

Lifeng Chi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9017198/publications.pdf>

Version: 2024-02-01

324
papers

13,087
citations

23567
58
h-index

33894
99
g-index

326
all docs

326
docs citations

326
times ranked

15788
citing authors

#	ARTICLE	IF	CITATIONS
1	High- κ Gate Dielectrics for Emerging Flexible and Stretchable Electronics. Chemical Reviews, 2018, 118, 5690-5754.	47.7	530
2	Transparent superhydrophobic/superhydrophilic TiO ₂ -based coatings for self-cleaning and anti-fogging. Journal of Materials Chemistry, 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. Macromolecular Rapid Communications, 1997, 18, 509-514.	3.9	377
4	Linear Alkane Polymerization on a Gold Surface. Science, 2011, 334, 213-216.	12.6	321
5	On-Surface Synthesis of Rylene-Type Graphene Nanoribbons. Journal of the American Chemical Society, 2015, 137, 4022-4025.	13.7	278
6	Recent Advances in TiO ₂ -Based Nanostructured Surfaces with Controllable Wettability and Adhesion. Small, 2016, 12, 2203-2224.	10.0	278
7	High Performance Field-Effect Ammonia Sensors Based on a Structured Ultrathin Organic Semiconductor Film. Advanced Materials, 2013, 25, 3419-3425.	21.0	263
8	In Situ Surface-Modification-Induced Superhydrophobic Patterns with Reversible Wettability and Adhesion. Advanced Materials, 2013, 25, 1682-1686.	21.0	249
9	Field Emission Properties of Large-Area Nanowires of Organic Charge-Transfer Complexes. Journal of the American Chemical Society, 2005, 127, 1120-1121.	13.7	228
10	Electronic Structure of Spatially Aligned Graphene Nanoribbons on Au(788). Physical Review Letters, 2012, 108, 216801.	7.8	212
11	Langmuir-Blodgett Patterning: A Bottom-Up Way To Build Mesostructures over Large Areas. Accounts of Chemical Research, 2007, 40, 393-401.	15.6	207
12	Osteoblast alignment, elongation and migration on grooved polystyrene surfaces patterned by Langmuir-Blodgett lithography. Biomaterials, 2005, 26, 563-570.	11.4	168
13	Synthesis of Armchair and Chiral Carbon Nanobelts. Chem, 2019, 5, 838-847.	11.7	167
14	Bioinspired Patterning with Extreme Wettability Contrast on TiO ₂ Nanotube Array Surface: A Versatile Platform for Biomedical Applications. Small, 2013, 9, 2945-2953.	10.0	159
15	An Ultrasensitive Organic Semiconductor NO ₂ Sensor Based on Crystalline TIPS-Pentacene Films. Advanced Materials, 2017, 29, 1703192.	21.0	158
16	Imparting Catalytic Activity to a Covalent Organic Framework Material by Nanoparticle Encapsulation. ACS Applied Materials & Interfaces, 2017, 9, 7481-7488.	8.0	157
17	Controllable Growth and Field-Effect Property of Monolayer to Multilayer Microstripes of an Organic Semiconductor. Journal of the American Chemical Society, 2010, 132, 8807-8809.	13.7	155
18	Optimizing the Volmer Step by Single-Layer Nickel Hydroxide Nanosheets in Hydrogen Evolution Reaction of Platinum. ACS Catalysis, 2015, 5, 3801-3806.	11.2	142

#	ARTICLE	IF	CITATIONS
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.	13.7	142
20	Stereospecific Interaction between Immune Cells and Chiral Surfaces. <i>Journal of the American Chemical Society</i> , 2007, 129, 1496-1497.	13.7	135
21	Simple Approach to Wafer-Scale Self-Cleaning Antireflective Silicon Surfaces. <i>Langmuir</i> , 2009, 25, 7769-7772.	3.5	132
22	Design and Assembly of Rotaxane-Based Molecular Switches and Machines. <i>Small</i> , 2012, 8, 504-516.	10.0	131
23	Two Dimensional Chiral Networks Emerging from the Aryl ⁺ F ⁻ H Hydrogen-Bond-Driven Self-Assembly of Partially Fluorinated Rigid Molecular Structures. <i>Journal of the American Chemical Society</i> , 2008, 130, 10840-10841.	13.7	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.	13.7	120
25	Advanced colloidal lithography: From patterning to applications. <i>Nano Today</i> , 2018, 22, 36-61.	11.9	120
26	Biomimetic Antireflective Si Nanopillar Arrays. <i>Small</i> , 2008, 4, 1972-1975.	10.0	113
27	Topographic effect on human induced pluripotent stem cells differentiation towards neuronal lineage. <i>Biomaterials</i> , 2013, 34, 8131-8139.	11.4	108
28	Efficient PbS quantum dot solar cells employing a conventional structure. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23960-23966.	10.3	104
29	Solution-Processed Al ₂ O ₃ Transparent High-Performance Transistors Fabricated by Spray-Combustion Synthesis. <i>Advanced Electronic Materials</i> , 2016, 2, 1500427.	5.1	101
30	Biomimetic corrugated silicon nanocone arrays for self-cleaning antireflection coatings. <i>Nano Research</i> , 2010, 3, 520-527.	10.4	99
31	N,P-coordinated fullerene-like carbon nanostructures with dual active centers toward highly-efficient multi-functional electrocatalysis for CO ₂ RR, ORR and Zn-air battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15271-15277.	10.3	99
32	Spatially Confined Assembly of Nanoparticles. <i>Accounts of Chemical Research</i> , 2014, 47, 3009-3017.	15.6	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.	13.7	98
34	Multilayer Assemblies of Copolymer PSOH and PVP on the Basis of Hydrogen Bonding. <i>Langmuir</i> , 2000, 16, 10490-10494.	3.5	95
35	From Achiral Molecular Components to Chiral Supramolecules and Supercoil Self-Assembly. <i>Chemistry - A European Journal</i> , 1999, 5, 1144-1149.	3.3	94
36	Supramolecular Nanocircles Consisting of Streptavidin and DNA. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3055-3059.	13.8	93

