

Dong Wang

List of Publications by Year in descending order

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199
papers

8,486
citations

47006

47
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84
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204
all docs

204
docs citations

204
times ranked

11725
citing authors

#	ARTICLE	IF	CITATIONS
1	Spaceâ€Confinementâ€Induced Synthesis of Pyridinicâ€and Pyrrolicâ€Nitrogenâ€Doped Graphene for the Catalysis of Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11755-11759.	13.8	620
2	On-Surface Synthesis of Single-Layered Two-Dimensional Covalent Organic Frameworks via Solidâ€Vapor Interface Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 10470-10474.	13.7	370
3	Assembly of aligned linear metallic patterns on silicon. <i>Nature Nanotechnology</i> , 2007, 2, 500-506.	31.5	351
4	Oxygen-Aided Synthesis of Polycrystalline Graphene on Silicon Dioxide Substrates. <i>Journal of the American Chemical Society</i> , 2011, 133, 17548-17551.	13.7	315
5	Efficient water oxidation catalyzed by homogeneous cationic cobalt porphyrins with critical roles for the buffer base. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15579-15584.	7.1	312
6	Degradation Chemistry and Stabilization of Exfoliated Few-Layer Black Phosphorus in Water. <i>Journal of the American Chemical Society</i> , 2018, 140, 7561-7567.	13.7	273
7	Confined Synthesis of Two-Dimensional Covalent Organic Framework Thin Films within Superspreading Water Layer. <i>Journal of the American Chemical Society</i> , 2018, 140, 12152-12158.	13.7	231
8	Grapheneâ€Like Singleâ€Layered Covalent Organic Frameworks: Synthesis Strategies and Application Prospects. <i>Advanced Materials</i> , 2014, 26, 6912-6920.	21.0	200
9	Construction and repair of highly ordered 2D covalent networks by chemical equilibrium regulation. <i>Chemical Communications</i> , 2012, 48, 2943.	4.1	188
10	Design Rules of Hydrogen-Bonded Organic Frameworks with High Chemical and Thermal Stabilities. <i>Journal of the American Chemical Society</i> , 2022, 144, 10663-10687.	13.7	174
11	Microscopic Investigation of Grain Boundaries in Organolead Halide Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28518-28523.	8.0	173
12	Oriented Covalent Organic Framework Film on Graphene for Robust Ambipolar Vertical Organic Field-Effect Transistor. <i>Chemistry of Materials</i> , 2017, 29, 4367-4374.	6.7	160
13	Oriented Two-Dimensional Covalent Organic Framework Films for Near-Infrared Electrochromic Application. <i>Journal of the American Chemical Society</i> , 2019, 141, 19831-19838.	13.7	151
14	Interfacial synthesis of ordered and stable covalent organic frameworks on amino-functionalized carbon nanotubes with enhanced electrochemical performance. <i>Chemical Communications</i> , 2017, 53, 6303-6306.	4.1	147
15	Globally homochiral assembly of two-dimensional molecular networks triggered by co-absorbers. <i>Nature Communications</i> , 2013, 4, 1389.	12.8	119
16	Insight into the Interfacial Process and Mechanism in Lithiumâ€Sulfur Batteries: An In Situ AFM Study. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15835-15839.	13.8	119
17	Formation of Halogen Bond-Based 2D Supramolecular Assemblies by Electric Manipulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 6128-6131.	13.7	117
18	Single Nanowire Electrode Electrochemistry of Silicon Anode by in Situ Atomic Force Microscopy: Solid Electrolyte Interphase Growth and Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20317-20323.	8.0	100

