Yimin Zou

List of Publications by Year
in descending order

186	5,723	87401 40	111975 67
papers	citations	h-index	g-index

189	189	189	8456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perturbation effect of single polar group substitution on the Self-Association of amphiphilic peptide helices. Journal of Colloid and Interface Science, 2022, 610, 1005-1014.	5.0	2
2	Bioinspired Artificial Photosynthetic Systems. Chemistry - A European Journal, 2022, 28, .	1.7	9
3	Magnet-assisted electrochemical immunosensor based on surface-clean Pd-Au nanosheets for sensitive detection of SARS-CoV-2 spike protein. Electrochimica Acta, 2022, 404, 139766.	2.6	26
4	Photoresponsive DNA materials and their applications. Chemical Society Reviews, 2022, 51, 720-760.	18.7	48
5	Heterochirality-Mediated Cross-Strand Nested Hydrophobic Interaction Effects Manifested in Surface-Bound Peptide Assembly Structures. Journal of Physical Chemistry B, 2022, 126, 723-733.	1.2	2
6	Machine Learning-Assisted Dual-Marker Detection in Serum Small Extracellular Vesicles for the Diagnosis and Prognosis Prediction of Non-Small Cell Lung Cancer. Nanomaterials, 2022, 12, 809.	1.9	5
7	Principles of Aminoâ€Acidâ€Nucleotide Interactions Revealed by Binding Affinities between Homogeneous Oligopeptides and Singleâ€Stranded DNA Molecules. ChemBioChem, 2022, 23, .	1.3	3
8	Cofactor-free oxidase-mimetic nanomaterials from self-assembled histidine-rich peptides. Nature Materials, 2021, 20, 395-402.	13.3	78
9	Enhanced lymphatic delivery of nanomicelles encapsulating CXCR4-recognizing peptide and doxorubicin for the treatment of breast cancer. International Journal of Pharmaceutics, 2021, 594, 120183.	2.6	8
10	Enhancement of gold-nanocluster-mediated chemotherapeutic efficiency of cisplatin in lung cancer. Journal of Materials Chemistry B, 2021, 9, 4895-4905.	2.9	5
11	Compositionâ€dependent multivalency of peptideâ€“peptide interactions revealed by tryptophanâ€scanning mutagenesis. Journal of Peptide Science, 2021, 27, e3310.	0.8	3
12	Oxytocin Regulates Synaptic Transmission in the Sensory Cortices in a Developmentally Dynamic Manner. Frontiers in Cellular Neuroscience, 2021, 15, 673439.	1.8	5
13	Rational Approach to Plasmonic Dimers with Controlled Gap Distance, Symmetry, and Capability of Precisely Hosting Guest Molecules in Hotspot Regions. Journal of the American Chemical Society, 2021, 143, 8631-8638.	6.6	43
14	Peptide-Enabled Targeted Delivery Systems for Therapeutic Applications. Frontiers in Bioengineering and Biotechnology, 2021, 9, 701504.	2.0	27
15	Hsp70 chaperones TDP-43 in dynamic, liquid-like phase and prevents it from amyloid aggregation. Cell Research, 2021, 31, 1024-1027.	5.7	30
16	Integration of photocatalytic and dark-operating catalytic biomimetic transformations through DNA-based constitutional dynamic networks. Nature Communications, 2021, 12, 4224.	5.8	10
17	Quantitative Nanomechanical Analysis of Small Extracellular Vesicles for Tumor Malignancy Indication. Advanced Science, 2021, 8, e2100825.	5.6	28
18	Gated Dissipative Dynamic Artificial Photosynthetic Model Systems. Journal of the American Chemical Society, 2021, 143, 12120-12128.	6.6	13

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19	Anti-fouling peptide functionalization of ultraflexible neural probes for long-term neural activity recordings in the brain. Biosensors and Bioelectronics, 2021, 192, 113477.	5.3	13
