

Yanlian Yang

List of Publications by Year in descending order

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166
papers

8,370
citations

71004

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56606

87
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all docs

170
docs citations

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times ranked

15205
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterochirality-Mediated Cross-Strand Nested Hydrophobic Interaction Effects Manifested in Surface-Bound Peptide Assembly Structures. <i>Journal of Physical Chemistry B</i> , 2022, 126, 723-733.	1.2	2
2	Machine Learning-Assisted Dual-Marker Detection in Serum Small Extracellular Vesicles for the Diagnosis and Prognosis Prediction of Non-Small Cell Lung Cancer. <i>Nanomaterials</i> , 2022, 12, 809.	1.9	5
3	Prognostic Relevance of Estrogen Receptor Status in Circulating Tumor Cells in Breast Cancer Patients Treated With Endocrine Therapy. <i>Frontiers in Oncology</i> , 2022, 12, 866293.	1.3	4
4	Poroptosis: A form of cell death depending on plasma membrane nanopores formation. <i>IScience</i> , 2022, 25, 104481.	1.9	6
5	A nucleus-targeting peptide antagonist towards EZH2 displays therapeutic efficacy for lung cancer. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121894.	2.6	5
6	Peptide-directed delivery of drug-loaded nanocarriers targeting CD36 overexpressing cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125970.	2.3	5
7	Versatile Biosensing Toolkit Using an Electronic Particle Counter. <i>Analytical Chemistry</i> , 2021, 93, 6178-6187.	3.2	20
8	Quantitative Nanomechanical Analysis of Small Extracellular Vesicles for Tumor Malignancy Indication. <i>Advanced Science</i> , 2021, 8, e2100825.	5.6	28
9	Synthetic Neutralizing Peptides Inhibit the Host Cell Binding of Spike Protein and Block Infection of SARS-CoV-2. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14887-14894.	2.9	11
10	Molecular recognition of human islet amyloid polypeptide assembly by selective oligomerization of thioflavin T. <i>Science Advances</i> , 2020, 6, eabc1449.	4.7	14
11	Efficient isolation and quantification of circulating tumor cells in non-small cell lung cancer patients using peptide-functionalized magnetic nanoparticles. <i>Journal of Thoracic Disease</i> , 2020, 12, 4262-4273.	0.6	17
12	Self-Assembled Peptide Nanofibrils Designed to Release Membrane-Lysing Antimicrobial Peptides. <i>ACS Applied Bio Materials</i> , 2020, 3, 3648-3655.	2.3	19
13	Molecular Studies of Peptide Assemblies and Related Applications in Tumor Therapy and Diagnosis. , 2020, , 255-286.		0
14	Modulation of β -amyloid aggregation by graphene quantum dots. <i>Royal Society Open Science</i> , 2019, 6, 190271.	1.1	20
15	Steric Dependence of Chirality Effect in Surface-Mediated Peptide Assemblies Identified with Scanning Tunneling Microscopy. <i>Nano Letters</i> , 2019, 19, 5403-5409.	4.5	9
16	Identifying Terminal Assembly Propensity of Amyloidal Peptides by Scanning Tunneling Microscopy. <i>ChemPhysChem</i> , 2019, 20, 103-107.	1.0	4
17	Vacuum-tuned-atmosphere induced assembly of Au@Ag core/shell nanocubes into multi-dimensional superstructures and the ultrasensitive IAPP proteins SERS detection. <i>Nano Research</i> , 2019, 12, 1375-1379.	5.8	16
18	Peptide-Polyphenol (KLVFF/EGCG) Binary Modulators for Inhibiting Aggregation and Neurotoxicity of Amyloid- β Peptide. <i>ACS Omega</i> , 2019, 4, 4233-4242.	1.6	18