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19	Chiral Hierarchical Molecular Nanostructures on Two-Dimensional Surface by Controllable Ternary Self-Assembly. <i>Journal of the American Chemical Society</i> , 2011, 133, 21010-21015.	13.7	91
20	Monolayer Two-dimensional Molecular Crystals for an Ultrasensitive OFET-based Chemical Sensor. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4380-4384.	13.8	90
21	Concentration-Directed Polymorphic Surface Covalent Organic Frameworks: Rhombus, Parallelogram, and Kagome. <i>ACS Nano</i> , 2017, 11, 11694-11700.	14.6	82
22	Click and Patterned Functionalization of Graphene by Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 7448-7451.	13.7	81
23	Single-Molecule Imaging of Iron-Phthalocyanine-Catalyzed Oxygen Reduction Reaction by <i>in Situ</i> Scanning Tunneling Microscopy. <i>ACS Nano</i> , 2016, 10, 8746-8750.	14.6	78
24	Facile growth of centimeter-sized single-crystal graphene on copper foil at atmospheric pressure. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3530-3535.	5.5	76
25	Stable Sodium Metal Batteries via Manipulation of Electrolyte Solvation Structure. <i>Small Methods</i> , 2020, 4, 1900856.	8.6	73
26	A facile approach to prepare phosphorus and nitrogen containing macromolecular covalent organic nanosheets for enhancing flame retardancy and mechanical property of epoxy resin. <i>Composites Part B: Engineering</i> , 2019, 164, 390-399.	12.0	72
27	Molecular Layer Deposition of Thiol-Ene Multilayers on Semiconductor Surfaces. <i>Langmuir</i> , 2010, 26, 1232-1238.	3.5	71
28	Selective Growth of Covalent Organic Framework Ultrathin Films on Hexagonal Boron Nitride. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14706-14711.	3.1	69
29	Electrochemical Scanning Tunneling Microscopy: Adlayer Structure and Reaction at Solid/Liquid Interface. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16109-16130.	3.1	68
30	In Situ Observation of Electrolyte-Concentration-Dependent Solid Electrolyte Interphase on Graphite in Dimethyl Sulfoxide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9573-9580.	8.0	66
31	Isomeric Routes to Schiff-Base Single-layered Covalent Organic Frameworks. <i>Small</i> , 2014, 10, 4934-4939.	10.0	62
32	Molecular Evidence for the Catalytic Process of Cobalt Porphyrin Catalyzed Oxygen Evolution Reaction in Alkaline Solution. <i>Journal of the American Chemical Society</i> , 2019, 141, 7665-7669.	13.7	61
33	A Covalent Organic Framework Film for Three-State Near-Infrared Electrochromism and a Molecular Logic Gate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12498-12503.	13.8	60
34	Morphology and modulus evolution of graphite anode in lithium ion battery: An in situ AFM investigation. <i>Science China Chemistry</i> , 2014, 57, 178-183.	8.2	57
35	Simultaneous construction of two linkages for the on-surface synthesis of imine-boroxine hybrid covalent organic frameworks. <i>Chemical Science</i> , 2017, 8, 2169-2174.	7.4	57
36	Resistive Switching Memory Performance of Two-Dimensional Polyimide Covalent Organic Framework Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51837-51845.	8.0	57

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37	Constructing Stable Chromenoquinoline-Based Covalent Organic Frameworks via Intramolecular Povarov Reaction. <i>Journal of the American Chemical Society</i> , 2022, 144, 2488-2494.	13.7	57
38	Solvent-Controlled 2D Host-Guest (2,7,12-Trihexyloxytruxene/Coronene) Molecular Nanostructures at Organic Liquid/Solid Interface Investigated by Scanning Tunneling Microscopy. <i>Langmuir</i> , 2010, 26, 8195-8200.	3.5	56
39	Promoting visible light-driven hydrogen evolution over CdS nanorods using earth-abundant CoP as a cocatalyst. <i>RSC Advances</i> , 2016, 6, 33120-33125.	3.6	56
40	In-Situ Scanning Tunneling Microscopy of Cobalt-Phthalocyanine-Catalyzed CO ₂ Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16098-16103.	13.8	56
41	Block Copolymer Templated Etching on Silicon. <i>Nano Letters</i> , 2007, 7, 464-469.	9.1	55
42	Engineering of Linear Molecular Nanostructures by a Hydrogen-Bond-Mediated Modular and Flexible Host-Guest Assembly. <i>ACS Nano</i> , 2010, 4, 5685-5692.	14.6	55
43	Molecular Conductance through a Quadruple-Hydrogen-Bond-Bridged Supramolecular Junction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12393-12397.	13.8	53
44	Heterogeneous nucleation and growth of highly crystalline imine-linked covalent organic frameworks. <i>Chemical Communications</i> , 2018, 54, 5976-5979.	4.1	53
45	Trapping Silicon Surface-Based Radicals. <i>Langmuir</i> , 2006, 22, 6214-6221.	3.5	52
46	Two-dimensional chiral molecular assembly on solid surfaces: formation and regulation. <i>National Science Review</i> , 2015, 2, 205-216.	9.5	51
47	Chiral Kagome Network from Thiocalix[4]arene Tetrasulfonate at the Interface of Aqueous Solution/Au(111) Surface: An in Situ Electrochemical Scanning Tunneling Microscopy Study. <i>Journal of the American Chemical Society</i> , 2010, 132, 5598-5599.	13.7	50
48	Optical properties of secondary organic aerosols generated by photooxidation of aromatic hydrocarbons. <i>Scientific Reports</i> , 2014, 4, 4922.	3.3	48
49	Bilayer Molecular Assembly at a Solid/Liquid Interface as Triggered by a Mild Electric Field. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13395-13399.	13.8	47
50	Progress of electrode/electrolyte interfacial investigation of Li-ion batteries via in situ scanning probe microscopy. <i>Science Bulletin</i> , 2015, 60, 839-849.	9.0	47
51	Chirality-Assisted Ring-Like Aggregation of Al ²⁺ (1 < b > 40) at Liquid-Solid Interfaces: A Stereoselective Two-Step Assembly Process. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2245-2250.	13.8	47
52	The on-surface synthesis of imine-based covalent organic frameworks with non-aromatic linkage. <i>Chemical Communications</i> , 2015, 51, 14318-14321.	4.1	46
53	Single-molecule level control of host-guest interactions in metallocycle-C60 complexes. <i>Nature Communications</i> , 2019, 10, 4599.	12.8	44
54	Facet dependent SEI formation on the LiNi _{0.5} Mn _{1.5} O ₄ cathode identified by in situ single particle atomic force microscopy. <i>Chemical Communications</i> , 2014, 50, 15756-15759.	4.1	43