#	ARTICLE	IF	CITATIONS
37	Growth of Ultrathin Organic Semiconductor Microstripes with Thickness Control in the Monolayer Precision. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12530-12535.	13.8	92
38	Biosupramolecular Nanowires from Chlorophyll Dyes with Exceptional Charge Transport Properties. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6378-6382.	13.8	88
39	CdSe/CdS quantum dots co-sensitized TiO ₂ nanotube array photoelectrode for highly efficient solar cells. <i>Electrochimica Acta</i> , 2012, 79, 175-181.	5.2	87
40	Lateral Patterning of Luminescent CdSe Nanocrystals by Selective Dewetting from Self-Assembled Organic Templates. <i>Nano Letters</i> , 2004, 4, 885-888.	9.1	86
41	Controllable wettability and adhesion on bioinspired multifunctional TiO ₂ nanostructure surfaces for liquid manipulation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18531-18538.	10.3	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.	10.3	82
43	Stereoselective Interaction between DNA and Chiral Surfaces. <i>Journal of the American Chemical Society</i> , 2008, 130, 11284-11285.	13.7	81
44	Nucleic Acid Supercoiling as a Means for Ionic Switching of DNA-Nanoparticle Networks. <i>ChemBioChem</i> , 2001, 2, 260-264.	2.6	80
45	Tuning the Intensity of Metal-Enhanced Fluorescence by Engineering Silver Nanoparticle Arrays. <i>Small</i> , 2010, 6, 1038-1043.	10.0	79
46	One-Dimensional Arrangement of Gold Nanoparticles with Tunable Interparticle Distance. <i>Small</i> , 2009, 5, 2819-2822.	10.0	75
47	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. <i>Nano Research</i> , 2013, 6, 159-166.	10.4	75
48	Two-Dimensional Networks via Quasi One-Dimensional Arrangements of Gold Clusters. <i>Nano Letters</i> , 2002, 2, 709-711.	9.1	74
49	Buildup of Composite Films Containing TiO ₂ /PbS Nanoparticles and Polyelectrolytes Based on Electrostatic Interaction. <i>Langmuir</i> , 1997, 13, 5168-5174.	3.5	72
50	Regular Arrays of Copper Wires Formed by Template-Assisted Electrodeposition. <i>Advanced Materials</i> , 2004, 16, 409-413.	21.0	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.	5.4	68
52	Self-Organized Complex Patterning: Langmuir-Blodgett Lithography. <i>Advanced Materials</i> , 2004, 16, 619-624.	21.0	65
53	Nanoscaled Surface Patterning of Conducting Polymers. <i>Small</i> , 2011, 7, 1309-1321.	10.0	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.	2.3	63

#	ARTICLE	IF	CITATIONS
55	Patterning of Plasmonic Nanoparticles into Multiplexed One-Dimensional Arrays Based on Spatially Modulated Electrostatic Potential. ACS Nano, 2011, 5, 8288-8294.	14.6	62
56	Surface Supported Gold-Organic Hybrids: On-Surface Synthesis and Surface Directed Orientation. Small, 2014, 10, 1361-1368.	10.0	62
57	Carbohydrate-Assisted Combustion Synthesis To Realize High-Performance Oxide Transistors. Journal of the American Chemical Society, 2016, 138, 7067-7074.	13.7	61
58	N-Heterocyclic Carbene-Treated Gold Surfaces in Pentacene Organic Field-Effect Transistors: Improved Stability and Contact at the Interface. Angewandte Chemie - International Edition, 2018, 57, 4792-4796.	13.8	60
59	Anisotropic Contact-Angle Hysteresis of Chemically Nanostructured Surfaces. ChemPhysChem, 2001, 2, 187-191.	2.1	59
60	Fabrication of Functional Silver Nanobowl Arrays via Sphere Lithography. Langmuir, 2009, 25, 11216-11220.	3.5	59
61	Structural Variation in Surface-Supported Synthesis by Adjusting the Stoichiometric Ratio of the Reactants. ACS Nano, 2016, 10, 4228-4235.	14.6	55
62	Tunable random lasing behavior in plasmonic nanostructures. Nano Convergence, 2017, 4, 1.	12.1	54
63	Unraveling the Mechanism of the Persistent Photoconductivity in Organic Phototransistors. Advanced Functional Materials, 2019, 29, 1905657.	14.9	54
64	High-Quality Mapping of DNA-Protein Complexes by Dynamic Scanning Force Microscopy. ChemPhysChem, 2001, 2, 384-388.	2.1	53
65	Hierarchical Dehydrogenation Reactions on a Copper Surface. Journal of the American Chemical Society, 2018, 140, 6076-6082.	13.7	53
66	Hierarchical Luminescence Patterning Based on Multiscaled Self-Assembly. Journal of the American Chemical Society, 2006, 128, 9592-9593.	13.7	51
67	Patterning of Polymer Electrodes by Nanoscratching. Advanced Materials, 2010, 22, 1374-1378.	21.0	51
68	Biomimetic Antireflective Hierarchical Arrays. Langmuir, 2011, 27, 4963-4967.	3.5	51
69	Bottom-Up, On-Surface-Synthesized Armchair Graphene Nanoribbons for Ultra-High-Power Micro-Supercapacitors. Journal of the American Chemical Society, 2020, 142, 17881-17886.	13.7	51
70	High-Performance and Stable Organic Transistors and Circuits with Patterned Polypyrrole Electrodes. Advanced Materials, 2012, 24, 2159-2164.	21.0	50
71	Gas-Sensing Performance and Operation Mechanism of Organic π -Conjugated Materials. ChemPlusChem, 2019, 84, 1222-1234.	2.8	50
72	Benzo-Fused Periacenes or Double Helicenes? Different Cyclodehydrogenation Pathways on Surface and in Solution. Journal of the American Chemical Society, 2019, 141, 7399-7406.	13.7	49

