Lifeng Chi

List of Publications by Year
in descending order

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324 papers	13,087 citations	27035 58 h-index	38517 99 g-index
326 all docs	326 docs citations	326 times ranked	18174 citing authors

#	Article	IF	Citations
1	Abiotic Formation of an Amide Bond via Surfaceâ€Supported Direct Carboxylâ€“Amine Coupling. Angewandte Chemie - International Edition, 2022, 61, .	7.2	9
2	Self-generating nanogaps for highly effective surface-enhanced Raman spectroscopy. Nano Research, 2022, 15, 3496-3503.	5.8	5
3	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices. Nature Communications, 2022, 13, 510.	5.8	19
4	From n-alkane to polyacetylene on Cu (110): Linkage modulation in chain growth. Science China Chemistry, 2022, 65, 733-739.	4.2	1
5	Termination-Accelerated Electrochemical Nitrogen Fixation on Single-Atom Catalysts Supported by MXenes. Journal of Physical Chemistry Letters, 2022, 13, 2800-2807.	2.1	11
6	Converting n-Alkanol to Conjugated Polyenal on Cu(110) Surface at Mild Temperature. Journal of Physical Chemistry Letters, 2022, , 3276-3282.	2.1	2
7	Tandem Desulfurization/Câ€“C Coupling Reaction of Tetrathienylbenzenes on Cu(111): Synthesis of Pentacene and an Exotic Ladder Polymer. ACS Nano, 2022, 16, 6506-6514.	7.3	7
8	Anchoring and Reacting On-Surface to Achieve Programmability. Jacs Au, 2022, 2, 58-65.	3.6	7
9	Substrate-Modulated Synthesis of Metalâ€“Organic Hybrids by Tunable Multiple Arylâ€“Metal Bonds. Journal of the American Chemical Society, 2022, 144, 8214-8222.	6.6	24
10	Onâ€Surface Debromination of 2,3â€Bis(dibromomethyl)â€•and 2,3â€Bis(bromomethyl)naphthalene: Dimerization or Polymerization?. Angewandte Chemie - International Edition, 2022, 61, .	7.2	6
11	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.	2.7	10
12	Organic Heteroepitaxy Growth of High-Performance Responsive Thin Films with Solution Shearing Crystals as Templates. , 2022, 4, 1314-1321.		1
13	Synthesis of the Two-Dimensional Robust Kagome Lattice on Au(111) via the Introduction of Fe Atoms. Journal of Physical Chemistry C, 2022, 126, 12009-12014.	1.5	3
14	On-Surface Synthesis on Nonmetallic Substrates. , 2021, 3, 56-63.		16
15	A Fundamental Role of the Molecular Length in Forming Metalâ€“Organic Hybrids of Phenol Derivatives on Silver Surfaces. Journal of Physical Chemistry Letters, 2021, 12, 1869-1875.	2.1	5
16	Oxygen-promoted synthesis of armchair graphene nanoribbons on Cu(111). Science China Chemistry, 2021, 64, 636-641.	4.2	8
17	High selective gas sensors based on surface modified polymer transistor. Organic Electronics, 2021, 91, 106083.	1.4	12
18	Structure-activity correlation of Ti₂CT₂ MXenes for Câ€“H activation. Journal of Physics Condensed Matter, 2021, 33, 235201.	0.7	5

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19	Direct transformation of n-alkane into all-trans conjugated polyene via cascade dehydrogenation. National Science Review, 2021, 8, nwab093.	4.6	15
20	Constructing and Transferring Two-Dimensional Tessellation Kagome Lattices via Chemical Reactions on Cu(111) Surface. Journal of Physical Chemistry Letters, 2021, 12, 8151-8156.	2.1	8
21	Recent Progresses on the High Performance Organic Electrochemical Transistors. Chemical Research in Chinese Universities, 2021, 37, 975-988.	1.3	5
22	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
23	A highly-efficient, stable, and flexible Kapton tape-based SERS chip. Materials Chemistry Frontiers, 2021, 5, 6471-6475.	3.2	6
24	In situ observation of organic single micro-crystal fabrication by solvent vapor annealing. Journal of Materials Chemistry C, 2021, 9, 9124-9129.	2.7	5