20	Porous Au@Pt nanoparticles with superior peroxidase-like activity for colorimetric detection of spike protein of SARS-CoV-2. Journal of Colloid and Interface Science, 2021, 604, 113-121.	5.0	56
21	Zwitterion-functionalized hollow mesoporous Prussian blue nanoparticles for targeted and synergetic chemo-photothermal treatment of acute myeloid leukemia. Journal of Materials Chemistry B, 2021, 9, 5245-5254.	2.9	15
22	BSAâ€“MnO₂â€“SAL multifunctional nanoparticle-mediated M₁ macrophages polarization for glioblastoma therapy. RSC Advances, 2021, 11, 35331-35341.	1.7	3
23	Colorimetric determination of ascorbic acid using a polyallylamine-stabilized IrO2/graphene oxide nanozyme as a peroxidase mimic. Mikrochimica Acta, 2020, 187, 110.	2.5	32
24	Wrinkled double network hydrogel via simple stretch-recovery. Chemical Communications, 2020, 56, 13587-13590.	2.2	12
25	Hsp40 proteins phase separate to chaperone the assembly and maintenance of membraneless organelles. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31123-31133.	3.3	66
26	Multifunctional Integrated Compartment Systems for Incompatible Cascade Reactions Based on Onion-Like Photonic Spheres. Journal of the American Chemical Society, 2020, 142, 20605-20615.	6.6	22
27	Controlling biocatalytic cascades with enzymeâ€“DNA dynamic networks. Nature Catalysis, 2020, 3, 941-950.	16.1	45
28	Persistent Regulation of Tumor Hypoxia Microenvironment via a Bioinspired Ptâ€Based Oxygen Nanogenerator for Multimodal Imagingâ€Guided Synergistic Phototherapy. Advanced Science, 2020, 7, 1903341.	5.6	115
29	Molecular recognition of human islet amyloid polypeptide assembly by selective oligomerization of thioflavin T. Science Advances, 2020, 6, eabc1449.	4.7	14
30	Novel peptide-directed liposomes for targeted combination therapy of breast tumors. Materials Advances, 2020, 1, 3483-3495.	2.6	2
31	A Solventâ€Exchange Strategy to Regulate Noncovalent Interactions for Strong and Antiswelling Hydrogels. Advanced Materials, 2020, 32, e2004579.	11.1	177
32	Peptide-enabled receptor-binding-quantum dots for enhanced detection and migration inhibition of cancer cells. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1604-1621.	1.9	8
33	Thermoplasmonicâ€Triggered Release of Loads from DNAâ€Modified Hydrogel Microcapsules Functionalized with Au Nanoparticles or Au Nanorods. Small, 2020, 16, e2000880.	5.2	32
34	Biocatalytic reversible control of the stiffness of DNA-modified responsive hydrogels: applications in shape-memory, self-healing and autonomous controlled release of insulin. Chemical Science, 2020, 11, 4516-4524.	3.7	34
35	Biocatalytic cascades operating on macromolecular scaffolds and in confined environments. Nature Catalysis, 2020, 3, 256-273.	16.1	186
36	Positionâ€coded multivalent peptideâ€“peptide interactions revealed by tryptophanâ€scanning mutagenesis. Journal of Peptide Science, 2020, 26, e3273.	0.8	4

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37	Synthetic CXCR4 Antagonistic Peptide Assembling with Nanoscaled Micelles Combat Acute Myeloid Leukemia. Small, 2020, 16, 2001890.	5.2	15
38	Stress Induces Dynamic, Cytotoxicity-Antagonizing TDP-43 Nuclear Bodies via Paraspeckle LncRNA NEAT1-Mediated Liquid-Liquid Phase Separation. Molecular Cell, 2020, 79, 443-458.e7.	4.5	118
39	Zero-Dimensional/Two-Dimensional Au_xPd_{100â€“x} Nanocomposites with Enhanced Nanozyme Catalysis for Sensitive Glucose Detection. ACS Applied Materials & Interfaces, 2020, 12, 11616-11624.	4.0	81