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55	Temperature-Dependent Local Electrical Properties of Organic-Inorganic Halide Perovskites: In Situ KPFM and c-AFM Investigation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21627-21633.	8.0	42
56	Insights into electrocatalysis by scanning tunnelling microscopy. <i>Chemical Society Reviews</i> , 2021, 50, 5832-5849.	38.1	40
57	Structure and structural transition of chiral domains in oligo(p-phenylenevinylene) assembly investigated by scanning tunneling microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2769-2774.	7.1	39
58	Influence of N-Dimethylformamide Annealing on the Local Electrical Properties of Organometal Halide Perovskite Solar Cells: an Atomic Force Microscopy Investigation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26002-26007.	8.0	39
59	On-Surface Synthesis of Highly Ordered Covalent Sierpinski Triangle Fractals. <i>Journal of the American Chemical Society</i> , 2019, 141, 11378-11382.	13.7	39
60	Sub-5 nm single crystalline organic-inorganic heterojunctions. <i>Nature Communications</i> , 2021, 12, 2774.	12.8	39
61	Coordination-Assisted Precise Construction of Metal Oxide Nanofilms for High-Performance Solid-State Batteries. <i>Journal of the American Chemical Society</i> , 2022, 144, 2179-2188.	13.7	38
62	Single-Molecule Conductance through an Isoelectronic N-Substituted Phenanthrene Junction. <i>Journal of the American Chemical Society</i> , 2020, 142, 8068-8073.	13.7	37
63	Synthesis of Covalent Organic Framework Films at Interfaces. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1090-1098.	3.2	37
64	Substrate Orientation Effect in the On-Surface Synthesis of Tetrathiafulvalene-Integrated Single-Layer Covalent Organic Frameworks. <i>Langmuir</i> , 2015, 31, 11755-11759.	3.5	36
65	Initial solid electrolyte interphase formation process of graphite anode in LiPF ₆ electrolyte: an in situ ECSTM investigation. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 7330.	2.8	34
66	Discriminating Chiral Molecules of (R)-PPA and (S)-PPA in Aqueous Solution by ECSTM. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3408-3411.	13.8	33
67	Thienylsilane-Modified Indium Tin Oxide as an Anodic Interface in Polymer/Fullerene Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 279-288.	8.0	33
68	Organic donor-acceptor heterojunctions for high performance circularly polarized light detection. <i>Nature Communications</i> , 2022, 13, .	12.8	33
69	Photoinduced organic nanowires from self-assembled monolayers. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2002, 20, 2466.	1.6	32
70	Structural transition of molecular assembly under photo-irradiation: an STM study. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6467.	2.8	32
71	Molecular evidence for the intermolecular S π S interaction in the surface molecular packing motifs of a fused thiophene derivative. <i>Chemical Communications</i> , 2013, 49, 1829.	4.1	32
72	Redistribution of Li-ions using covalent organic frameworks towards dendrite-free lithium anodes: a mechanism based on a Galton Board. <i>Science China Chemistry</i> , 2020, 63, 1306-1314.	8.2	32