25	High performance gas sensors with dual response based on organic ambipolar transistors. Journal of Materials Chemistry C, 2021, 9, 1584-1592.	2.7	15
26	High performance near-infrared phototransistors via enhanced electron trapping effect. Chemical Communications, 2021, 57, 12123-12126.	2.2	3
27	Water-Induced Chiral Separation on a Au(111) Surface. ACS Nano, 2021, 15, 16896-16903.	7.3	20
28	Lithographical Fabrication of Organic Single-Crystal Arrays by Area-Selective Growth and Solvent Vapor Annealing. ACS Applied Materials & Interfaces, 2020, 12, 48854-48860.	4.0	12
29	Bottom-Up, On-Surface-Synthesized Armchair Graphene Nanoribbons for Ultra-High-Power Micro-Supercapacitors. Journal of the American Chemical Society, 2020, 142, 17881-17886.	6.6	51
30	Selectively Scissoring Hydrogen-Bonded Cytosine Dimer Structures Catalyzed by Water Molecules. ACS Nano, 2020, 14, 10680-10687.	7.3	10
31	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
32	Microstructured Ultrathin Organic Semiconductor Film via Dip-Coating: Precise Assembly and Diverse Applications. Accounts of Materials Research, 2020, 1, 201-212.	5.9	8
33	Oxygenâ€Induced 1D to 2D Transformation of Onâ€Surface Organometallic Structures. Small, 2020, 16, 2002393.	5.2	6
34	Câ€“H activation of light alkanes on MXenes predicted by hydrogen affinity. Physical Chemistry Chemical Physics, 2020, 22, 18622-18630.	1.3	10
35	Performances of Pentacene OFETs Deposited by Arbitrary Mounting Angle Vacuum Evaporator. Frontiers in Materials, 2020, 7, .	1.2	4
36	Noncontact atomic force microscopy: Bond imaging and beyond. Surface Science Reports, 2020, 75, 100509.	3.8	23

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37	Substrate-Controlled Synthesis of 5-Armchair Graphene Nanoribbons. Journal of Physical Chemistry C, 2020, 124, 11422-11427.	1.5	15
38	Micro Organic Light Emitting Diode Arrays by Patterned Growth on Structured Polypyrrole. Advanced Optical Materials, 2020, 8, 1902105.	3.6	19
39	Charge Transport: Photomodulation of Charge Transport in Allâ€Semiconducting 2Dâ€“1D van der Waals Heterostructures with Suppressed Persistent Photoconductivity Effect (Adv. Mater. 26/2020). Advanced Materials, 2020, 32, 2070200.	11.1	1
40	Directing Onâ€Surface Reaction Pathways via Metalâ€Organic Cuâ‹¯N Coordination. ChemPhysChem, 2020, 21, 843-846.	1.0	8
41	Geometric and Electronic Behavior of C60 on PTCDA Hydrogen Bonded Network. Chemical Research in Chinese Universities, 2020, 36, 81-85.	1.3	0
42	Dynamic Supramolecular Template: Multiple Stimuli-Controlled Size Adjustment of Porous Networks. Langmuir, 2020, 36, 5510-5516.	1.6	6
43	Synthesis of Two-Dimensional Metalâ€“Organic Frameworks via Dehydrogenation Reactions on a Cu(111) Surface. Journal of Physical Chemistry C, 2020, 124, 12390-12396.	1.5	15
44	On-Surface Intramolecular Reactions. ACS Nano, 2020, 14, 6376-6382.	7.3	12
45	Chemical Synthesis at Surfaces with Atomic Precision: Taming Complexity and Perfection. Angewandte Chemie - International Edition, 2019, 58, 18758-18775.	7.2	14
46	Gasâ€Sensing Performance and Operation Mechanism of Organic Ï€â€Conjugated Materials. ChemPlusChem, 2019, 84, 1222-1234.	1.3	50
47	Unraveling the Mechanism of the Persistent Photoconductivity in Organic Phototransistors. Advanced Functional Materials, 2019, 29, 1905657.	7.8	54
48	Tailoring Alkane Uniaxial Self-Assembly via Polymer Modified Step Edges. Journal of Physical Chemistry C, 2019, 123, 28811-28815.	1.5	2
49	Nano as a Rosetta Stone: The Global Roles and Opportunities for Nanoscience and Nanotechnology. ACS Nano, 2019, 13, 10853-10855.	7.3	16