40	Recent Progress of Nanozymes in the Detection of Pathogenic Microorganisms. ChemBioChem, 2020, 21, 2572-2584.	1.3	14
41	Exogels: A Solventâ€Exchange Strategy to Regulate Noncovalent Interactions for Strong and Antiswelling Hydrogels (Adv. Mater. 52/2020). Advanced Materials, 2020, 32, 2070395.	11.1	4
42	Functional DNA Structures and Their Biomedical Applications. CCS Chemistry, 2020, 2, 707-728.	4.6	47
43	Molecularly Imprinted Sites Translate into Macroscopic Shape-Memory Properties of Hydrogels. ACS Applied Materials & Interfaces, 2019, 11, 34282-34291.	4.0	14
44	Modulation of Î²-amyloid aggregation by graphene quantum dots. Royal Society Open Science, 2019, 6, 190271.	1.1	20
45	Evaluation of serum extracellular vesicles as noninvasive diagnostic markers of glioma. Theranostics, 2019, 9, 5347-5358.	4.6	57
46	Diagnosis of Invasive Nonfunctional Pituitary Adenomas by Serum Extracellular Vesicles. Analytical Chemistry, 2019, 91, 9580-9589.	3.2	18
47	Steric Dependence of Chirality Effect in Surface-Mediated Peptide Assemblies Identified with Scanning Tunneling Microscopy. Nano Letters, 2019, 19, 5403-5409.	4.5	9
48	Enhanced blood-brain-barrier penetrability and tumor-targeting efficiency by peptide-functionalized poly(amidoamine) dendrimer for the therapy of gliomas. Nanotheranostics, 2019, 3, 311-330.	2.7	39
49	Nanotechnologies: Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles (Adv. Mater. 45/2019). Advanced Materials, 2019, 31, 1970318.	11.1	10
50	Conjoined-network rendered stiff and tough hydrogels from biogenic molecules. Science Advances, 2019, 5, eaau3442.	4.7	144
51	Controllable fabrication of magnetic coreâ€“shell nanocomposites with high peroxide mimetic properties for bacterial detection and antibacterial applications. Journal of Materials Chemistry B, 2019, 7, 1124-1132.	2.9	11
52	Facile synthesis of IrO2/rGO nanocomposites with high peroxidase-like activity for sensitive colorimetric detection of low weight biothiols. Talanta, 2019, 203, 227-234.	2.9	41
53	Improved tumor targeting and penetration by a dual-functional poly(amidoamine) dendrimer for the therapy of triple-negative breast cancer. Journal of Materials Chemistry B, 2019, 7, 3724-3736.	2.9	38
54	Multifunctional inhibitors of Î²-amyloid aggregation based on MoS₂/AuNR nanocomposites with high near-infrared absorption. Nanoscale, 2019, 11, 9185-9193.	2.8	32

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55	Superstretchable and Processable Silicone Elastomers by Digital Light Processing 3D Printing. ACS Applied Materials & Interfaces, 2019, 11, 14391-14398.	4.0	85
56	PARylation regulates stress granule dynamics, phase separation, and neurotoxicity of disease-related RNA-binding proteins. Cell Research, 2019, 29, 233-247.	5.7	175
57	Peptideâ€“Polyphenol (KLVFF/EGCG) Binary Modulators for Inhibiting Aggregation and Neurotoxicity of Amyloid-Î² Peptide. ACS Omega, 2019, 4, 4233-4242.	1.6	18
58	DNA-Based Hydrogels Loaded with Au Nanoparticles or Au Nanorods: Thermoresponsive Plasmonic Matrices for Shape-Memory, Self-Healing, Controlled Release, and Mechanical Applications. ACS Nano, 2019, 13, 3424-3433.	7.3	111
59	Peptide conformation and oligomerization characteristics of surface-mediated assemblies revealed by molecular dynamics simulations and scanning tunneling microscopy. RSC Advances, 2019, 9, 41345-41350.	1.7	6
60	Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles. Advanced Materials, 2019, 31, e1805344.	11.1	81
