8832-8839.	2.8	25
138	Molecular Arrangement of Fatty Acids at the Solid-Liquid Interface Visualized by Chemical Decoration. <i>ChemPhysChem</i> , 2003, 4, 494-498.	1.0	24
139	Multilevel Supramolecular Architectures Self-Assembled on Metal Surfaces. <i>ACS Nano</i> , 2010, 4, 1997-2002.	7.3	24
140	Site specific protein immobilization into structured polymer brushes prepared by AFM lithography. <i>Soft Matter</i> , 2011, 7, 9854.	1.2	24
141	High-Resolution Triple-Color Patterns Based on the Liquid Behavior of Organic Molecules. <i>Small</i> , 2011, 7, 1403-1406.	5.2	24
142	The Electrode's Effect on the Stability of Organic Transistors and Circuits. <i>Advanced Materials</i> , 2012, 24, 3053-3058.	11.1	24
143	Substrate-Modulated Synthesis of Metal-Organic Hybrids by Tunable Multiple Aryl-Metal Bonds. <i>Journal of the American Chemical Society</i> , 2022, 144, 8214-8222.	6.6	24
144	STM Investigations of Thiol Self-Assembled Monolayers. <i>Advanced Materials</i> , 1998, 10, 839-842.	11.1	23

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145	Tetradecylferrocene: A Ordered Molecular Array of an Organometallic Amphiphile in the Crystal and in a Two-dimensional Assembled Structure on a Surface. <i>Langmuir</i> , 2006, 22, 3161-3165.	1.6	23
146	Aggregation behaviour of peptide-polymer conjugates containing linear peptide backbones and multiple polymer side chains prepared by nitroxide-mediated radical polymerization. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2403.	1.5	23
147	Catalytic Dealkylation of Ethers to Alcohols on Metal Surfaces. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9881-9885.	7.2	23
148	Fast patterning of oriented organic microstripes for field-effect ammonia gas sensors. <i>Nanoscale</i> , 2016, 8, 3954-3961.	2.8	23
149	Noncontact atomic force microscopy: Bond imaging and beyond. <i>Surface Science Reports</i> , 2020, 75, 100509.	3.8	23
150	Weak Epitaxy Growth of Copper Hexadecafluorophthalocyanine ( $F_{16}CuPc$ ) on <i>p</i> -Sexiphenyl Monolayer Film. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2333-2337.	1.2	22
151	Tunable Multicolor Ordered Patterns with Two Dye Molecules. <i>Advanced Materials</i> , 2010, 22, 2764-2769.	11.1	22
152	Combining Host-Guest Systems with Nonfouling Material for the Fabrication of a Biosurface: Toward Nearly Complete and Reversible Resistance of Cytochrome c. <i>Langmuir</i> , 2010, 26, 12515-12517.	1.6	22
153	Investigation of the Covalently Attached Multilayer Architecture Based on Diazo-Resins and Poly(4-styrene sulfonate). <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 967-973.	1.1	21
154	Supramolecular DNA-Streptavidin Nanocircles with a Covalently Attached Oligonucleotide Moiety. <i>Journal of Biomolecular Structure and Dynamics</i> , 2002, 20, 223-230.	2.0	21
155	Langmuir-Blodgett Monolayer Masked Chemical Etching: An Approach to Broadband Antireflective Surfaces. <i>Chemistry of Materials</i> , 2009, 21, 1802-1805.	3.2	21
156	Lasing behavior of surface functionalized carbon quantum dot/RhB composites. <i>Nanoscale</i> , 2017, 9, 5049-5054.	2.8	21
157	Molecular-Template-Mediated Chemical Decoration. <i>ChemPhysChem</i> , 2003, 4, 490-494.	1.0	20
158	Fabrication of TiO <sub>2</sub> Arrays Using Solvent-Assisted Soft Lithography. <i>Langmuir</i> , 2009, 25, 9639-9643.	1.6	20
159	Growth of rubrene crystalline thin films using thermal annealing on DPPC LB monolayer. <i>Organic Electronics</i> , 2013, 14, 2534-2539.	1.4	20
160	Chemical bond imaging using higher eigenmodes of tuning fork sensors in atomic force microscopy. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	20