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19	Peptide conformation and oligomerization characteristics of surface-mediated assemblies revealed by molecular dynamics simulations and scanning tunneling microscopy. <i>RSC Advances</i> , 2019, 9, 41345-41350.	1.7	6
20	Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles. <i>Advanced Materials</i> , 2019, 31, e1805344.	11.1	81
21	Principles of Inter-Amino-Acid Recognition Revealed by Binding Energies between Homogeneous Oligopeptides. <i>ACS Central Science</i> , 2019, 5, 97-108.	5.3	22
22	Peptide Self-Assembly and Its Modulation: Imaging on the Nanoscale. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1174, 35-60.	0.8	5
23	Dynamic change of PD-L1 expression on circulating tumor cells in advanced solid tumor patients undergoing PD-1 blockade therapy. <i>Oncotmmunology</i> , 2018, 7, e1438111.	2.1	119
24	Probing Molecular Basis for Constructing Interface Bionanostructures. <i>Topics in Catalysis</i> , 2018, 61, 1125-1138.	1.3	0
25	Dual effect of PEG-PE micelle over the oligomerization and fibrillation of human islet amyloid polypeptide. <i>Scientific Reports</i> , 2018, 8, 4463.	1.6	17
26	Site-specific determination of TTR-related functional peptides by using scanning tunneling microscopy. <i>Nano Research</i> , 2018, 11, 577-585.	5.8	7
27	Thermal Stability of Bulk Heterojunction Photovoltaics Revealed by Electrical Scanning Probe Microscopy. , 2018, , .		0
28	Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbead-Assisted Flow Cytometry Detection of Tumor-Derived Extracellular Vesicles. <i>Small Methods</i> , 2018, 2, 1800122.	4.6	20
29	Sharp-featured Au@Ag core/shell nanocuboid synthesis and the label-free ultrasensitive SERS detection of protein single-point mutations. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1720-1724.	3.2	6
30	Single-molecule insights into surface-mediated homochirality in hierarchical peptide assembly. <i>Nature Communications</i> , 2018, 9, 2711.	5.8	14
31	Stabilization Effect of Amino Acid Side Chains in Peptide Assemblies on Graphite Studied by Scanning Tunneling Microscopy. <i>ChemPhysChem</i> , 2017, 18, 926-934.	1.0	8
32	Studies on Composition and Sequence Effects in Surface-Mediated Octapeptide Assemblies by Using Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10364-10369.	1.5	5
33	Peptide-binding induced inhibition of chemokine CXCL12. <i>RSC Advances</i> , 2017, 7, 21298-21307.	1.7	2
34	Interfacial assembly structures and nanotribological properties of saccharic acids. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1236-1243.	1.3	6
35	Peptide-Functionalized Nanomaterials for the Efficient Isolation of HER2-Positive Circulating Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18423-18428.	4.0	47
36	Attenuation of β -Amyloid Toxicity In Vitro and In Vivo by Accelerated Aggregation. <i>Neuroscience Bulletin</i> , 2017, 33, 405-412.	1.5	12