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73	In situ reversible underwater superwetting transition by electrochemical atomic alternation. <i>Nature Communications</i> , 2019, 10, 1212.	12.8	31
74	Molecular engineering of Schiff-base linked covalent polymers with diverse topologies by gas-solid interface reaction. <i>Journal of Chemical Physics</i> , 2015, 142, 101905.	3.0	30
75	On-Surface Growth of Single-Layered Homochiral 2D Covalent Organic Frameworks by Steric Hindrance Strategy. <i>Journal of the American Chemical Society</i> , 2020, 142, 14350-14356.	13.7	30
76	Electrochemically driven organic monolayer formation on silicon surfaces using alkylammonium and alkylphosphonium reagents. <i>Surface Science</i> , 2005, 590, 154-161.	1.9	29
77	Formation and structural transition of molecular self-assembly on solid surface investigated by scanning tunneling microscopy. <i>Materials Science and Engineering Reports</i> , 2010, 70, 169-187.	31.8	29
78	Construction of boronate ester based single-layered covalent organic frameworks. <i>Chemical Communications</i> , 2016, 52, 13771-13774.	4.1	29
79	Enhanced Light Scattering of Secondary Organic Aerosols by Multiphase Reactions. <i>Environmental Science & Technology</i> , 2017, 51, 1285-1292.	10.0	29
80	A universal cross-linking binding polymer composite for ultrahigh-loading Li-ion battery electrodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9693-9700.	10.3	29
81	Controllable atmospheric pressure growth of mono-layer, bi-layer and tri-layer graphene. <i>Chemical Communications</i> , 2014, 50, 11012-11015.	4.1	28
82	Adsorption Mode of Cinchonidine on Cu(111) Surface. <i>Journal of the American Chemical Society</i> , 2002, 124, 14300-14301.	13.7	27
83	Remote Chiral Communication in Coadsorber-Induced Enantioselective 2D Supramolecular Assembly at a Liquid/Solid Interface. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4309-4314.	13.8	27
84	Directed block copolymer self-assembly implemented via surface-embedded electrets. <i>Nature Communications</i> , 2016, 7, 10752.	12.8	27
85	Adlayer structures of pyrene and perylene on Cu(111): an in situ STM study. <i>Surface Science</i> , 2001, 478, L320-L326.	1.9	26
86	Adaptive Reorganization of 2D Molecular Nanoporous Network Induced by Coadsorbed Guest Molecule. <i>Langmuir</i> , 2014, 30, 3034-3040.	3.5	26
87	Chirality of molecular nanostructures on surfaces via molecular assembly and reaction: manifestation and control. <i>Surface Science Reports</i> , 2021, 76, 100531.	7.2	26
88	Template synthesis of imine-based covalent organic framework core-shell structure and hollow sphere: a case of COFTTA-DHTA. <i>Science China Chemistry</i> , 2017, 60, 1098-1102.	8.2	25
89	Supramolecular Complexes of C ₈₀ -Based Metallofullerenes with [12]Cycloparaphenylene Nanoring and Altered Property in a Confined Space. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12514-12520.	3.1	25
90	In Situ STM Evidence for Adsorption of Rhodamine B in Solution. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4223-4226.	2.6	24