161	Metallophthalocyanine-Based Molecular Dipole Layer as a Universal and Versatile Approach to Realize Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42397-42405.	4.0	20
162	Water-Induced Chiral Separation on a Au(111) Surface. <i>ACS Nano</i> , 2021, 15, 16896-16903.	7.3	20

#	ARTICLE	IF	CITATIONS
163	Highly Ordered Self-Assembled Architectures of Modified Terpyridines on Highly Ordered Pyrolytic Graphite Imaged by Scanning Tunneling Microscopy. <i>Advanced Functional Materials</i> , 2003, 13, 277-280.	7.8	19
164	Ion-Specific Aggregation of Gold-DNA Nanoparticles Using the dG Quartet Hairpin 5'-d(G4T4G4). <i>Chemistry and Biodiversity</i> , 2005, 2, 84-91.	1.0	19
165	Fabrication of superhydrophobic polymer films with hierarchical silver microbowl array structures. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 300-304.	5.0	19
166	Deprotonation-Induced Phase Evolutions in Co-Assembled Molecular Structures. <i>Langmuir</i> , 2018, 34, 7852-7858.	1.6	19
167	Micro Organic Light Emitting Diode Arrays by Patterned Growth on Structured Polypyrrole. <i>Advanced Optical Materials</i> , 2020, 8, 1902105.	3.6	19
168	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices. <i>Nature Communications</i> , 2022, 13, 510.	5.8	19
169	Site-Selective Patterning of Organic Luminescent Molecules via Gas Phase Deposition. <i>Langmuir</i> , 2008, 24, 5315-5318.	1.6	18
170	Self-assembly of luminescent twisted fibers based on achiral quinacridone derivatives. <i>Nano Research</i> , 2009, 2, 493-499.	5.8	18
171	Fabrication of hierarchical structures by unconventional two-step imprinting. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 655-659.	5.0	18
172	AFM-based Force Spectroscopy on Polystyrene Brushes: Effect of Brush Thickness on Protein Adsorption. <i>Langmuir</i> , 2013, 29, 1850-1856.	1.6	18
173	Effects of Nanostructures and Mouse Embryonic Stem Cells on In Vitro Morphogenesis of Rat Testicular Cords. <i>PLoS ONE</i> , 2013, 8, e60054.	1.1	18
174	Locally Induced Spin States on Graphene by Chemical Attachment of Boron Atoms. <i>Nano Letters</i> , 2018, 18, 5482-5487.	4.5	18
175	Immobilization of gold nanoparticles on solid supports utilizing DNA hybridization. <i>Materials Science and Engineering C</i> , 2002, 19, 47-50.	3.8	17
176	Synthesis, Photophysical Properties, and Nanocrystal Formation of a New Class of Tetra-N-Substituted Perylenes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2677-2681.	7.2	17
177	Fabrication of Periodic Metal Nanowires with Microscale Mold by Nanoimprint Lithography. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 4174-4179.	4.0	17
178	Selective deposition of organic molecules onto different densely packed self-assembled monolayers: A molecular dynamics study. <i>Chemical Physics Letters</i> , 2011, 507, 138-143.	1.2	17
179	Addressable Organic Structure by Anisotropic Wetting. <i>Advanced Materials</i> , 2013, 25, 2018-2023.	11.1	17
180	Lithography Compatible, Flexible Micro-Organic Light-Emitting Diodes by Template-Directed Growth. <i>Small Methods</i> , 2019, 3, 1800508.	4.6	17

#	ARTICLE	IF	CITATIONS
181	Unconventional Air-Stable Interdigitated Bilayer Formed by 2,3-Disubstituted Fatty Acid Methyl Esters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19866-19875.	1.2	16
182	Temperature-Dependent Self-Assembly of Adenine Derivative on HOPG. <i>Langmuir</i> , 2013, 29, 10737-10743.	1.6	16
183	Controllable and Facile Fabrication of Gold Nanostructures for Selective Metal-Assisted Etching of Silicon. <i>Small</i> , 2014, 10, 2451-2458.	5.2	16
184	Monolayer-Mediated Growth of Organic Semiconductor Films with Improved Device Performance. <i>Langmuir</i> , 2015, 31, 9748-9761.	1.6	16