#	ARTICLE	IF	CITATIONS
73	On-Surface Synthesis of Graphyne-Based Nanostructures. <i>Advanced Materials</i> , 2019, 31, e1804087.	21.0	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.	3.5	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.	8.0	48
76	A Strategy for Patterning Conducting Polymers Using Nanoimprint Lithography and Isotropic Plasma Etching. <i>Small</i> , 2009, 5, 583-586.	10.0	45
77	Selective Adsorption of DNA on Chiral Surfaces: Supercoiled or Relaxed Conformation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5282-5286.	13.8	44
78	Fabrication of Polypyrrole Wires Between Microelectrodes. <i>Small</i> , 2005, 1, 520-524.	10.0	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.	3.5	43
80	Investigation into Self-Assembled Monolayers of a Polyether Dendron Thiol: A Chemisorption, Kinetics, and Patterned Surface. <i>Langmuir</i> , 2000, 16, 3813-3817.	3.5	42
81	Structured Polymer Brushes by AFM Lithography. <i>Small</i> , 2009, 5, 919-923.	10.0	42
82	Formation of Au55 Strands on a Molecular Template at the Solid-Liquid Interface. <i>Nano Letters</i> , 2002, 2, 459-463.	9.1	41
83	Self-assembly directed one-step synthesis of [4]radialene on Cu(100) surfaces. <i>Nature Communications</i> , 2018, 9, 3113.	12.8	41
84	Nanostructured DNA-Protein Aggregates Consisting of Covalent Oligonucleotide-Streptavidin Conjugates. <i>Bioconjugate Chemistry</i> , 2001, 12, 364-371.	3.6	40
85	Langmuir-Blodgett Patterning of Phospholipid Microstripes: Effect of the Second Component. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8039-8046.	2.6	40
86	Site-Selective Surface-Initiated Polymerization by Langmuir-Blodgett Lithography. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5231-5233.	13.8	40
87	Pattern Formation in Monolayer Transfer Systems with Substrate-Mediated Condensation. <i>Langmuir</i> , 2010, 26, 10444-10447.	3.5	40
88	Intermediate States Directed Chiral Transfer on a Silver Surface. <i>Journal of the American Chemical Society</i> , 2019, 141, 168-174.	13.7	40
89	Oxygen-Assisted Cathodic Deposition of Zeolitic Imidazolate Frameworks with Controlled Thickness. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1123-1128.	13.8	40
90	Fabrication of flexible superhydrophobic biomimic surfaces. <i>Soft Matter</i> , 2010, 6, 1438.	2.7	39

#	ARTICLE	IF	CITATIONS
91	Bio-inspired antireflective hetero-nanojunctions with enhanced photoactivity. <i>Nanoscale</i> , 2013, 5, 12383.	5.6	39
92	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. <i>ACS Nano</i> , 2019, 13, 13709-13715.	14.6	39
93	Fabrication of Chemically Patterned Surfaces Based on Template-Directed Self-Assembly. <i>Advanced Materials</i> , 2002, 14, 1812-1815.	21.0	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.	3.3	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.	10.4	38
96	Tape-Imprinted Hierarchical Lotus Seedpod-Like Arrays for Extraordinary Surface-Enhanced Raman Spectroscopy. <i>Small</i> , 2019, 15, e1804527.	10.0	38
97	Branched Wires of CdTe Nanocrystals Using Amphiphilic Molecules as Templates. <i>Small</i> , 2005, 1, 524-527.	10.0	37
98	Electrochemical Deposition of Silver Nanoparticle Arrays with Tunable Density. <i>Langmuir</i> , 2009, 25, 55-58.	3.5	37
99	Enhanced Electrical Conductivity of Individual Conducting Polymer Nanobelts. <i>Small</i> , 2011, 7, 1949-1953.	10.0	37
100	Investigation into the Sensing Process of High-Performance $H_{2/S}$ Sensors Based on Polymer Transistors. <i>Chemistry - A European Journal</i> , 2016, 22, 3654-3659.	3.3	37
101	Surface-Assisted Alkane Polymerization: Investigation on Structure-Reactivity Relationship. <i>Journal of the American Chemical Society</i> , 2018, 140, 4820-4825.	13.7	37
102	Surface-Mounted Molecular Rotors with Variable Functional Groups and Rotation Radii. <i>Nano Letters</i> , 2009, 9, 4387-4391.	9.1	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.	2.6	36
104	Controlling Molecular Packing for Charge Transport in Organic Thin Films. <i>Advanced Energy Materials</i> , 2011, 1, 188-193.	19.5	36
105	Metal-Mediated Assembly of 1, <i>N</i> ⁶ -Ethenoadenine: From Surfaces to DNA Duplexes. <i>Inorganic Chemistry</i> , 2016, 55, 7041-7050.	4.0	36
106	Area-Selective Growth of Functional Molecular Architectures. <i>Accounts of Chemical Research</i> , 2012, 45, 1646-1656.	15.6	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.	11.2	35
108	On-Surface Synthesis of 8- and 10-Armchair Graphene Nanoribbons. <i>Small</i> , 2019, 15, e1804526.	10.0	35