61	In Situ Observation of Amyloid Nucleation and Fibrillation by FastScan Atomic Force Microscopy. Journal of Physical Chemistry Letters, 2019, 10, 214-222.	2.1	17
62	MoO3â^'x nanodots with dual enzyme mimic activities as multifunctional modulators for amyloid assembly and neurotoxicity. Journal of Colloid and Interface Science, 2019, 539, 575-584.	5.0	30
63	Principles of Inter-Amino-Acid Recognition Revealed by Binding Energies between Homogeneous Oligopeptides. ACS Central Science, 2019, 5, 97-108.	5.3	22
64	Probing Molecular Basis for Constructing Interface Bionanostructures. Topics in Catalysis, 2018, 61, 1125-1138.	1.3	0
65	Quercetin nanoparticles with enhanced bioavailability as multifunctional agents toward amyloid induced neurotoxicity. Journal of Materials Chemistry B, 2018, 6, 1387-1393.	2.9	33
66	Dual effect of PEG-PE micelle over the oligomerization and fibrillation of human islet amyloid polypeptide. Scientific Reports, 2018, 8, 4463.	1.6	17
67	Site-specific determination of TTR-related functional peptides by using scanning tunneling microscopy. Nano Research, 2018, 11, 577-585.	5.8	7
68	GO-AgCl/Ag nanocomposites with enhanced visible light-driven catalytic properties for antibacterial and biofilm-disrupting applications. Colloids and Surfaces B: Biointerfaces, 2018, 162, 296-305.	2.5	37
69	A novel strategy to construct supported Pd nanocomposites with synergistically enhanced catalytic performances. Nano Research, 2018, 11, 3272-3281.	5.8	16
70	Improving the inhibitory effect of CXCR4 peptide antagonist in tumor metastasis with an acetylated PAMAM dendrimer. RSC Advances, 2018, 8, 39948-39956.	1.7	2
71	Liquid Biospy: Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbeadâ€Assisted Flow Cytometry Detection of Tumorâ€Derived Extracellular Vesicles (Small Methods) Tj ETQq1 1 0.784314 rgBT	1.1	
72	Shape-memory and self-healing functions of DNA-based carboxymethyl cellulose hydrogels driven by chemical or light triggers. Chemical Science, 2018, 9, 7145-7152.	3.7	99

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73	Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbeadâ€Assisted Flow Cytometry Detection of Tumorâ€Derived Extracellular Vesicles. Small Methods, 2018, 2, 1800122.	4.6	20
74	Stimuliâ€Responsive Donorâ€“Acceptor and DNAâ€Crosslinked Hydrogels: Application as Shapeâ€Memory and Selfâ€Healing Materials. Advanced Functional Materials, 2018, 28, 1803111.	7.8	67
75	Single-molecule insights into surface-mediated homochirality in hierarchical peptide assembly. Nature Communications, 2018, 9, 2711.	5.8	14
76	Single-layer Rh nanosheets with ultrahigh peroxidase-like activity for colorimetric biosensing. Nano Research, 2018, 11, 6304-6315.	5.8	68
77	Nrp-1 receptor targeting peptide-functionalized TPGS micellar nanosystems to deliver 10-hydroxycampothecin for enhanced cancer chemotherapy. International Journal of Pharmaceutics, 2018, 547, 582-592.	2.6	15
78	pH-Responsive nanodrug encapsulated by tannic acid complex for controlled drug delivery. RSC Advances, 2017, 7, 2829-2835.	1.7	43
79	Peptoids: Antiamyloidogenic Activity of AÎ²42-Binding Peptoid in Modulating Amyloid Oligomerization (Small 1/2017). Small, 2017, 13, .	5.2	3
80	Stabilization Effect of Amino Acid Side Chains in Peptide Assemblies on Graphite Studied by Scanning Tunneling Microscopy. ChemPhysChem, 2017, 18, 926-934.	1.0	8
81	Fluorine Functionalized Graphene Quantum Dots as Inhibitor against hIAPP Amyloid Aggregation. ACS Chemical Neuroscience, 2017, 8, 1368-1377.	1.7	99