185	Mit N-heterocyclischen Carbenen behandelte Goldoberflächen in Pentacen-Transistoren: Verbesserte Stabilität und Kontakt an der Grenzfläche. <i>Angewandte Chemie</i> , 2018, 130, 4883-4887.	1.6	16
186	Nano as a Rosetta Stone: The Global Roles and Opportunities for Nanoscience and Nanotechnology. <i>ACS Nano</i> , 2019, 13, 10853-10855.	7.3	16
187	On-Surface Synthesis on Nonmetallic Substrates. , 2021, 3, 56-63.		16
188	Connecting Nanowires Consisting of Au55 with Model Electrodes. <i>Nano Letters</i> , 2002, 2, 1097-1099.	4.5	15
189	Interface Interaction Controlled Transport of CdTe Nanoparticles in the Microcontact Printing Process. <i>Langmuir</i> , 2006, 22, 7807-7811.	1.6	15
190	Correlating Dynamics and Selectivity in Adsorption of Semiconductor Nanocrystals onto a Self-Organized Pattern. <i>Nano Letters</i> , 2007, 7, 3483-3488.	4.5	15
191	Long Chain-Substituted and Triply Functionalized Molecular Knots – Synthesis, Topological Chirality and Monolayer Formation. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 45-52.	1.2	15
192	Influence of Substrate Treatment on Self-Organized Pattern Formation by Langmuir-Blodgett Transfer. <i>Journal of Physical Chemistry B</i> , 2008, 112, 824-827.	1.2	15
193	Substrate-Controlled Synthesis of 5-Armchair Graphene Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11422-11427.	1.5	15
194	Direct transformation of <i>n</i> -alkane into all- <i>trans</i> conjugated polyene via cascade dehydrogenation. <i>National Science Review</i> , 2021, 8, nwab093.	4.6	15
195	High performance gas sensors with dual response based on organic ambipolar transistors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1584-1592.	2.7	15
196	Synthesis of Two-Dimensional Metal-Organic Frameworks via Dehydrogenation Reactions on a Cu(111) Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12390-12396.	1.5	15
197	Self-Assembled Monolayers of CH <sub>3</sub> COS- Terminated Surfactant-Encapsulated Polyoxometalate Complexes. <i>Langmuir</i> , 2008, 24, 4693-4699.	1.6	14
198	Patterning of proteins into nanostripes on Si-wafer over large areas: a combination of Langmuir-Blodgett patterning and orthogonal surface chemistry. <i>Soft Matter</i> , 2011, 7, 861-863.	1.2	14

#	ARTICLE	IF	CITATIONS
199	Fabricating sub-100nm conducting polymer nanowires by edge nanoimprint lithography. <i>Journal of Colloid and Interface Science</i> , 2015, 458, 300-304.	5.0	14
200	Fast growth of monolayer organic 2D crystals and their application in organic transistors. <i>Organic Electronics</i> , 2018, 58, 38-45.	1.4	14
201	Chemical Synthesis at Surfaces with Atomic Precision: Taming Complexity and Perfection. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18758-18775.	7.2	14
202	Electronic Decoupling of Organic Layers by a Self-Assembled Supramolecular Network on Au(111). <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4297-4302.	2.1	14
203	Sutural mineralization of rat calvaria characterized by atomic-force microscopy and transmission electron microscopy. <i>Cell and Tissue Research</i> , 1998, 294, 93-97.	1.5	13
204	Molecular Composition, Grafting Density and Film Area Affect the Swelling-Induced Au-S Bond Breakage. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 8313-8319.	4.0	13
205	Seeing Down to the Bottom: Nondestructive Inspection of All-Polymer Solar Cells by Kelvin Probe Force Microscopy. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600446.	1.9	13
206	Area confined position control of molecular aggregates. <i>New Journal of Physics</i> , 2016, 18, 053006.	1.2	13