#	ARTICLE	IF	CITATIONS
109	Self-Organized Patterning: Regular and Spatially Tunable Luminescent Submicrometer Stripes Over Large Areas. <i>Advanced Materials</i> , 2005, 17, 2881-2885.	21.0	34
110	Multicolor Emission on Prepatterned Substrates Using a Single Dye Species. <i>Advanced Materials</i> , 2007, 19, 2119-2123.	21.0	34
111	Concentration- Controlled Reversible Phase Transitions in Self-Assembled Monolayers on HOPG Surfaces. <i>Small</i> , 2015, 11, 2284-2290.	10.0	34
112	Two-Dimensional Chirality Transfer via On-Surface Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 11743-11748.	13.7	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.	2.6	33
114	Fabrication of Gradient Mesostructures by Langmuir-Blodgett Rotating Transfer. <i>Langmuir</i> , 2007, 23, 2280-2283.	3.5	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.	2.8	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.	12.8	32
117	Elucidating the role of charge density on the growth of CaCO ₃ crystals underneath Calix[4]arene monolayers. <i>Materials Science and Engineering C</i> , 2005, 25, 161-167.	7.3	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.	10.0	30
119	Gold-Organic Hybrids: On-Surface Synthesis and Perspectives. <i>Advanced Materials</i> , 2016, 28, 10492-10498.	21.0	30
120	Mechanism of Regular Pattern Formation in Reactive Dewetting. <i>ChemPhysChem</i> , 2005, 6, 2495-2498.	2.1	29
121	Capillary-Induced Contact Guidance. <i>Langmuir</i> , 2007, 23, 10216-10223.	3.5	29
122	Tuning CuTCNQ Nanostructures on Patterned Copper Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17625-17630.	3.1	28
123	Battery Drivable Organic Single-Crystalline Transistors Based on Surface Grafting Ultrathin Polymer Dielectric. <i>Advanced Functional Materials</i> , 2009, 19, 2987-2991.	14.9	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.	3.1	28
125	Chemical Surface Modification of Self-Assembled Monolayers by Radical Nitroxide Exchange Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 9107-9112.	3.3	27
126	Enhanced Charge Injection Through Nanostructured Electrodes for Organic Field Effect Transistors. <i>Advanced Functional Materials</i> , 2015, 25, 3855-3859.	14.9	27

#	ARTICLE	IF	CITATIONS
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.	3.1	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.	3.5	26
129	Creating In-Plane Metallic Nanowire Arrays by Corner-Mediated Electrodeposition. <i>Advanced Materials</i> , 2009, 21, 3576-3580.	21.0	26
130	Titanium Oxide/Silicon Moth-Eye Structures with Antireflection, p-n Heterojunctions, and Superhydrophilicity. <i>Langmuir</i> , 2016, 32, 10719-10724.	3.5	26
131	Step-Edge Assisted Direct Linear Alkane Coupling. <i>Chemistry - A European Journal</i> , 2017, 23, 6185-6189.	3.3	26
132	Adsorption Structure of Mono- and Diradicals on a Cu(111) Surface: Chemoselective Dehalogenation of 4-Bromo-3-iodo- <i>p</i> -terphenyl. <i>ACS Nano</i> , 2019, 13, 324-336.	14.6	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.	3.5	25
134	Broadband antireflective Si nanopillar arrays produced by nanosphere lithography. <i>Microelectronic Engineering</i> , 2009, 86, 850-852.	2.4	25
135	Tadpole-like artificial micromotor. <i>Nanoscale</i> , 2015, 7, 2276-2280.	5.6	25
136	Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography. <i>Small</i> , 2016, 12, 5818-5825.	10.0	25
137	An ammonia detecting mechanism for organic transistors as revealed by their recovery processes. <i>Nanoscale</i> , 2018, 10, 8832-8839.	5.6	25
138	Molecular Arrangement of Fatty Acids at the Solid-Liquid Interface Visualized by Chemical Decoration. <i>ChemPhysChem</i> , 2003, 4, 494-498.	2.1	24
139	Multilevel Supramolecular Architectures Self-Assembled on Metal Surfaces. <i>ACS Nano</i> , 2010, 4, 1997-2002.	14.6	24
140	Site specific protein immobilization into structured polymer brushes prepared by AFM lithography. <i>Soft Matter</i> , 2011, 7, 9854.	2.7	24
141	High-Resolution Triple-Color Patterns Based on the Liquid Behavior of Organic Molecules. <i>Small</i> , 2011, 7, 1403-1406.	10.0	24
142	The Electrode's Effect on the Stability of Organic Transistors and Circuits. <i>Advanced Materials</i> , 2012, 24, 3053-3058.	21.0	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.	13.7	24
144	STM Investigations of Thiol Self-Assembled Monolayers. <i>Advanced Materials</i> , 1998, 10, 839-842.	21.0	23