82	Peptide-binding induced inhibition of chemokine CXCL12. RSC Advances, 2017, 7, 21298-21307.	1.7	2
83	An easy-to-use wound dressing gelatin-bioactive nanoparticle gel and its preliminary in vivo study. Journal of Materials Science: Materials in Medicine, 2017, 28, 10.	1.7	22
84	Aromatic-interaction-mediated inhibition of Î²-amyloid assembly structures and cytotoxicity. Journal of Peptide Science, 2017, 23, 679-684.	0.8	7
85	Antibodyâ€Mimetic Peptoid Nanosheet for Labelâ€Free Serumâ€Based Diagnosis of Alzheimer's Disease. Advanced Materials, 2017, 29, 1700057.	11.1	60
86	Molybdenum Disulfide Nanoparticles as Multifunctional Inhibitors against Alzheimerâ€™s Disease. ACS Applied Materials & Interfaces, 2017, 9, 21116-21123.	4.0	100
87	In vivo study of a bioactive nanoparticle-gelatin composite scaffold for bone defect repair in rabbits. Journal of Materials Science: Materials in Medicine, 2017, 28, 181.	1.7	10
88	Unraveling the roles of CD44/CD24 and ALDH1 as cancer stem cell markers in tumorigenesis and metastasis. Scientific Reports, 2017, 7, 13856.	1.6	317
89	Graphene oxide-iron oxide nanocomposite as an inhibitor of AÎ² 42 amyloid peptide aggregation. Colloids and Surfaces B: Biointerfaces, 2017, 159, 540-545.	2.5	16
90	Allosteric Modulation of Human Serum Albumin Induced by Peptide Ligand. Chinese Journal of Chemistry, 2017, 35, 1270-1277.	2.6	1

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91	Antiamyloidogenic Activity of AÎ²42-Binding Peptoid in Modulating Amyloid Oligomerization. Small, 2017, 13, 1602857.	5.2	17
92	Inside Back Cover: Allosteric Modulation of Human Serum Albumin Induced by Peptide Ligand (Chin. J.) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.6	0
93	Anti-tumor activity of nanomicelles encapsulating CXCR4 peptide antagonist E5. PLoS ONE, 2017, 12, e0182697.	1.1	11
94	Sonicationâ€Aided Formation of Hollow Hybrid Nanoparticles as Highâ€Efficiency Absorbents for Dissolved Toluene in Water. Chemistry - an Asian Journal, 2016, 11, 280-284.	1.7	3
95	Enhanced oxidase/peroxidase-like activities of aptamer conjugated MoS₂/PtCu nanocomposites and their biosensing application. RSC Advances, 2016, 6, 54949-54955.	1.7	29
96	Molecular Evidence of Glycosylation Effect on the Peptide Assemblies Identified with Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2016, 120, 6577-6582.	1.5	12
97	Cell-Capture and Release Platform Based on Peptide-Aptamer-Modified Nanowires. ACS Applied Materials & Interfaces, 2016, 8, 2511-2516.	4.0	42
98	Synergistic Inhibitory Effect of Peptideâ€“Organic Coassemblies on Amyloid Aggregation. ACS Nano, 2016, 10, 4143-4153.	7.3	47
99	Lattice modulation effect of liquidâ€“solid interface on peptide assemblies. Surface Science, 2016, 649, 34-38.	0.8	8
100	Nano-cage-mediated refolding of insulin by PEG-PE micelle. Biomaterials, 2016, 77, 139-148.	5.7	21
101	Improving chemotherapeutic efficiency in acute myeloid leukemia treatments by chemically synthesized peptide interfering with CXCR4/CXCL12 axis. Scientific Reports, 2015, 5, 16228.	1.6	34
102	A designed peptide targeting CXCR4 displays anti-acute myelocytic leukemia activity in vitro and in vivo. Scientific Reports, 2015, 4, 6610.	1.6	36
103	Nanoparticles' interference in the evaluation of in vitro toxicity of silver nanoparticles. RSC Advances, 2015, 5, 67327-67334.	1.7	19
104	Identification of Core Segment of Amyloidal Peptide Mediated by Chaperone Molecules by using Scanning Tunneling Microscopy. ChemPhysChem, 2015, 16, 2995-2999.	1.0	9