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37	Unraveling the roles of CD44/CD24 and ALDH1 as cancer stem cell markers in tumorigenesis and metastasis. <i>Scientific Reports</i> , 2017, 7, 13856.	1.6	317
38	Self-assembled chiral nanostructures of amphiphilic peptide: from single molecule to aggregate. <i>Journal of Peptide Science</i> , 2017, 23, 803-809.	0.8	8
39	Nanoscale Electric Characteristics and Oriented Assembly of <i>Halobacterium salinarum</i> Membrane Revealed by Electric Force Microscopy. <i>Nanomaterials</i> , 2016, 6, 197.	1.9	2
40	Dual-affinity peptide mediated inter-protein recognition. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11342-11346.	1.5	6
41	Charge-Pattern Indicated Relaxation Dynamics and Glass Transition of Polymer Thin Films Studied by Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12157-12162.	1.5	3
42	Peptide recognition by functional supramolecular nanopores with complementary size and binding sites. <i>Nano Research</i> , 2016, 9, 1452-1459.	5.8	8
43	Synergistic Inhibitory Effect of Peptide-Organic Coassemblies on Amyloid Aggregation. <i>ACS Nano</i> , 2016, 10, 4143-4153.	7.3	47
44	Lattice modulation effect of liquid-solid interface on peptide assemblies. <i>Surface Science</i> , 2016, 649, 34-38.	0.8	8
45	Atom-Thin SnS ₂ with Adjustable Compositions by Direct Liquid Exfoliation from Single Crystals. <i>ACS Nano</i> , 2016, 10, 755-762.	7.3	39
46	Large Electric Field-Enhanced Hardness Effect in a SiO ₂ Film. <i>Scientific Reports</i> , 2015, 4, 4523.	1.6	7
47	Improving chemotherapeutic efficiency in acute myeloid leukemia treatments by chemically synthesized peptide interfering with CXCR4/CXCL12 axis. <i>Scientific Reports</i> , 2015, 5, 16228.	1.6	34
48	A designed peptide targeting CXCR4 displays anti-acute myelocytic leukemia activity in vitro and in vivo. <i>Scientific Reports</i> , 2015, 4, 6610.	1.6	36
49	Site-specific Analysis of Amyloid Assemblies by Using Scanning Tunneling Microscopy. <i>Chinese Journal of Chemistry</i> , 2015, 33, 24-34.	2.6	6
50	A self-assembled nanopatch with peptide-organic multilayers and mechanical properties. <i>Nanoscale</i> , 2015, 7, 2250-2254.	2.8	13
51	Temperature-triggered chemical switching growth of in-plane and vertically stacked graphene-boron nitride heterostructures. <i>Nature Communications</i> , 2015, 6, 6835.	5.8	191
52	Identification of Core Segment of Amyloid Peptide Mediated by Chaperone Molecules by using Scanning Tunneling Microscopy. <i>ChemPhysChem</i> , 2015, 16, 2995-2999.	1.0	9
53	Nanoscale structural and electronic evolution for increased efficiency in polymer solar cells monitored by electric scanning probe microscopy. <i>Science Bulletin</i> , 2014, 59, 360-368.	1.7	2
54	Rationalization of the Selectivity in the Optimization of Processing Conditions for High-Performance Polymer Solar Cells Based on the Polymer Self-Assembly Ability. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29473-29481.	1.5	7

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55	An ALS-mutant TDP-43 neurotoxic peptide adopts an anti-parallel β^2 -structure and induces TDP-43 redistribution. <i>Human Molecular Genetics</i> , 2014, 23, 6863-6877.	1.4	48
56	Switchable supramolecular assemblies on graphene. <i>Nanoscale</i> , 2014, 6, 8387-8391.	2.8	32
57	Direct electrochemical and AFM detection of amyloid- β^2 peptide aggregation on basal plane HOPG. <i>Nanoscale</i> , 2014, 6, 7853-7857.	2.8	41
58	Transformation of β^2 -sheet structures of the amyloid peptide induced by molecular modulators. <i>Chemical Communications</i> , 2014, 50, 8923-8926.	2.2	22
59	Molecular Tethering Effect of C-Terminus of Amyloid Peptide A β^2 42. <i>ACS Nano</i> , 2014, 8, 9503-9510.	7.3	32
60	Comparative Method To Quantify Dielectric Constant at Nanoscale Using Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5556-5562.	1.5	12
61	Rational Design of Ternary-Phase Polymer Solar Cells by Controlling Polymer Phase Separation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10552-10559.	1.5	16
62	Peptide-based isolation of circulating tumor cells by magnetic nanoparticles. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4080-4088.	2.9	85
63	Nanostructure-induced DNA condensation. <i>Nanoscale</i> , 2013, 5, 8288.	2.8	48
64	Differentiating Amino Acid Residues and Side Chain Orientations in Peptides Using Scanning Tunneling Microscopy. <i>Journal of the American Chemical Society</i> , 2013, 135, 18528-18535.	6.6	33
65	High Transfection Efficiency of Homogeneous DNA Nanoparticles Induced by Imidazolium Gemini Surfactant as Nonviral Vector. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26573-26581.	1.5	36
66	Charge-induced local dewetting on polymer electrets studied by atomic force microscopy. <i>Soft Matter</i> , 2013, 9, 9702.	1.2	6
67	A material combination principle for highly efficient polymer solar cells investigated by mesoscopic phase heterogeneity. <i>Nanoscale</i> , 2013, 5, 11649.	2.8	11
68	Graphene oxide assisted synthesis of GaN nanostructures for reducing cell adhesion. <i>Nanoscale</i> , 2013, 5, 11019.	2.8	12
69	A facile strategy to enhance the fill factor of ternary blend solar cells by increasing charge carrier mobility. <i>New Journal of Chemistry</i> , 2013, 37, 1728.	1.4	18
70	Characterization of β^2 -domains in C-terminal fragments of TDP-43 by scanning tunneling microscopy. <i>Journal of Structural Biology</i> , 2013, 181, 11-16.	1.3	24
71	Sequence Effects on Peptide Assembly Characteristics Observed by Using Scanning Tunneling Microscopy. <i>Journal of the American Chemical Society</i> , 2013, 135, 2181-2187.	6.6	50
72	Nanomaterials for Reducing Amyloid Cytotoxicity. <i>Advanced Materials</i> , 2013, 25, 3780-3801.	11.1	165