50	Orientation-Selective Growth of Single-Atomic-Layer Gold Nanosheets via van der Waals Interlocking and Octanethiolate-Confined Molecular Channels. Journal of Physical Chemistry C, 2019, 123, 25228-25235.	1.5	1
51	Lithography Compatible, Flexible Microâ€Organic Lightâ€Emitting Diodes by Templateâ€Directed Growth. Small Methods, 2019, 3, 1800508.	4.6	17
52	Theoretical Investigation of On-Purpose Propane Dehydrogenation over the Two-Dimensional Ruâ€“Pc Framework. Journal of Physical Chemistry C, 2019, 123, 4969-4976.	1.5	28
53	Electronic Decoupling of Organic Layers by a Self-Assembled Supramolecular Network on Au(111). Journal of Physical Chemistry Letters, 2019, 10, 4297-4302.	2.1	14
54	N,P-coordinated fullerene-like carbon nanostructures with dual active centers toward highly-efficient multi-functional electrocatalysis for CO₂RR, ORR and Zn-air battery. Journal of Materials Chemistry A, 2019, 7, 15271-15277.	5.2	99

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55	Multi-species micropatterning of organic materials by liquid droplet array transfer printing. Applied Physics Letters, 2019, 114, .	1.5	5
56	Benzo-Fused Periacenes or Double Helicenes? Different Cyclodehydrogenation Pathways on Surface and in Solution. Journal of the American Chemical Society, 2019, 141, 7399-7406.	6.6	49
57	On‐Surface Synthesis of 8â€•and 10â€Armchair Graphene Nanoribbons. Small, 2019, 15, e1804526.	5.2	35
58	Self-assembly of 5,6-dihydroxyindole-2-carboxylic acid: polymorphism of a eumelanin building block on Au(111). Nanoscale, 2019, 11, 5422-5428.	2.8	9
59	Synthesis of Armchair and Chiral Carbon Nanobelts. CheM, 2019, 5, 838-847.	5.8	167
60	Tape‐Imprinted Hierarchical Lotus Seedpod‐Like Arrays for Extraordinary Surface‐Enhanced Raman Spectroscopy. Small, 2019, 15, e1804527.	5.2	38
61	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. ACS Nano, 2019, 13, 13709-13715.	7.3	39
62	On‐Surface Synthesis of Graphyne‐Based Nanostructures. Advanced Materials, 2019, 31, e1804087.	11.1	49
63	Intermediate States Directed Chiral Transfer on a Silver Surface. Journal of the American Chemical Society, 2019, 141, 168-174.	6.6	40
64	Oxygen‐Assisted Cathodic Deposition of Zeolitic Imidazolate Frameworks with Controlled Thickness. Angewandte Chemie - International Edition, 2019, 58, 1123-1128.	7.2	40
65	Adsorption Structure of Mono- and Diradicals on a Cu(111) Surface: Chemoselective Dehalogenation of 4-Bromo-3â€³-iodo-p-terphenyl. ACS Nano, 2019, 13, 324-336.	7.3	26
66	Association and differences between on-surface chemistry and solution chemistry. Scientia Sinica Chimica, 2019, 49, 410-440.	0.2	0
67	Triazatriangulene platform for self-assembled monolayers of free-standing diarylethene. Science China Materials, 2018, 61, 1345-1350.	3.5	9
68	An ammonia detecting mechanism for organic transistors as revealed by their recovery processes. Nanoscale, 2018, 10, 8832-8839.	2.8	25
69	Bilayer Formation vs Molecular Exchange in Organic Heterostructures: Strong Impact of Subtle Changes in Molecular Structure. Journal of Physical Chemistry C, 2018, 122, 9480-9490.	1.5	27
70	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.	7.2	60
71	Mit N-heterocyclischen Carbenen behandelte GoldoberflÃchen in Pentacen-Transistoren: Verbesserte StabilitÃt und Kontakt an der GrenzflÃche. Angewandte Chemie, 2018, 130, 4883-4887.	1.6	16
72	Surface-Assisted Alkane Polymerization: Investigation on Structure–Reactivity Relationship. Journal of the American Chemical Society, 2018, 140, 4820-4825.	6.6	37