#	ARTICLE	IF	CITATIONS
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.	3.5	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.	2.8	23
147	Catalytic Dealkylation of Ethers to Alcohols on Metal Surfaces. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9881-9885.	13.8	23
148	Fast patterning of oriented organic microstripes for field-effect ammonia gas sensors. <i>Nanoscale</i> , 2016, 8, 3954-3961.	5.6	23
149	Noncontact atomic force microscopy: Bond imaging and beyond. <i>Surface Science Reports</i> , 2020, 75, 100509.	7.2	23
150	Weak Epitaxy Growth of Copper Hexadecafluorophthalocyanine ($C_{16}CuPc$) on <i>p</i> -Sexiphenyl Monolayer Film. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2333-2337.	2.6	22
151	Tunable Multicolor Ordered Patterns with Two Dye Molecules. <i>Advanced Materials</i> , 2010, 22, 2764-2769.	21.0	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.	3.5	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.	2.2	21
154	Supramolecular DNA-Streptavidin Nanocircles with a Covalently Attached Oligonucleotide Moiety. <i>Journal of Biomolecular Structure and Dynamics</i> , 2002, 20, 223-230.	3.5	21
155	Langmuir-Blodgett Monolayer Masked Chemical Etching: An Approach to Broadband Antireflective Surfaces. <i>Chemistry of Materials</i> , 2009, 21, 1802-1805.	6.7	21
156	Lasing behavior of surface functionalized carbon quantum dot/RhB composites. <i>Nanoscale</i> , 2017, 9, 5049-5054.	5.6	21
157	Molecular-Template-Mediated Chemical Decoration. <i>ChemPhysChem</i> , 2003, 4, 490-494.	2.1	20
158	Fabrication of TiO ₂ Arrays Using Solvent-Assisted Soft Lithography. <i>Langmuir</i> , 2009, 25, 9639-9643.	3.5	20
159	Growth of rubrene crystalline thin films using thermal annealing on DPPC LB monolayer. <i>Organic Electronics</i> , 2013, 14, 2534-2539.	2.6	20
160	Chemical bond imaging using higher eigenmodes of tuning fork sensors in atomic force microscopy. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	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 & Interfaces</i> , 2018, 10, 42397-42405.	8.0	20
162	Water-Induced Chiral Separation on a Au(111) Surface. <i>ACS Nano</i> , 2021, 15, 16896-16903.	14.6	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.	14.9	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.	2.1	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.	9.4	19
166	Deprotonation-Induced Phase Evolutions in Co-Assembled Molecular Structures. <i>Langmuir</i> , 2018, 34, 7852-7858.	3.5	19
167	Micro Organic Light Emitting Diode Arrays by Patterned Growth on Structured Polypyrrole. <i>Advanced Optical Materials</i> , 2020, 8, 1902105.	7.3	19
168	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices. <i>Nature Communications</i> , 2022, 13, 510.	12.8	19
169	Site-Selective Patterning of Organic Luminescent Molecules via Gas Phase Deposition. <i>Langmuir</i> , 2008, 24, 5315-5318.	3.5	18
170	Self-assembly of luminescent twisted fibers based on achiral quinacridone derivatives. <i>Nano Research</i> , 2009, 2, 493-499.	10.4	18
171	Fabrication of hierarchical structures by unconventional two-step imprinting. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 655-659.	9.4	18
172	AFM-based Force Spectroscopy on Polystyrene Brushes: Effect of Brush Thickness on Protein Adsorption. <i>Langmuir</i> , 2013, 29, 1850-1856.	3.5	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.	2.5	18
174	Locally Induced Spin States on Graphene by Chemical Attachment of Boron Atoms. <i>Nano Letters</i> , 2018, 18, 5482-5487.	9.1	18
175	Immobilization of gold nanoparticles on solid supports utilizing DNA hybridization. <i>Materials Science and Engineering C</i> , 2002, 19, 47-50.	7.3	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.	13.8	17
177	Fabrication of Periodic Metal Nanowires with Microscale Mold by Nanoimprint Lithography. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4174-4179.	8.0	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.	2.6	17
179	Addressable Organic Structure by Anisotropic Wetting. <i>Advanced Materials</i> , 2013, 25, 2018-2023.	21.0	17
180	Lithography Compatible, Flexible Micro-Organic Light-Emitting Diodes by Template-Directed Growth. <i>Small Methods</i> , 2019, 3, 1800508.	8.6	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.	2.6	16
182	Temperature-Dependent Self-Assembly of Adenine Derivative on HOPG. <i>Langmuir</i> , 2013, 29, 10737-10743.	3.5	16
183	Controllable and Facile Fabrication of Gold Nanostructures for Selective Metal-Assisted Etching of Silicon. <i>Small</i> , 2014, 10, 2451-2458.	10.0	16
184	Monolayer-Mediated Growth of Organic Semiconductor Films with Improved Device Performance. <i>Langmuir</i> , 2015, 31, 9748-9761.	3.5	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.	2.0	16
186	Nano as a Rosetta Stone: The Global Roles and Opportunities for Nanoscience and Nanotechnology. <i>ACS Nano</i> , 2019, 13, 10853-10855.	14.6	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.	9.1	15
189	Interface Interaction Controlled Transport of CdTe Nanoparticles in the Microcontact Printing Process. <i>Langmuir</i> , 2006, 22, 7807-7811.	3.5	15
190	Correlating Dynamics and Selectivity in Adsorption of Semiconductor Nanocrystals onto a Self-Organized Pattern. <i>Nano Letters</i> , 2007, 7, 3483-3488.	9.1	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.	2.4	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.	2.6	15
193	Substrate-Controlled Synthesis of 5-Armchair Graphene Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11422-11427.	3.1	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.	9.5	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.	5.5	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.	3.1	15
197	Self-Assembled Monolayers of CH ₃ COS- Terminated Surfactant-Encapsulated Polyoxometalate Complexes. <i>Langmuir</i> , 2008, 24, 4693-4699.	3.5	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.	2.7	14