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73	Stimuli-responsive self-assembling peptides made from antibacterial peptides. <i>Nanoscale</i> , 2013, 5, 6413.	2.8	70
74	The effect of graphene oxide on conformation change, aggregation and cytotoxicity of HIV-1 regulatory protein (Vpr). <i>Biomaterials</i> , 2013, 34, 1383-1390.	5.7	46
75	Determination of the Surface Charge Density and Temperature Dependence of Purple Membrane by Electric Force Microscopy. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9895-9899.	1.2	8
76	Single-molecule studies on individual peptides and peptide assemblies on surfaces. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120311.	1.6	15
77	Nanotechnology of Circulating Tumor Cell Enrichment and Detection. <i>Acta Agronomica Sinica(China)</i> , 2013, 40, 955.	0.1	0
78	Observation of Microscale Superlubricity in Graphite. <i>Physical Review Letters</i> , 2012, 108, 205503.	2.9	431
79	Bridging mesoscopic blend structure and property to macroscopic device performance via in situ optoelectronic characterization. <i>Journal of Materials Chemistry</i> , 2012, 22, 4349.	6.7	10
80	l-3,4-dihydroxyphenylalanine-collagen modified PDMS surface for controlled cell culture. <i>Journal of Materials Chemistry</i> , 2012, 22, 10763.	6.7	20
81	Functionalization of two-component molecular networks: recognition of Fe ³⁺ . <i>Nanoscale</i> , 2012, 4, 148-151.	2.8	30
82	Evolution of polymer photovoltaic performances from subtle chemical structure variations. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 15127.	1.3	7
83	Observation of molecular inhibition and binding structures of amyloid peptides. <i>Nanoscale</i> , 2012, 4, 1895.	2.8	39
84	Odd-Even Sequence Effect of Surface-Mediated Peptide Assemblies Observed by Scanning Tunneling Microscopy. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1987-1991.	2.6	8
85	Study on Molecular Cavity of Oligoamide Macrocycles by Using Scanning Tunneling Microscopy. <i>ChemPhysChem</i> , 2012, 13, 3598-3604.	1.0	7
86	DNA compaction to multi-molecular DNA condensation induced by cationic imidazolium gemini surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 414, 33-40.	2.3	55
87	Sequential assembly of metal-free phthalocyanine on few-layer epitaxial graphene mediated by thickness-dependent surface potential. <i>Nano Research</i> , 2012, 5, 543-549.	5.8	6
88	Electrowetting Phenomenon on Nanostructured Surfaces Studied by Using Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14311-14317.	1.5	10
89	Facet-Mediated Photodegradation of Organic Dye over Hematite Architectures by Visible Light. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 178-182.	7.2	258
90	Binding of blood proteins to carbon nanotubes reduces cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16968-16973.	3.3	839