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73	Boundary-induced nucleation control: a theoretical perspective. Physical Chemistry Chemical Physics, 2018, 20, 3752-3760.	1.3	0
74	Fast growth of monolayer organic 2D crystals and their application in organic transistors. Organic Electronics, 2018, 58, 38-45.	1.4	14
75	Hierarchical Dehydrogenation Reactions on a Copper Surface. Journal of the American Chemical Society, 2018, 140, 6076-6082.	6.6	53
76	Improving the performance of TIPS-pentacene thin film transistors via interface modification. Chemical Research in Chinese Universities, 2018, 34, 151-154.	1.3	6
77	Metallophthalocyanine-Based Molecular Dipole Layer as a Universal and Versatile Approach to Realize Efficient and Stable Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 42397-42405.	4.0	20
78	Advanced colloidal lithography: From patterning to applications. Nano Today, 2018, 22, 36-61.	6.2	120
79	A Facile Approach to Improve Interchain Packing Order and Charge Mobilities by Selfâ€Assembly of Conjugated Polymers on Water. Advanced Science, 2018, 5, 1801497.	5.6	35
80	Structural Evolutions of the Self-Assembled N-Decyldecanamide on Au(111). Journal of Physical Chemistry C, 2018, 122, 22538-22543.	1.5	1
81	High-k Gate Dielectrics for Emerging Flexible and Stretchable Electronics. Chemical Reviews, 2018, 118, 5690-5754.	23.0	530
82	Mechanistic investigations of the Au catalysed Câ€“H bond activations in on-surface synthesis. Physical Chemistry Chemical Physics, 2018, 20, 15901-15906.	1.3	9
83	Positioning growth of NPB crystalline nanowires on the PTCDA nanocrystal template. Nanoscale, 2018, 10, 10262-10267.	2.8	9
84	Self-assembly directed one-step synthesis of [4]radialene on Cu(100) surfaces. Nature Communications, 2018, 9, 3113.	5.8	41
85	Locally Induced Spin States on Graphene by Chemical Attachment of Boron Atoms. Nano Letters, 2018, 18, 5482-5487.	4.5	18
86	Symmetry breakdown of 4,4â€³-diamino-p-terphenyl on a Cu(111) surface by lattice mismatch. Nature Communications, 2018, 9, 3277.	5.8	32
87	Interface electronic property of organic/organic heterostructure visualized via kelvin probe force microscopy. Organic Electronics, 2018, 61, 383-388.	1.4	2
88	Deprotonation-Induced Phase Evolutions in Co-Assembled Molecular Structures. Langmuir, 2018, 34, 7852-7858.	1.6	19
89	Tunable random lasing behavior in plasmonic nanostructures. Nano Convergence, 2017, 4, 1.	6.3	54
90	Imparting Catalytic Activity to a Covalent Organic Framework Material by Nanoparticle Encapsulation. ACS Applied Materials & Interfaces, 2017, 9, 7481-7488.	4.0	157

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91	Chemical bond imaging using higher eigenmodes of tuning fork sensors in atomic force microscopy. Applied Physics Letters, 2017, 110, .	1.5	20
92	A new on-surface synthetic pathway to 5-armchair graphene nanoribbons on Cu(111) surfaces. Faraday Discussions, 2017, 204, 297-305.	1.6	12
93	Tunable control efficiency of patterned nucleation by post-annealing. Journal of Materials Chemistry C, 2017, 5, 6672-6676.	2.7	4
94	Fabrication of 3D biomimetic composite coating with broadband antireflection, superhydrophilicity, and double p-n heterojunctions. Nano Research, 2017, 10, 2377-2385.	5.8	38
95	Lasing behavior of surface functionalized carbon quantum dot/RhB composites. Nanoscale, 2017, 9, 5049-5054.	2.8	21
96	Stepâ€Edge Assisted Direct Linear Alkane Coupling. Chemistry - A European Journal, 2017, 23, 6185-6189.	1.7	26
97	Efficient PbS quantum dot solar cells employing a conventional structure. Journal of Materials Chemistry A, 2017, 5, 23960-23966.	5.2	104