#	ARTICLE	IF	CITATIONS
199	Fabricating sub-100nm conducting polymer nanowires by edge nanoimprint lithography. Journal of Colloid and Interface Science, 2015, 458, 300-304.	9.4	14
200	Fast growth of monolayer organic 2D crystals and their application in organic transistors. Organic Electronics, 2018, 58, 38-45.	2.6	14
201	Chemical Synthesis at Surfaces with Atomic Precision: Taming Complexity and Perfection. Angewandte Chemie - International Edition, 2019, 58, 18758-18775.	13.8	14
202	Electronic Decoupling of Organic Layers by a Self-Assembled Supramolecular Network on Au(111). Journal of Physical Chemistry Letters, 2019, 10, 4297-4302.	4.6	14
203	Sutural mineralization of rat calvaria characterized by atomic-force microscopy and transmission electron microscopy. Cell and Tissue Research, 1998, 294, 93-97.	2.9	13
204	Molecular Composition, Grafting Density and Film Area Affect the Swelling-Induced Au-S Bond Breakage. ACS Applied Materials & Interfaces, 2014, 6, 8313-8319.	8.0	13
205	Seeing Down to the Bottom: Nondestructive Inspection of All-Polymer Solar Cells by Kelvin Probe Force Microscopy. Advanced Materials Interfaces, 2016, 3, 1600446.	3.7	13
206	Area confined position control of molecular aggregates. New Journal of Physics, 2016, 18, 053006.	2.9	13
207	Patterning of Functional Compounds by Multicomponent Langmuir-Blodgett Transfer and Subsequent Chemical Modification. Langmuir, 2010, 26, 15388-15393.	3.5	12
208	Fabrication of Single Gold Particle Arrays with Pattern Directed Electrochemical Deposition. ACS Applied Materials & Interfaces, 2012, 4, 3779-3783.	8.0	12
209	Linear Alkane C-C Bond Chemistry Mediated by Metal Surfaces. ChemPhysChem, 2015, 16, 1356-1360.	2.1	12
210	Spectral plasmonic effect in the nano-cavity of dye-doped nanosphere-based photonic crystals. Nanotechnology, 2016, 27, 165703.	2.6	12
211	A new on-surface synthetic pathway to 5-armchair graphene nanoribbons on Cu(111) surfaces. Faraday Discussions, 2017, 204, 297-305.	3.2	12
212	High-Performance Bottom-Contact Organic Thin-Film Transistors by Improving the Lateral Contact. Advanced Electronic Materials, 2017, 3, 1700128.	5.1	12
213	Modulating the Spatial Electrostatic Potential for 1D Colloidal Nanoparticles Assembly. Advanced Materials Interfaces, 2017, 4, 1700505.	3.7	12
214	Lithographical Fabrication of Organic Single-Crystal Arrays by Area-Selective Growth and Solvent Vapor Annealing. ACS Applied Materials & Interfaces, 2020, 12, 48854-48860.	8.0	12
215	High selective gas sensors based on surface modified polymer transistor. Organic Electronics, 2021, 91, 106083.	2.6	12
216	On-Surface Intramolecular Reactions. ACS Nano, 2020, 14, 6376-6382.	14.6	12

#	ARTICLE	IF	CITATIONS
217	Self-assembled Monolayers of Dendron-thiol on Solid Substrate. Chemistry Letters, 1998, 27, 1197-1198.	1.3	11
218	Surface Micelles of Single Chain Amphiphiles Bearing Azobenzene. Langmuir, 2002, 18, 8006-8009.	3.5	11
219	Structures and Stability of Ferrocene Derivative Monolayers on Ag(110):â€‰ Scanning Tunneling Microscopy Study. Journal of Physical Chemistry C, 2007, 111, 12139-12144.	3.1	11
220	Creating Bicolor Patterns via Selective Photobleaching with A Single Dye Species. Langmuir, 2009, 25, 3894-3897.	3.5	11
221	Two-Dimensional Self-Assembly of Linear Molecular Rods at the Liquid/Solid Interfaceâ€‰. Langmuir, 2011, 27, 1359-1363.	3.5	11
222	Phase Behavior and Molecular Packing of Octadecyl Phenols and their Methyl Ethers at the Air/Water Interface. Langmuir, 2014, 30, 5780-5789.	3.5	11
223	Growth of Highly Oriented Ultrathin Crystalline Organic Microstripes: Effect of Alkyl Chain Length. Langmuir, 2016, 32, 9109-9117.	3.5	11
224	Termination-Accelerated Electrochemical Nitrogen Fixation on Single-Atom Catalysts Supported by MXenes. Journal of Physical Chemistry Letters, 2022, 13, 2800-2807.	4.6	11
225	Synthesis and Surface Properties of New Ureas and Amides at Different Interfaces. Langmuir, 2006, 22, 1619-1625.	3.5	10
226	Anisotropic growth of organic semiconductor based on mechanical contrast of pre-patterned monolayer. Soft Matter, 2010, 6, 5302.	2.7	10
227	Synthesis, Structures, and Aggregation Properties of N-Acylamidines. European Journal of Organic Chemistry, 2011, 2011, 861-877.	2.4	10
228	Surface Microfluidic Patterning and Transporting Organic Small Molecules. Small, 2014, 10, 2549-2552.	10.0	10
229	Foreign Particle Promoted Crystalline Nucleation for Growing Highâ€‰Quality Ultrathin Rubrene Films. Small, 2016, 12, 4086-4092.	10.0	10
230	Branch Suppression and Orientation Control of Langmuirâ€‰Blodgett Patterning on Prestructured Surfaces. Advanced Materials Interfaces, 2016, 3, 1600478.	3.7	10
231	Selectively Scissoring Hydrogen-Bonded Cytosine Dimer Structures Catalyzed by Water Molecules. ACS Nano, 2020, 14, 10680-10687.	14.6	10
232	Câ€‰H activation of light alkanes on MXenes predicted by hydrogen affinity. Physical Chemistry Chemical Physics, 2020, 22, 18622-18630.	2.8	10
233	Micro organic light-emitting diodes fabricated through area-selective growth. Materials Chemistry Frontiers, 2017, 1, 2606-2612.	5.9	10
234	Surface modification with a fluorinated N-heterocyclic carbene on Au: effect on contact resistance in organic field-effect transistors. Journal of Materials Chemistry C, 2022, 10, 8589-8595.	5.5	10