207	Patterning of Functional Compounds by Multicomponent Langmuir-Blodgett Transfer and Subsequent Chemical Modification. <i>Langmuir</i> , 2010, 26, 15388-15393.	1.6	12
208	Fabrication of Single Gold Particle Arrays with Pattern Directed Electrochemical Deposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3779-3783.	4.0	12
209	Linear Alkane C-C Bond Chemistry Mediated by Metal Surfaces. <i>ChemPhysChem</i> , 2015, 16, 1356-1360.	1.0	12
210	Spectral plasmonic effect in the nano-cavity of dye-doped nanosphere-based photonic crystals. <i>Nanotechnology</i> , 2016, 27, 165703.	1.3	12
211	A new on-surface synthetic pathway to 5-armchair graphene nanoribbons on Cu(111) surfaces. <i>Faraday Discussions</i> , 2017, 204, 297-305.	1.6	12
212	High-Performance Bottom-Contact Organic Thin-Film Transistors by Improving the Lateral Contact. <i>Advanced Electronic Materials</i> , 2017, 3, 1700128.	2.6	12
213	Modulating the Spatial Electrostatic Potential for 1D Colloidal Nanoparticles Assembly. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700505.	1.9	12
214	Lithographical Fabrication of Organic Single-Crystal Arrays by Area-Selective Growth and Solvent Vapor Annealing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 48854-48860.	4.0	12
215	High selective gas sensors based on surface modified polymer transistor. <i>Organic Electronics</i> , 2021, 91, 106083.	1.4	12
216	On-Surface Intramolecular Reactions. <i>ACS Nano</i> , 2020, 14, 6376-6382.	7.3	12

#	ARTICLE	IF	CITATIONS
217	Self-assembled Monolayers of Dendron-thiol on Solid Substrate. <i>Chemistry Letters</i> , 1998, 27, 1197-1198.	0.7	11
218	Surface Micelles of Single Chain Amphiphiles Bearing Azobenzene. <i>Langmuir</i> , 2002, 18, 8006-8009.	1.6	11
219	Structures and Stability of Ferrocene Derivative Monolayers on Ag(110): Scanning Tunneling Microscopy Study. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12139-12144.	1.5	11
220	Creating Bicolor Patterns via Selective Photobleaching with A Single Dye Species. <i>Langmuir</i> , 2009, 25, 3894-3897.	1.6	11
221	Two-Dimensional Self-Assembly of Linear Molecular Rods at the Liquid/Solid Interface. <i>Langmuir</i> , 2011, 27, 1359-1363.	1.6	11
222	Phase Behavior and Molecular Packing of Octadecyl Phenols and their Methyl Ethers at the Air/Water Interface. <i>Langmuir</i> , 2014, 30, 5780-5789.	1.6	11
223	Growth of Highly Oriented Ultrathin Crystalline Organic Microstripes: Effect of Alkyl Chain Length. <i>Langmuir</i> , 2016, 32, 9109-9117.	1.6	11
224	Termination-Accelerated Electrochemical Nitrogen Fixation on Single-Atom Catalysts Supported by MXenes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2800-2807.	2.1	11
225	Synthesis and Surface Properties of New Ureas and Amides at Different Interfaces. <i>Langmuir</i> , 2006, 22, 1619-1625.	1.6	10
226	Anisotropic growth of organic semiconductor based on mechanical contrast of pre-patterned monolayer. <i>Soft Matter</i> , 2010, 6, 5302.	1.2	10
227	Synthesis, Structures, and Aggregation Properties of N-Acylamidines. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 861-877.	1.2	10
228	Surface Microfluidic Patterning and Transporting Organic Small Molecules. <i>Small</i> , 2014, 10, 2549-2552.	5.2	10
229	Foreign Particle Promoted Crystalline Nucleation for Growing High-Quality Ultrathin Rubrene Films. <i>Small</i> , 2016, 12, 4086-4092.	5.2	10
230	Branch Suppression and Orientation Control of Langmuir-Blodgett Patterning on Prestructured Surfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600478.	1.9	10
231	Selectively Scissoring Hydrogen-Bonded Cytosine Dimer Structures Catalyzed by Water Molecules. <i>ACS Nano</i> , 2020, 14, 10680-10687.	7.3	10