98	Stamp recyclable contact printing of liquid droplet matrix on various surfaces. Journal of Materials Chemistry C, 2017, 5, 10971-10975.	2.7	3
99	Supramolecular effects in self-assembled monolayers: general discussion. Faraday Discussions, 2017, 204, 123-158.	1.6	2
100	Quasi-Layer-by-Layer Growth of Pentacene on HOPG and Au Surfaces. Journal of Physical Chemistry C, 2017, 121, 25043-25051.	1.5	4
101	Preparing macromolecular systems on surfaces: general discussion. Faraday Discussions, 2017, 204, 395-418.	1.6	0
102	Supramolecular systems at liquidâ€“solid interfaces: general discussion. Faraday Discussions, 2017, 204, 271-295.	1.6	2
103	Highâ€Performance Bottomâ€Contact Organic Thinâ€Film Transistors by Improving the Lateral Contact. Advanced Electronic Materials, 2017, 3, 1700128.	2.6	12
104	Modulating the Spatial Electrostatic Potential for 1D Colloidal Nanoparticles Assembly. Advanced Materials Interfaces, 2017, 4, 1700505.	1.9	12
105	An Ultrasensitive Organic Semiconductor NO₂ Sensor Based on Crystalline TIPSâ€Pentacene Films. Advanced Materials, 2017, 29, 1703192.	11.1	158
106	Micro organic light-emitting diodes fabricated through area-selective growth. Materials Chemistry Frontiers, 2017, 1, 2606-2612.	3.2	10
107	Foreign Particle Promoted Crystalline Nucleation for Growing Highâ€Quality Ultrathin Rubrene Films. Small, 2016, 12, 4086-4092.	5.2	10
108	Investigation into the Sensing Process of Highâ€Performance H₂S Sensors Based on Polymer Transistors. Chemistry - A European Journal, 2016, 22, 3654-3659.	1.7	37

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109	Structural Variation in Surface-Supported Synthesis by Adjusting the Stoichiometric Ratio of the Reactants. ACS Nano, 2016, 10, 4228-4235.	7.3	55
110	Carbohydrate-Assisted Combustion Synthesis To Realize High-Performance Oxide Transistors. Journal of the American Chemical Society, 2016, 138, 7067-7074.	6.6	61
111	Titanium Oxide/Silicon Moth-Eye Structures with Antireflection, pâ€“n Heterojunctions, and Superhydrophilicity. Langmuir, 2016, 32, 10719-10724.	1.6	26
112	Photo-generated charge behaviors in all-polymer solar cells studied by Kelvin probe force microscopy. Organic Electronics, 2016, 39, 38-42.	1.4	6
113	Branch Suppression and Orientation Control of Langmuirâ€“Blodgett Patterning on Prestructured Surfaces. Advanced Materials Interfaces, 2016, 3, 1600478.	1.9	10
114	Two-Dimensional Chirality Transfer via On-Surface Reaction. Journal of the American Chemical Society, 2016, 138, 11743-11748.	6.6	34
115	Growth of Highly Oriented Ultrathin Crystalline Organic Microstripes: Effect of Alkyl Chain Length. Langmuir, 2016, 32, 9109-9117.	1.6	11
116	Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography. Small, 2016, 12, 5818-5825.	5.2	25
117	Kilohertz organic complementary inverters driven by surface-grafting conducting polypyrrole electrodes. Solid-State Electronics, 2016, 123, 51-57.	0.8	6
118	Goldâ€“Organic Hybrids: Onâ€Surface Synthesis and Perspectives. Advanced Materials, 2016, 28, 10492-10498.	11.1	30
119	Seeing Down to the Bottom: Nondestructive Inspection of Allâ€Polymer Solar Cells by Kelvin Probe Force Microscopy. Advanced Materials Interfaces, 2016, 3, 1600446.	1.9	13
120	Catalytic Dealkylation of Ethers to Alcohols on Metal Surfaces. Angewandte Chemie - International Edition, 2016, 55, 9881-9885.	7.2	23
121	Catalytic Dealkylation of Ethers to Alcohols on Metal Surfaces. Angewandte Chemie, 2016, 128, 10035-10039.	1.6	9
122	Plasmonic Nanoparticles: Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography (Small 42/2016). Small, 2016, 12, 5817-5817.	5.2	2