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91	Molecular level studies on binding modes of labeling molecules with polyaniline peptides. <i>Nanoscale</i> , 2011, 3, 1592.	2.8	13
92	Influence of block sequences in polymer vectors for gene transfection in vitro and toxicity assessment of zebrafish embryos in vivo. <i>Journal of Materials Chemistry</i> , 2011, 21, 4538.	6.7	10
93	Determination of relative binding affinities of labeling molecules with amino acids by using scanning tunneling microscopy. <i>Chemical Communications</i> , 2011, 47, 10638.	2.2	17
94	Building layer-by-layer 3D supramolecular nanostructures at the terephthalic acid/stearic acid interface. <i>Chemical Communications</i> , 2011, 47, 9155.	2.2	13
95	Peptide-tailored assembling of Aunanorods. <i>Chemical Communications</i> , 2011, 47, 5482-5484.	2.2	14
96	Nanoscale Electrowetting Effects Observed by Using Friction Force Microscopy. <i>Langmuir</i> , 2011, 27, 7603-7608.	1.6	9
97	An ALS-associated mutation affecting TDP-43 enhances protein aggregation, fibril formation and neurotoxicity. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 822-830.	3.6	265
98	Transformation of Self-Assembled Structure by the Addition of Active Reactant. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6540-6544.	1.5	32
99	Strong Aggregation and Directional Assembly of Aromatic Oligoamide Macrocycles. <i>Journal of the American Chemical Society</i> , 2011, 133, 18590-18593.	6.6	94
100	Beta structure motifs of islet amyloid polypeptides identified through surface-mediated assemblies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19605-19610.	3.3	66
101	Observation of Reduced Cytotoxicity of Aggregated Amyloidogenic Peptides with Chaperone-like Molecules. <i>ACS Nano</i> , 2011, 5, 6001-6007.	7.3	45
102	Binding Modes of Thioflavin T Molecules to Prion Peptide Assemblies Identified by Using Scanning Tunneling Microscopy. <i>ACS Chemical Neuroscience</i> , 2011, 2, 281-287.	1.7	37
103	Fabrication of Nanoporous Networks with Tunable Triangular Cavities with a Molecular Template. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10207-10210.	0.9	0
104	Combined SPM Investigation on the Interfacial Structure of a Phthalocyanine/Conjugated Polymer Composite Film. <i>Langmuir</i> , 2011, 27, 3496-3501.	1.6	4
105	Protein photoimmobilizations on the surface of quartz glass simply mediated by benzophenone. <i>Applied Surface Science</i> , 2011, 257, 7415-7421.	3.1	10
106	The Interaction of Serum Proteins with Carbon Nanotubes Depend on the Physicochemical Properties of Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10102-10110.	0.9	49
107	Molecularly tuned peptide assemblies at the liquid/solid interface studied by scanning tunneling microscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11683.	1.3	8
108	Pharmacological and toxicological target organelles and safe use of single-walled carbon nanotubes as drug carriers in treating Alzheimer disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 427-441.	1.7	258