232	C-H activation of light alkanes on MXenes predicted by hydrogen affinity. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18622-18630.	1.3	10
233	Micro organic light-emitting diodes fabricated through area-selective growth. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2606-2612.	3.2	10
234	Surface modification with a fluorinated N-heterocyclic carbene on Au: effect on contact resistance in organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8589-8595.	2.7	10

#	ARTICLE	IF	CITATIONS
235	Alternating the Crystalline Structural Transition of Coronene Molecular Overlayers on Ag(110) through Temperature Increase. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17643-17647.	1.5	9
236	A Simple Method for the Fabrication of High-Resolution Conducting Polymer Patterns. <i>Langmuir</i> , 2010, 26, 9142-9145.	1.6	9
237	Ion Strength and pH Sensitive Phase Transition of <i>N</i> -Isobutyryl-L-cysteine Monolayers on Au(111) Surfaces. <i>Langmuir</i> , 2010, 26, 7343-7348.	1.6	9
238	Fabrication of split-ring resonators by tilted nanoimprint lithography. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 320-323.	5.0	9
239	Synthesis and Solid-State Investigations of Oligo-Phenylene-Ethynylene Structures with Halide End-Groups. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2738-2747.	1.2	9
240	Catalytic Dealkylation of Ethers to Alcohols on Metal Surfaces. <i>Angewandte Chemie</i> , 2016, 128, 10035-10039.	1.6	9
241	Triazatriangulene platform for self-assembled monolayers of free-standing diarylethene. <i>Science China Materials</i> , 2018, 61, 1345-1350.	3.5	9
242	Mechanistic investigations of the Au catalysed C-H bond activations in on-surface synthesis. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15901-15906.	1.3	9
243	Positioning growth of NPB crystalline nanowires on the PTCDA nanocrystal template. <i>Nanoscale</i> , 2018, 10, 10262-10267.	2.8	9
244	Self-assembly of 5,6-dihydroxyindole-2-carboxylic acid: polymorphism of a eumelanin building block on Au(111). <i>Nanoscale</i> , 2019, 11, 5422-5428.	2.8	9
245	Abiotic Formation of an Amide Bond via Surface-Supported Direct Carboxyl-Amine Coupling. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
246	Reversible and Reproducible Conductance Transition in a Polyimide Thin Film. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17038-17041.	1.5	8
247	Structural Transition and Thermal Stability of a Coronene Molecular Monolayer on Cu(110). <i>Journal of Physical Chemistry C</i> , 2010, 114, 11180-11184.	1.5	8
248	Conducting polymer nanowires fabricated by edge effect of NIL. <i>Journal of Materials Chemistry</i> , 2012, 22, 12096.	6.7	8
249	Influence of self-assembled monolayers on the growth and crystallization of rubrene films: a molecular dynamics study. <i>RSC Advances</i> , 2013, 3, 15404.	1.7	8
250	Microstructured Ultrathin Organic Semiconductor Film via Dip-Coating: Precise Assembly and Diverse Applications. <i>Accounts of Materials Research</i> , 2020, 1, 201-212.	5.9	8
251	Directing On-Surface Reaction Pathways via Metal-Organic Cu-N Coordination. <i>ChemPhysChem</i> , 2020, 21, 843-846.	1.0	8
252	Oxygen-promoted synthesis of armchair graphene nanoribbons on Cu(111). <i>Science China Chemistry</i> , 2021, 64, 636-641.	4.2	8

#	ARTICLE	IF	CITATIONS
253	Constructing and Transferring Two-Dimensional Tessellation Kagome Lattices via Chemical Reactions on Cu(111) Surface. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8151-8156.	2.1	8
254	Atomic force microscopic (AFM) study on a self-organizing polymer film. <i>Polymer Bulletin</i> , 1998, 41, 695-699.	1.7	7