123	Area confined position control of molecular aggregates. New Journal of Physics, 2016, 18, 053006.	1.2	13
124	Controlled Growth of Ultrathin Film of Organic Semiconductors by Balancing the Competitive Processes in Dip-Coating for Organic Transistors. Langmuir, 2016, 32, 6246-6254.	1.6	48
125	Electrical gas sensors based on structured organic ultra-thin films and nanocrystals on solid state substrates. Nanoscale Horizons, 2016, 1, 383-393.	4.1	48
126	Recent Advances in TiO₂â€Based Nanostructured Surfaces with Controllable Wettability and Adhesion. Small, 2016, 12, 2203-2224.	5.2	278

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127	Metal-Mediated Assembly of 1,N⁶-Ethenoadenine: From Surfaces to DNA Duplexes. Inorganic Chemistry, 2016, 55, 7041-7050.	1.9	36
128	Solutionâ€Processed Allâ€Oxide Transparent Highâ€Performance Transistors Fabricated by Sprayâ€Combustion Synthesis. Advanced Electronic Materials, 2016, 2, 1500427.	2.6	101
129	Fast patterning of oriented organic microstripes for field-effect ammonia gas sensors. Nanoscale, 2016, 8, 3954-3961.	2.8	23
130	Spectral plasmonic effect in the nano-cavity of dye-doped nanosphere-based photonic crystals. Nanotechnology, 2016, 27, 165703.	1.3	12
131	Surface-Controlled Mono/Diselective ortho Câ€“H Bond Activation. Journal of the American Chemical Society, 2016, 138, 2809-2814.	6.6	120
132	Enabling Light Work in Helical Self-Assembly for Dynamic Amplification of Chirality with Photoreversibility. Journal of the American Chemical Society, 2016, 138, 2219-2224.	6.6	142
133	Phase Transitions: Concentrationâ€Controlled Reversible Phase Transitions in Selfâ€Assembled Monolayers on HOPG Surfaces (Small 19/2015). Small, 2015, 11, 2222-2222.	5.2	0
134	Enhanced Charge Injection Through Nanostructured Electrodes for Organic Field Effect Transistors. Advanced Functional Materials, 2015, 25, 3855-3859.	7.8	27
135	Building chessboard-like supramolecular structures on Au(111) surfaces. Nanotechnology, 2015, 26, 385601.	1.3	7
136	Linear Alkane Cï£¿C Bond Chemistry Mediated by Metal Surfaces. ChemPhysChem, 2015, 16, 1356-1360.	1.0	12
137	Optimizing the Volmer Step by Single-Layer Nickel Hydroxide Nanosheets in Hydrogen Evolution Reaction of Platinum. ACS Catalysis, 2015, 5, 3801-3806.	5.5	142
138	Monolayer-Mediated Growth of Organic Semiconductor Films with Improved Device Performance. Langmuir, 2015, 31, 9748-9761.	1.6	16
139	Addressable growth of oriented organic semiconductor ultra-thin films on hydrophobic surface by direct dip-coating. Organic Electronics, 2015, 24, 170-175.	1.4	33
140	Fabrication and origin of high-k carbon nanotube/epoxy composites with low dielectric loss through layer-by-layer casting technique. Carbon, 2015, 85, 28-37.	5.4	82
141	Tadpole-like artificial micromotor. Nanoscale, 2015, 7, 2276-2280.	2.8	25
142	Concentrationâ€Controlled Reversible Phase Transitions in Selfâ€Assembled Monolayers on HOPG Surfaces. Small, 2015, 11, 2284-2290.	5.2	34
143	Synthesis of Surface Covalent Organic Frameworks via Dimerization and Cyclotrimerization of Acetyls. Journal of the American Chemical Society, 2015, 137, 4904-4907.	6.6	98
144	On-Surface Synthesis of Rylene-Type Graphene Nanoribbons. Journal of the American Chemical Society, 2015, 137, 4022-4025.	6.6	278

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145	Fabricating sub-100nm conducting polymer nanowires by edge nanoimprint lithography. Journal of Colloid and Interface Science, 2015, 458, 300-304.	5.0	14