#	ARTICLE	IF	CITATIONS
235	Alternating the Crystalline Structural Transition of Coronene Molecular Overlayers on Ag(110) through Temperature Increase. Journal of Physical Chemistry C, 2009, 113, 17643-17647.	3.1	9
236	A Simple Method for the Fabrication of High-Resolution Conducting Polymer Patterns. Langmuir, 2010, 26, 9142-9145.	3.5	9
237	Ion Strength and pH Sensitive Phase Transition of <i>N</i> -Isobutyryl-L-cysteine Monolayers on Au(111) Surfaces. Langmuir, 2010, 26, 7343-7348.	3.5	9
238	Fabrication of split-ring resonators by tilted nanoimprint lithography. Journal of Colloid and Interface Science, 2011, 360, 320-323.	9.4	9
239	Synthesis and Solid-State Investigations of Oligo(Phenylene)Ethyne Structures with Halide End-Groups. European Journal of Organic Chemistry, 2012, 2012, 2738-2747.	2.4	9
240	Catalytic Dealkylation of Ethers to Alcohols on Metal Surfaces. Angewandte Chemie, 2016, 128, 10035-10039.	2.0	9
241	Triazatriangulene platform for self-assembled monolayers of free-standing diarylethene. Science China Materials, 2018, 61, 1345-1350.	6.3	9
242	Mechanistic investigations of the Au catalysed C-H bond activations in on-surface synthesis. Physical Chemistry Chemical Physics, 2018, 20, 15901-15906.	2.8	9
243	Positioning growth of NPB crystalline nanowires on the PTCDA nanocrystal template. Nanoscale, 2018, 10, 10262-10267.	5.6	9
244	Self-assembly of 5,6-dihydroxyindole-2-carboxylic acid: polymorphism of a eumelanin building block on Au(111). Nanoscale, 2019, 11, 5422-5428.	5.6	9
245	Abiotic Formation of an Amide Bond via Surface-Supported Direct Carboxyl-Amine Coupling. Angewandte Chemie - International Edition, 2022, 61, .	13.8	9
246	Reversible and Reproducible Conductance Transition in a Polyimide Thin Film. Journal of Physical Chemistry C, 2008, 112, 17038-17041.	3.1	8
247	Structural Transition and Thermal Stability of a Coronene Molecular Monolayer on Cu(110). Journal of Physical Chemistry C, 2010, 114, 11180-11184.	3.1	8
248	Conducting polymer nanowires fabricated by edge effect of NIL. Journal of Materials Chemistry, 2012, 22, 12096.	6.7	8
249	Influence of self-assembled monolayers on the growth and crystallization of rubrene films: a molecular dynamics study. RSC Advances, 2013, 3, 15404.	3.6	8
250	Microstructured Ultrathin Organic Semiconductor Film via Dip-Coating: Precise Assembly and Diverse Applications. Accounts of Materials Research, 2020, 1, 201-212.	11.7	8
251	Directing On-Surface Reaction Pathways via Metal-Organic Cu-N Coordination. ChemPhysChem, 2020, 21, 843-846.	2.1	8
252	Oxygen-promoted synthesis of armchair graphene nanoribbons on Cu(111). Science China Chemistry, 2021, 64, 636-641.	8.2	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.	4.6	8
254	Atomic force microscopic (AFM) study on a self-organizing polymer film. <i>Polymer Bulletin</i> , 1998, 41, 695-699.	3.3	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.	5.5	7
256	Thymine and Adenine Tetrads Formed on Anisotropic Metal Surfaces. <i>Small</i> , 2014, 10, 265-270.	10.0	7
257	Building chessboard-like supramolecular structures on Au(111) surfaces. <i>Nanotechnology</i> , 2015, 26, 385601.	2.6	7
258	Simulation Modeling of Supported Lipid Membranes – A Review. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 617-623.	2.1	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.	14.6	7
260	Anchoring and Reacting On-Surface to Achieve Programmability. <i>Jacs Au</i> , 2022, 2, 58-65.	7.9	7
261	Fabrication of Multicolor Patterns with a Single Dye Species on a Polymer Surface. <i>Langmuir</i> , 2008, 24, 12745-12747.	3.5	6
262	Color Tuning via Adjusting the Dye-Loading Capacity of a Polymer. <i>Langmuir</i> , 2009, 25, 4352-4355.	3.5	6
263	Very large-bandgap insulating monolayers of ODS on SiC. <i>Applied Surface Science</i> , 2012, 258, 7280-7285.	6.1	6
264	Tunable Organic Hetero- Patterns via Molecule Diffusion Control. <i>Small</i> , 2014, 10, 3045-3049.	10.0	6
265	Step-edge induced area selective growth: a kinetic Monte Carlo study. <i>RSC Advances</i> , 2014, 4, 25005-25010.	3.6	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.	2.6	6
267	Kilohertz organic complementary inverters driven by surface-grafting conducting polypyrrole electrodes. <i>Solid-State Electronics</i> , 2016, 123, 51-57.	1.4	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.	2.6	6
269	Oxygen-Induced 1D to 2D Transformation of On-Surface Organometallic Structures. <i>Small</i> , 2020, 16, 2002393.	10.0	6
270	Dynamic Supramolecular Template: Multiple Stimuli-Controlled Size Adjustment of Porous Networks. <i>Langmuir</i> , 2020, 36, 5510-5516.	3.5	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.	5.9	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, .	13.8	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.	9.4	5
274	Controlled Assembly and Release of Retinoic Acid Based on the Layer-by-Layer Method. <i>Langmuir</i> , 2013, 29, 2708-2712.	3.5	5
275	Multi-species micropatterning of organic materials by liquid droplet array transfer printing. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	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.	4.6	5