255	Patterning rubrene crystalline thin films for sub-micrometer channel length field-effect transistor arrays. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9359-9363.	2.7	7
256	Thymine and Adenine Tetrads Formed on Anisotropic Metal Surfaces. <i>Small</i> , 2014, 10, 265-270.	5.2	7
257	Building chessboard-like supramolecular structures on Au(111) surfaces. <i>Nanotechnology</i> , 2015, 26, 385601.	1.3	7
258	Simulation Modeling of Supported Lipid Membranes – A Review. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 617-623.	1.0	7
259	Tandem Desulfurization/C–C Coupling Reaction of Tetrathienylbenzenes on Cu(111): Synthesis of Pentacene and an Exotic Ladder Polymer. <i>ACS Nano</i> , 2022, 16, 6506-6514.	7.3	7
260	Anchoring and Reacting On-Surface to Achieve Programmability. <i>Jacs Au</i> , 2022, 2, 58-65.	3.6	7
261	Fabrication of Multicolor Patterns with a Single Dye Species on a Polymer Surface. <i>Langmuir</i> , 2008, 24, 12745-12747.	1.6	6
262	Color Tuning via Adjusting the Dye-Loading Capacity of a Polymer. <i>Langmuir</i> , 2009, 25, 4352-4355.	1.6	6
263	Very large-bandgap insulating monolayers of ODS on SiC. <i>Applied Surface Science</i> , 2012, 258, 7280-7285.	3.1	6
264	Tunable Organic Hetero-Patterns via Molecule Diffusion Control. <i>Small</i> , 2014, 10, 3045-3049.	5.2	6
265	Step-edge induced area selective growth: a kinetic Monte Carlo study. <i>RSC Advances</i> , 2014, 4, 25005-25010.	1.7	6
266	Photo-generated charge behaviors in all-polymer solar cells studied by Kelvin probe force microscopy. <i>Organic Electronics</i> , 2016, 39, 38-42.	1.4	6
267	Kilohertz organic complementary inverters driven by surface-grafting conducting polypyrrole electrodes. <i>Solid-State Electronics</i> , 2016, 123, 51-57.	0.8	6
268	Improving the performance of TIPS-pentacene thin film transistors via interface modification. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 151-154.	1.3	6
269	Oxygen-Induced 1D to 2D Transformation of On-Surface Organometallic Structures. <i>Small</i> , 2020, 16, 2002393.	5.2	6
270	Dynamic Supramolecular Template: Multiple Stimuli-Controlled Size Adjustment of Porous Networks. <i>Langmuir</i> , 2020, 36, 5510-5516.	1.6	6



#	ARTICLE	IF	CITATIONS
271	A highly-efficient, stable, and flexible Kapton tape-based SERS chip. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6471-6475.	3.2	6
272	Onâ€‘Surface Debromination of 2,3â€‘Bis(dibromomethyl)â€‘and 2,3â€‘Bis(bromomethyl)naphthalene: Dimerization or Polymerization?. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	6
273	Anisotropic aggregation and phase transition in Langmuir monolayers of methyl/ethyl esters of 2,3-dihydroxy fatty acids. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 814-820.	5.0	5
274	Controlled Assembly and Release of Retinoic Acid Based on the Layer-by-Layer Method. <i>Langmuir</i> , 2013, 29, 2708-2712.	1.6	5
275	Multi-species micropatterning of organic materials by liquid droplet array transfer printing. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	5
276	A Fundamental Role of the Molecular Length in Forming Metalâ€‘Organic Hybrids of Phenol Derivatives on Silver Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1869-1875.	2.1	5
277	Structure-activity correlation of Ti<sub>2</sub>CT<sub>2</sub> MXenes for Câ€‘H activation. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 235201.	0.7	5
278	Recent Progresses on the High Performance Organic Electrochemical Transistors. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 975-988.	1.3	5
279	<i>In situ</i> observation of organic single micro-crystal fabrication by solvent vapor annealing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9124-9129.	2.7	5