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109	Polymeric effects on DNA condensation by cationic polymers observed by atomic force microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 230-238.	2.5	17
110	Characterization and Application of Self-Assembly Porphyrin with Four "Clips" on Gold Surface. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12320-12324.	1.5	17
111	Visible Light Induced Photocatalytic Degradation of Rhodamine B on One-Dimensional Iron Oxide Particles. <i>Journal of Physical Chemistry C</i> , 2010, 114, 17051-17061.	1.5	222
112	Porous γ -Fe ₂ O ₃ nanostructures with branched topology: growth, formation mechanism, and properties. <i>CrystEngComm</i> , 2010, 12, 1842.	1.3	45
113	Straight and Branched Goethite Topology by Oriented Attachment at High pH. <i>Crystal Growth and Design</i> , 2010, 10, 504-509.	1.4	20
114	Single Molecule Studies of Cyclic Peptides Using Molecular Matrix at Liquid/Solid Interface by Scanning Tunneling Microscopy. <i>Langmuir</i> , 2010, 26, 16305-16311.	1.6	14
115	Anisotropic growth of multi-twinned goethite particles by oriented aggregation. <i>CrystEngComm</i> , 2010, 12, 4007.	1.3	10
116	Molecular arrays formed in anisotropically rearranged supramolecular network with molecular substitutional asymmetry. <i>Journal of Materials Chemistry</i> , 2010, 20, 9100.	6.7	24
117	Electric-Field-Induced Alignment of Charged Organic Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1066-1070.	0.9	1
118	Solvent effects on two-dimensional molecular self-assemblies investigated by using scanning tunneling microscopy. <i>Current Opinion in Colloid and Interface Science</i> , 2009, 14, 135-147.	3.4	143
119	Identification of molecular flipping of an asymmetric tris(phthalocyaninato) lutetium triple-decker complex by scanning tunneling microscopy/spectroscopy. <i>Nano Research</i> , 2009, 2, 235-241.	5.8	6
120	Influence of asymmetric adsorption on electronic states of molecule studied by scanning tunneling microscopy and spectroscopy. <i>Chemical Physics Letters</i> , 2009, 474, 132-136.	1.2	4
121	Molecular-Level Evidence of the Surface-Induced Transformation of Peptide Structures Revealed by Scanning Tunneling Microscopy. <i>Langmuir</i> , 2009, 25, 8849-8853.	1.6	54
122	Nanoscale Electrowetting Effects Studied by Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 661-665.	1.5	12
123	Quantifying Surface Charge Density by Using an Electric Force Microscope with a Referential Structure. <i>Journal of Physical Chemistry C</i> , 2009, 113, 204-207.	1.5	36
124	Structural characteristics of the beta-sheet-like human and rat islet amyloid polypeptides as determined by scanning tunneling microscopy. <i>Journal of Structural Biology</i> , 2009, 167, 209-215.	1.3	37
125	Amyloid β (1-42) Folding Multiplicity and Single-Molecule Binding Behavior Studied with STM. <i>Journal of Molecular Biology</i> , 2009, 388, 894-901.	2.0	58
126	Chaperon-Mediated Single Molecular Approach Toward Modulating $\text{A}\beta$ Peptide Aggregation. <i>Nano Letters</i> , 2009, 9, 4066-4072.	4.5	80