277	Structure-activity correlation of Ti₂CT₂ MXenes for Câ€‘H activation. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 235201.	1.8	5
278	Recent Progresses on the High Performance Organic Electrochemical Transistors. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 975-988.	2.6	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.	5.5	5
280	Self-generating nanogaps for highly effective surface-enhanced Raman spectroscopy. <i>Nano Research</i> , 2022, 15, 3496-3503.	10.4	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.	1.1	4
282	Phase Behavior of 2,3-Disubstituted Methyl Octadecanoate Monolayers at the Airâ€‘Water Interface. <i>Langmuir</i> , 2005, 21, 3376-3383.	3.5	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.	9.4	4
284	Tunable control efficiency of patterned nucleation by post-annealing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6672-6676.	5.5	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.	3.1	4
286	Performances of Pentacene OFETs Deposited by Arbitrary Mounting Angle Vacuum Evaporator. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	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.	9.4	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.	2.4	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.	5.5	3
290	High performance near-infrared phototransistors <i>via</i> enhanced electron trapping effect. <i>Chemical Communications</i> , 2021, 57, 12123-12126.	4.1	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.	3.1	3
292	Influence of an Amide Group in Methyl Octadecanoates on the Monolayer Stability. <i>Langmuir</i> , 2006, 22, 1586-1594.	3.5	2
293	Patterning: Structure Formation by Dynamic Self-Assembly (<i>Small</i> 4/2012). <i>Small</i> , 2012, 8, 487-487.	10.0	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.	21.0	2
295	Plasmonic Nanoparticles: Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography (<i>Small</i> 42/2016). <i>Small</i> , 2016, 12, 5817-5817.	10.0	2
296	Supramolecular effects in self-assembled monolayers: general discussion. <i>Faraday Discussions</i> , 2017, 204, 123-158.	3.2	2
297	Supramolecular systems at liquid-solids interfaces: general discussion. <i>Faraday Discussions</i> , 2017, 204, 271-295.	3.2	2
298	Interface electronic property of organic/organic heterostructure visualized via kelvin probe force microscopy. <i>Organic Electronics</i> , 2018, 61, 383-388.	2.6	2
299	Tailoring Alkane Uniaxial Self-Assembly via Polymer Modified Step Edges. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28811-28815.	3.1	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.	4.6	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.	2.7	1
302	Interfacial Assembly of Nanoparticles into Higher-order Patterned Structures. <i>Frontiers of Nanoscience</i> , 2009, 1, 326-365.	0.6	1
303	Generation of metal patterns by topography-directed deposition. <i>Microelectronic Engineering</i> , 2010, 87, 1509-1511.	2.4	1
304	Molecular CloisonnÃ©: Multicomponent Organic Alternating Nanostructures at Vicinal Surfaces with Tunable Length Scales. <i>Small</i> , 2012, 8, 535-540.	10.0	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.	3.1	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.	3.1	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.	21.0	1
308	From n-alkane to polyacetylene on Cu (110): Linkage modulation in chain growth. Science China Chemistry, 2022, 65, 733-739.	8.2	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.	0.4	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.	13.8	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.	10.0	0
314	Nanotube Arrays: Bioinspired Patterning with Extreme Wettability Contrast on TiO ₂ Nanotube Array Surface: A Versatile Platform for Biomedical Applications (Small 17/2013). Small, 2013, 9, 3004-3004.	10.0	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.	21.0	0
316	Phase Transitions: Concentration-Controlled Reversible Phase Transitions in Self-Assembled Monolayers on HOPG Surfaces (Small 19/2015). Small, 2015, 11, 2222-2222.	10.0	0
317	Preparing macromolecular systems on surfaces: general discussion. Faraday Discussions, 2017, 204, 395-418.	3.2	0
318	Boundary-induced nucleation control: a theoretical perspective. Physical Chemistry Chemical Physics, 2018, 20, 3752-3760.	2.8	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.	2.6	0
320	Geometric and Electronic Behavior of C ₆₀ on PTCDA Hydrogen Bonded Network. Chemical Research in Chinese Universities, 2020, 36, 81-85.	2.6	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.	1.8	0
322	Association and differences between on-surface chemistry and solution chemistry. Scientia Sinica Chimica, 2019, 49, 410-440.	0.4	0
323	Abiotic Formation of Amide Bond via Surface-Supported Direct Carboxyl-Amine Coupling. Angewandte Chemie, 0, , .	2.0	0
324	On-Surface Debromination of 2,3-Bis(dibromomethyl)- and 2,3-Bis(bromomethyl)naphthalene: Dimerization or Polymerization?. Angewandte Chemie, 0, , .	2.0	0