280	Self-generating nanogaps for highly effective surface-enhanced Raman spectroscopy. <i>Nano Research</i> , 2022, 15, 3496-3503.	5.8	5
281	GOLD DNA-CONJUGATES: ION SPECIFIC SELF-ASSEMBLY OF GOLD NANOPARTICLES VIA THE DG-QUARTET. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 843-846.	0.4	4
282	Phase Behavior of 2,3-Disubstituted Methyl Octadecanoate Monolayers at the Airâ€‘Water Interface. <i>Langmuir</i> , 2005, 21, 3376-3383.	1.6	4
283	Selective deposition of organic molecules onto DPPC templates â€‘ A molecular dynamics study. <i>Journal of Colloid and Interface Science</i> , 2013, 389, 206-212.	5.0	4
284	Tunable control efficiency of patterned nucleation by post-annealing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6672-6676.	2.7	4
285	Quasi-Layer-by-Layer Growth of Pentacene on HOPG and Au Surfaces. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25043-25051.	1.5	4
286	Performances of Pentacene OFETs Deposited by Arbitrary Mounting Angle Vacuum Evaporator. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	4
287	The Monolayer Behavior of Amphiphilic Polymer and Heterostructure of Polymer LB Film/CdS Clusters. <i>Journal of Colloid and Interface Science</i> , 1999, 211, 238-242.	5.0	3
288	Substituent-Dependent Formation of Supramolecular Aggregates of 6-Hydroxy-trans-3-hexenoic Acids in the Solid State. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 187-192.	1.2	3

#	ARTICLE	IF	CITATIONS
289	Stamp recyclable contact printing of liquid droplet matrix on various surfaces. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10971-10975.	2.7	3
290	High performance near-infrared phototransistors via enhanced electron trapping effect. <i>Chemical Communications</i> , 2021, 57, 12123-12126.	2.2	3
291	Synthesis of the Two-Dimensional Robust Kagome Lattice on Au(111) via the Introduction of Fe Atoms. <i>Journal of Physical Chemistry C</i> , 2022, 126, 12009-12014.	1.5	3
292	Influence of an Amide Group in Methyl Octadecanoates on the Monolayer Stability. <i>Langmuir</i> , 2006, 22, 1586-1594.	1.6	2
293	Patterning: Structure Formation by Dynamic Self-Assembly (Small 4/2012). <i>Small</i> , 2012, 8, 487-487.	5.2	2
294	Nanotube Arrays: In Situ Surface Modification Induced Superhydrophobic Patterns with Reversible Wettability and Adhesion ( <i>Adv. Mater.</i> 12/2013). <i>Advanced Materials</i> , 2013, 25, 1804-1804.	11.1	2
295	Plasmonic Nanoparticles: Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography (Small 42/2016). <i>Small</i> , 2016, 12, 5817-5817.	5.2	2
296	Supramolecular effects in self-assembled monolayers: general discussion. <i>Faraday Discussions</i> , 2017, 204, 123-158.	1.6	2
297	Supramolecular systems at liquid-solid interfaces: general discussion. <i>Faraday Discussions</i> , 2017, 204, 271-295.	1.6	2
298	Interface electronic property of organic/organic heterostructure visualized via kelvin probe force microscopy. <i>Organic Electronics</i> , 2018, 61, 383-388.	1.4	2
299	Tailoring Alkane Uniaxial Self-Assembly via Polymer Modified Step Edges. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28811-28815.	1.5	2
300	Converting <i>n</i> -Alkanol to Conjugated Polyenal on Cu(110) Surface at Mild Temperature. <i>Journal of Physical Chemistry Letters</i> , 2022, , 3276-3282.	2.1	2
301	A Simple and Efficient Process for the Preparation of 1,6-Dimethoxynaphthalene. <i>Organic Process Research and Development</i> , 2009, 13, 647-651.	1.3	1
302	Interfacial Assembly of Nanoparticles into Higher-order Patterned Structures. <i>Frontiers of Nanoscience</i> , 2009, 1, 326-365.	0.3	1