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91	Adsorption and Coordination of Tartaric Acid Enantiomers on Cu(111) in Aqueous Solution. <i>Langmuir</i> , 2004, 20, 7360-7364.	3.5	24
92	Preferential face deposition of gold nanoparticles on silicon nanowires by galvanic displacement. <i>CrystEngComm</i> , 2012, 14, 5230.	2.6	24
93	Unexpected functions of oxygen in a chemical vapor deposition atmosphere to regulate graphene growth modes. <i>Chemical Communications</i> , 2015, 51, 15486-15489.	4.1	24
94	Adlayer Structures of Pyridine, Pyrazine and Triazine on Cu(111): An in Situ Scanning Tunneling Microscopy Study. <i>Langmuir</i> , 2002, 18, 5133-5138.	3.5	23
95	Effects of Gas-Particle Partitioning on Refractive Index and Chemical Composition of <i>m</i> -Xylene Secondary Organic Aerosol. <i>Journal of Physical Chemistry A</i> , 2018, 122, 3250-3260.	2.5	23
96	Cobalt-Porphyrin-Catalyzed Oxygen Reduction Reaction: A Scanning Tunneling Microscopy Study. <i>ChemElectroChem</i> , 2016, 3, 2048-2051.	3.4	22
97	Rational design of two-dimensional covalent tilings using a C ₆ -symmetric building block via on-surface Schiff base reaction. <i>Chemical Communications</i> , 2019, 55, 1326-1329.	4.1	21
98	Confined Synthesis of Oriented Two-Dimensional Ni ₃ (hexaiminotriphenylene) ₂ Films for Electrocatalytic Oxygen Evolution Reaction. <i>Langmuir</i> , 2020, 36, 7528-7532.	3.5	21
99	Adsorption of Enantiomeric and Racemic Tyrosine on Cu(111): A Scanning Tunneling Microscopy Study. <i>Langmuir</i> , 2003, 19, 1958-1962.	3.5	20
100	In Situ STM Evidence for the Adsorption Geometry of Three N-Heteroaromatic Thiols on Au(111). <i>Langmuir</i> , 2011, 27, 7614-7619.	3.5	20
101	Electrospray soft-landing for the construction of non-covalent molecular nanostructures using charged droplets under ambient conditions. <i>Chemical Communications</i> , 2016, 52, 13660-13663.	4.1	19
102	Fabrication of bilayer tetrathiafulvalene integrated surface covalent organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17356-17359.	2.8	19
103	Atomic structures of adsorbed sulfur on Cu() in perchloric acid solution by in situ ECSTM. <i>Surface Science</i> , 2002, 499, L159-L163.	1.9	18
104	Fabrication and characterization of an electrically variable, nanospring based interferometer. <i>Applied Physics Letters</i> , 2007, 90, 253101.	3.3	18
105	In Situ Scanning Tunneling Microscopy of Solvent-Dependent Chiral Patterns of 1,4-Di[4-(N-(trihydroxymethyl)methyl carbamoylphenyl)]-2,5-didodecyloxybenzene Molecular Assembly at a Liquid/Highly Oriented Pyrolytic Graphite Interface. <i>Journal of Physical Chemistry C</i> , 2010, 114, 533-538.	3.1	18
106	Adlayer Structures of Calixarenes on Au(111) Surface Studied with STM. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13111-13116.	2.6	17
107	Effect of Chemical Structure on the Adsorption of Amino Acids with Aliphatic and Aromatic Substitution Groups: An In Situ STM Study. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8474-8478.	2.6	17
108	Structural Motif Modulation in 2D Supramolecular Assemblies of Molecular Dipolar Unit Tethered by Alkylene Spacer. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16392-16396.	3.1	17

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109	Surface Tectonics of Nanoporous Networks of Melamine- ϵ -Capped Molecular Building Blocks formed through Interface Schiff-Base Reactions. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2466-2470.	3.3	17
110	The intramolecular H-bonding effect on the growth and stability of Schiff-base surface covalent organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 539-543.	2.8	17
111	Direct Probing of the Structure and Electron Transfer of Fullerene/Ferrocene Hybrid on Au(111) Electrodes by in Situ Electrochemical STM. <i>Journal of the American Chemical Society</i> , 2014, 136, 3184-3191.	13.7	16
112	Surface Host-Guest Supramolecular Assemblies on Porphyrin-Based Covalent Organic Grids. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15753-15757.	3.1	16
113	Review on mechanism of directly fabricating wafer-scale graphene on dielectric substrates by chemical vapor deposition. <i>Nanotechnology</i> , 2017, 28, 284001.	2.6	16
114	Competitive chiral induction in a 2D molecular assembly: Intrinsic chirality versus coadsorber-induced chirality. <i>Science Advances</i> , 2017, 3, e1701208.	10.3	16
115	Tuning Photoexcited Charge Transfer in Imine-Linked Two-Dimensional Covalent Organic Frameworks. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1398-1405.	4.6	16
116	Multi-layered mesh-like MoS ₂ hierarchical nanostructure fabricated on Ti foil: An efficient noble metal-free photocatalyst for visible-light-driven H ₂ evolution from water. <i>Catalysis Communications</i> , 2016, 82, 7-10.	3.3	15
117	Insight into the Transamination Process in the Fabrication of Surface Schiff-Based Covalent Organic Frameworks. <i>Langmuir</i> , 2019, 35, 6333-6339.	3.5	15
118	In situ scanning tunneling microscopy study of adsorption of diaza-15-crown-5 on Cu(111). <i>Surface Science</i> , 2001, 489, L568-L572.	1.9	14
119	Potential Dependent Adsorption Geometry of 2,5-Dihydroxybenzoic Acid on a Au(111) Surface: An in Situ Electrochemical Scanning Tunneling Microscopy Study. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6208-6214.	3.1	14
120	Switching the surface homochiral assembly by surface host-guest chemistry. <i>Chemical Communications</i> , 2017, 53, 11095-11098.	4.1	14
121	Hydrogen Bond Partner Reorganization in the Coadsorption of a Monodendron and Pyridylethynyl Derivatives. <i>Langmuir</i> , 2011, 27, 1292-1297.	3.5	13
122	Potential- and concentration-dependent self-assembly structures at solid/liquid interfaces. <i>Nanoscale</i> , 2018, 10, 3438-3443.	5.6	12
123	Microscopic investigations on the surface-state dependent moisture stability of a hybrid perovskite. <i>Nanoscale</i> , 2020, 12, 7759-7765.	5.6	12
124	Direct STM Investigation of Cinchona Alkaloid Adsorption on Cu(111). <i>Langmuir</i> , 2004, 20, 3006-3010.	3.5	11
125	Block copolymer-templated chemical nanopatterning on pyrolyzed photoresist carbon films. <i>Chemical Communications</i> , 2012, 48, 9741.	4.1	11
126	Solution Effect on Diazonium-Modified Au(111): Reactions and Structures. <i>Langmuir</i> , 2013, 29, 2955-2960.	3.5	11