146	Patterning rubrene crystalline thin films for sub-micrometer channel length field-effect transistor arrays. Journal of Materials Chemistry C, 2014, 2, 9359-9363.	2.7	7
147	Controllable and Facile Fabrication of Gold Nanostructures for Selective Metalâ€Assisted Etching of Silicon. Small, 2014, 10, 2451-2458.	5.2	16
148	Spatially Confined Assembly of Nanoparticles. Accounts of Chemical Research, 2014, 47, 3009-3017.	7.6	98
149	Surface Supported Goldâ€"Organic Hybrids: Onâ€Surface Synthesis and Surface Directed Orientation. Small, 2014, 10, 1361-1368.	5.2	62
150	Thymine and Adenine Tetrads Formed on Anisotropic Metal Surfaces. Small, 2014, 10, 265-270.	5.2	7
151	Tunable Organic Heteroâ€Patterns via Molecule Diffusion Control. Small, 2014, 10, 3045-3049.	5.2	6
152	Phase Behavior and Molecular Packing of Octadecyl Phenols and their Methyl Ethers at the Air/Water Interface. Langmuir, 2014, 30, 5780-5789.	1.6	11
153	Controllable wettability and adhesion on bioinspired multifunctional TiO₂ nanostructure surfaces for liquid manipulation. Journal of Materials Chemistry A, 2014, 2, 18531-18538.	5.2	84
154	Surface Microfluidic Patterning and Transporting Organic Small Molecules. Small, 2014, 10, 2549-2552.	5.2	10
155	Molecular Composition, Grafting Density and Film Area Affect the Swelling-Induced Auâ€"S Bond Breakage. ACS Applied Materials & Interfaces, 2014, 6, 8313-8319.	4.0	13
156	Step-edge induced area selective growth: a kinetic Monte Carlo study. RSC Advances, 2014, 4, 25005-25010.	1.7	6
157	Simulation Modeling of Supported Lipid Membranes â€" A Review. Current Topics in Medicinal Chemistry, 2014, 14, 617-623.	1.0	7
158	Topographic effect on human induced pluripotent stem cells differentiation towards neuronal lineage. Biomaterials, 2013, 34, 8131-8139.	5.7	108
159	Bioinspired Patterning with Extreme Wettability Contrast on TiO₂ Nanotube Array Surface: A Versatile Platform for Biomedical Applications. Small, 2013, 9, 2945-2953.	5.2	159
160	Growth of Ultrathin Organic Semiconductor Microstripes with Thickness Control in the Monolayer Precision. Angewandte Chemie - International Edition, 2013, 52, 12530-12535.	7.2	92
161	Nanotube Arrays: Bioinspired Patterning with Extreme Wettability Contrast on TiO2Nanotube Array Surface: A Versatile Platform for Biomedical Applications (Small 17/2013). Small, 2013, 9, 3004-3004.	5.2	0
162	Temperature-Dependent Self-Assembly of Adenine Derivative on HOPG. Langmuir, 2013, 29, 10737-10743.	1.6	16

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163	Bio-inspired antireflective hetero-nanojunctions with enhanced photoactivity. Nanoscale, 2013, 5, 12383.	2.8	39
164	Influence of self-assembled monolayers on the growth and crystallization of rubrene films: a molecular dynamics study. RSC Advances, 2013, 3, 15404.	1.7	8
165	Biomimetic Antireflective Silicon Nanocones Array for Small Molecules Analysis. Journal of the American Society for Mass Spectrometry, 2013, 24, 66-73.	1.2	32
166	AFM-based Force Spectroscopy on Polystyrene Brushes: Effect of Brush Thickness on Protein Adsorption. Langmuir, 2013, 29, 1850-1856.	1.6	18
167	Growth of rubrene crystalline thin films using thermal annealing on DPPC LB monolayer. Organic Electronics, 2013, 14, 2534-2539.	1.4	20
168	Addressable Organic Structure by Anisotropic Wetting. Advanced Materials, 2013, 25, 2018-2023.	11.1	17
169	In Situ Surfaceâ€Modificationâ€Induced Superhydrophobic Patterns with Reversible Wettability and Adhesion. Advanced Materials, 2013, 25, 1682-1686.	11.1	249
170	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. Nano Research, 2013, 6, 159-166.	5.8	75
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