303	Generation of metal patterns by topography-directed deposition. <i>Microelectronic Engineering</i> , 2010, 87, 1509-1511.	1.1	1
304	Molecular CloisonnÃ©: Multicomponent Organic Alternating Nanostructures at Vicinal Surfaces with Tunable Length Scales. <i>Small</i> , 2012, 8, 535-540.	5.2	1
305	Structural Evolutions of the Self-Assembled <i>N</i> -Decyldecanamide on Au(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 22538-22543.	1.5	1
306	Orientation-Selective Growth of Single-Atomic-Layer Gold Nanosheets via van der Waals Interlocking and Octanethiolate-Confined Molecular Channels. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25228-25235.	1.5	1

#	ARTICLE	IF	CITATIONS
307	Charge Transport: Photomodulation of Charge Transport in All-Semiconducting 2D/1D van der Waals Heterostructures with Suppressed Persistent Photoconductivity Effect (Adv. Mater. 26/2020). Advanced Materials, 2020, 32, 2070200.	11.1	1
308	From n-alkane to polyacetylene on Cu (110): Linkage modulation in chain growth. Science China Chemistry, 2022, 65, 733-739.	4.2	1
309	Organic Heteroepitaxy Growth of High-Performance Responsive Thin Films with Solution Shearing Crystals as Templates. , 2022, 4, 1314-1321.		1
310	Nanoimprinting of Biomaterial Interfaces. Microscopy and Microanalysis, 2003, 9, 458-459.	0.2	0
311	Homogeneous Epitaxial Growth of N,N'-di(n-butyl)quinacridone Thin Films on Ag(110). Journal of Nanoscience and Nanotechnology, 2010, 10, 7162-7166.	0.9	0
312	Cover Picture: A Nanosized Molybdenum Oxide Wheel with a Unique Electronic-Necklace Structure: STM Study with Submolecular Resolution (Angew. Chem. Int. Ed. 31/2011). Angewandte Chemie - International Edition, 2011, 50, 6931-6931.	7.2	0
313	TRR 61, The "Interplay" between Münster and Beijing for Promoting Research on Multilevel Molecular Assemblies: Structure, Dynamics, and Functions. Small, 2012, 8, 479-480.	5.2	0
314	Nanotube Arrays: Bioinspired Patterning with Extreme Wettability Contrast on TiO <sub>2</sub> Nanotube Array Surface: A Versatile Platform for Biomedical Applications (Small 17/2013). Small, 2013, 9, 3004-3004.	5.2	0
315	Organic Transistors: High Performance Field-Effect Ammonia Sensors Based on a Structured Ultrathin Organic Semiconductor Film (Adv. Mater. 25/2013). Advanced Materials, 2013, 25, 3500-3500.	11.1	0
316	Phase Transitions: Concentration-Controlled Reversible Phase Transitions in Self-Assembled Monolayers on HOPG Surfaces (Small 19/2015). Small, 2015, 11, 2222-2222.	5.2	0
317	Preparing macromolecular systems on surfaces: general discussion. Faraday Discussions, 2017, 204, 395-418.	1.6	0
318	Boundary-induced nucleation control: a theoretical perspective. Physical Chemistry Chemical Physics, 2018, 20, 3752-3760.	1.3	0
319	Two-dimensional Molecular Phase Transition of Alkylated-TDPB on Au(111) and Cu(111) Surfaces. Chemical Research in Chinese Universities, 2020, 36, 685-689.	1.3	0
320	Geometric and Electronic Behavior of C60 on PTCDA Hydrogen Bonded Network. Chemical Research in Chinese Universities, 2020, 36, 81-85.	1.3	0
321	On-surface synthesis of 2D COFs via molecular assembly directed photocycloadditions: a first-principles investigation. Journal of Physics Condensed Matter, 2021, 33, 475201.	0.7	0
322	Association and differences between on-surface chemistry and solution chemistry. Scientia Sinica Chimica, 2019, 49, 410-440.	0.2	0
323	Abiotic Formation of Amide Bond via Surface-Supported Direct Carboxyl-Amine Coupling. Angewandte Chemie, 0, , .	1.6	0
324	On-Surface Debromination of 2,3-Bis(dibromomethyl)- and 2,3-Bis(bromomethyl)naphthalene: Dimerization or Polymerization?. Angewandte Chemie, 0, , .	1.6	0