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127	The nanofabrication of polydimethylsiloxane using a focused ion beam. <i>Nanotechnology</i> , 2009, 20, 145301.	1.3	10
128	Two-dimensional rigid molecular network with elastic boundaries for constructing hybrid molecular assemblies. <i>Journal of Materials Chemistry</i> , 2009, 19, 1490.	6.7	7
129	Hierarchical construction of self-assembled low-dimensional molecular architectures observed by using scanning tunneling microscopy. <i>Chemical Society Reviews</i> , 2009, 38, 2576.	18.7	179
130	Self-Assembly of Nanodonut Structure from a Cone-Shaped Designer Lipid-like Peptide Surfactant. <i>Langmuir</i> , 2009, 25, 4111-4114.	1.6	77
131	Effect of Electrostatic Interactions on Metallophthalocyanine Single Molecular Arrays with ω -Octadecyl Mercaptan Templates. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1152-1155.	0.9	0
132	Molecular Absorptive Behavior of Liquid Crystal Molecular Templates. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1148-1151.	0.9	2
133	Synergistic Effect and Hierarchical Nanostructure Formation in Mixing Two Designer Lipid-like Peptide Surfactants $C_{16}EOH$ and $C_{16}NH_2$. <i>Macromolecular Bioscience</i> , 2008, 8, 1060-1067.	2.1	40
134	Processing Matters: In situ Fabrication of Conducting Polymer Microsensors Enables Ultralow Limit Gas Detection. <i>Advanced Materials</i> , 2008, 20, 2145-2150.	11.1	40
135	Individual Water-filled Single-walled Carbon Nanotubes as Hydroelectric Power Converters. <i>Advanced Materials</i> , 2008, 20, 1772-1776.	11.1	172
136	Electrostatic characteristics of nanostructures investigated using electric force microscopy. <i>Journal of Solid State Chemistry</i> , 2008, 181, 1670-1677.	1.4	30
137	DNA condensation induced by a cationic polymer studied by atomic force microscopy and electrophoresis assay. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 62, 151-156.	2.5	11
138	Patterning of cells on functionalized poly(dimethylsiloxane) surface prepared by hydrophobin and collagen modification. <i>Biosensors and Bioelectronics</i> , 2008, 24, 912-916.	5.3	43
139	Electric Driven Molecular Switching of Asymmetric Tris(phthalocyaninato) Lutetium Triple-Decker Complex at the Liquid/Solid Interface. <i>Nano Letters</i> , 2008, 8, 1836-1843.	4.5	92
140	Molecular miscibility characteristics of self-assembled 2D molecular architectures. <i>Journal of Materials Chemistry</i> , 2008, 18, 2074.	6.7	28
141	Organic-Inorganic Hybrid Aligned by the Ligand-Ligand Hydrogen Bonds by Using Pyridyl-Substituted Oxalamides as the Building Blocks. <i>Crystal Growth and Design</i> , 2008, 8, 869-876.	1.4	28
142	Highly Dense and Perfectly Aligned Single-Walled Carbon Nanotubes Fabricated by Diamond Wire Drawing Dies. <i>Nano Letters</i> , 2008, 8, 1071-1075.	4.5	70
143	Solvent Effects on Supramolecular Networks Formed by Racemic Star-Shaped Oligofluorene Studied by Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2008, 112, 8649-8653.	1.5	56
144	ELECTRIC-FIELD DEPENDENCE OF MOLECULAR CONFORMATIONS OBSERVED BY USING SCANNING TUNNELING MICROSCOPY. <i>Nano</i> , 2008, 03, 83-94.	0.5	0

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145	Alternating-electric-field-enhanced reversible switching of DNA nanocontainers with pH. <i>Nucleic Acids Research</i> , 2007, 35, e33.	6.5	73
146	Matrix-molecule induced chiral enhancement effect of binary supramolecular liquid crystals. <i>Journal of Materials Chemistry</i> , 2007, 17, 4699.	6.7	22
147	Multi-component supramolecular assembly structures studied by scanning tunnelling microscopy. <i>International Journal of Nanotechnology</i> , 2007, 4, 4.	0.1	9
148	Biocompatible Hydrophilic Modifications of Poly(dimethylsiloxane) Using Self-Assembled Hydrophobins. <i>Chemistry of Materials</i> , 2007, 19, 3227-3231.	3.2	45
149	A General Approach to Chemical Modification of Single-Walled Carbon Nanotubes with Peroxy Organic Acids and Its Application in Polymer Grafting. <i>Journal of Physical Chemistry C</i> , 2007, 111, 2379-2385.	1.5	20
150	NaOH Concentration Effect on the Oriented Attachment Growth Kinetics of ZnS. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5290-5294.	1.2	32
151	Identification of a Peripheral Substitution Symmetry Effect in Self-Assembled Architectures. <i>ChemPhysChem</i> , 2007, 8, 2615-2620.	1.0	19
152	Two methods for glass surface modification and their application in protein immobilization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 60, 243-249.	2.5	103
153	Effects of intermolecular interactions on the controlled assembly of organic monolayers: an STM study. <i>Surface and Interface Analysis</i> , 2006, 38, 1039-1046.	0.8	12
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