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127	Two-dimensional self-assemblies of telechelic organic compounds: structure and surface host-guest chemistry. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120302.	3.4	11
128	Molecular Conductance through a Quadruple-Hydrogen-Bond-Bridged Supramolecular Junction. <i>Angewandte Chemie</i> , 2016, 128, 12581-12585.	2.0	11
129	Enantiomeric Excess-Tuned 2D Structural Transition: From Heterochiral to Homochiral Supramolecular Assemblies. <i>Langmuir</i> , 2016, 32, 6830-6835.	3.5	11
130	Electrochemical On-Off Site Switching of the Directional Liquid Transport on a Conical Fiber. <i>Advanced Materials</i> , 2022, 34, e2200759.	21.0	11
131	Turning off the majority-rules effect in two-dimensional hierarchical chiral assembly by introducing a chiral mismatch. <i>Nanoscale</i> , 2016, 8, 17861-17868.	5.6	10
132	Insight into the Interfacial Process and Mechanism in Lithium-Sulfur Batteries: An In Situ AFM Study. <i>Angewandte Chemie</i> , 2016, 128, 16067-16071.	2.0	10
133	Organized Molecular Interface-Induced Noncrystallizable Polymer Ultrathin Nanosheets with Ordered Chain Alignment. <i>ACS Nano</i> , 2016, 10, 948-956.	14.6	10
134	Molecular Quadripod as a Noncovalent Interfacial Coupling Reagent for Forming Immobilized Coordination Assemblies. <i>Journal of the American Chemical Society</i> , 2018, 140, 12337-12340.	13.7	10
135	Temperature-Directed Hierarchical Surface Supramolecular Assembly. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13775-13781.	3.1	10
136	Tri-Stable Structural Switching in 2D Molecular Assembly at the Liquid/Solid Interface Triggered by External Electric Field. <i>ACS Nano</i> , 2019, 13, 6751-6759.	14.6	10
137	Formation of multicomponent 2D assemblies of C _{2v} -symmetric terphenyl tetracarboxylic acid at the solid/liquid interface: recognition, selection, and transformation. <i>RSC Advances</i> , 2019, 9, 11659-11663.	3.6	10
138	Absolute Configuration of Monodentate Phosphine Ligand Enantiomers on Cu(111). <i>Analytical Chemistry</i> , 2004, 76, 627-631.	6.5	9
139	Shape-Persistent Two-Component 2D Networks with Atomic-Size Tunability. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2426-2430.	3.3	9
140	In Situ Scanning Tunneling Microscopy Investigation of Subphthalocyanine and Subnaphthalocyanine Adlayers on a Au(111) Electrode. <i>Langmuir</i> , 2013, 29, 264-270.	3.5	9
141	Free-Standing, Single-Bilayer-Thick Polymeric Nanosheets via Spatially Confined Polymerization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1055-1060.	3.9	9
142	Electrostatic-Interaction-Induced Molecular Deposition of a Hybrid Bilayer on Au(111): A Scanning Tunneling Microscopy Study. <i>Langmuir</i> , 2014, 30, 3502-3506.	3.5	9
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