105	Enhanced cell growth on nanotextured GaN surface treated by UV illumination and fibronectin adsorption. Colloids and Surfaces B: Biointerfaces, 2014, 123, 293-301.	2.5	11
106	Modulating AÎ²_{33â€“42} Peptide Assembly by Graphene Oxide. Chemistry - A European Journal, 2014, 20, 7236-7240.	1.7	69
107	Reduced Aggregation and Cytotoxicity of Amyloid Peptides by Graphene Oxide/Gold Nanocomposites Prepared by Pulsed Laser Ablation in Water. Small, 2014, 10, 4386-4394.	5.2	32
108	An on-chip study on the influence of geometrical confinement and chemical gradient on cell polarity. Biomicrofluidics, 2014, 8, 052010.	1.2	7

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109	Transformation of Î²-sheet structures of the amyloid peptide induced by molecular modulators. Chemical Communications, 2014, 50, 8923-8926.	2.2	22
110	Bioactive Nanoparticleâ€“Gelatin Composite Scaffold with Mechanical Performance Comparable to Cancellous Bones. ACS Applied Materials & Interfaces, 2014, 6, 13061-13068.	4.0	64
111	Bioactive Nanoparticle through Postmodification of Colloidal Silica. ACS Applied Materials & Interfaces, 2014, 6, 4935-4939.	4.0	31
112	Preparation and characterization of graphene oxide/poly(vinyl alcohol) composite nanofibers via electrospinning. Journal of Applied Polymer Science, 2013, 127, 3026-3032.	1.3	108
113	Differentiating Amino Acid Residues and Side Chain Orientations in Peptides Using Scanning Tunneling Microscopy. Journal of the American Chemical Society, 2013, 135, 18528-18535.	6.6	33
114	Characterization of Î²-domains in C-terminal fragments of TDP-43 by scanning tunneling microscopy. Journal of Structural Biology, 2013, 181, 11-16.	1.3	24
115	Sequence Effects on Peptide Assembly Characteristics Observed by Using Scanning Tunneling Microscopy. Journal of the American Chemical Society, 2013, 135, 2181-2187.	6.6	50
116	Scanning Tunneling Microscopy Reveals Single-Molecule Insights into the Self-Assembly of Amyloid Fibrils. ACS Nano, 2012, 6, 6882-6889.	7.3	27
117	Oddâ€Even Sequence Effect of Surfaceâ€Mediated Peptide Assemblies Observed by Scanning Tunneling Microscopy. Chinese Journal of Chemistry, 2012, 30, 1987-1991.	2.6	8
118	Beta structure motifs of islet amyloid polypeptides identified through surface-mediated assemblies. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19605-19610.	3.3	66
119	Innentitelbild: Cooperative Assembly of Binary Molecular Components into Tubular Structures for Multiple Photonic Applications (Angew. Chem. 21/2011). Angewandte Chemie, 2011, 123, 4812-4812.	1.6	0
120	Inside Cover: Cooperative Assembly of Binary Molecular Components into Tubular Structures for Multiple Photonic Applications (Angew. Chem. Int. Ed. 21/2011). Angewandte Chemie - International Edition, 2011, 50, 4716-4716.	7.2	1
121	Amyloid Î² (1â€“42) Folding Multiplicity and Single-Molecule Binding Behavior Studied with STM. Journal of Molecular Biology, 2009, 388, 894-901.	2.0	58
122	Matrix-molecule induced chiral enhancement effect of binary supramolecular liquid crystals. Journal of Materials Chemistry, 2007, 17, 4699.	6.7	22
123	Uncoiling Process of Helical Molecular Fibrillar Structures Studied by AFM. Journal of Physical Chemistry C, 2007, 111, 6194-6198.	1.5	10
124	Effects of intermolecular interactions on the controlled assembly of organic monolayers: an STM study. Surface and Interface Analysis, 2006, 38, 1039-1046.	0.8	12
125	The effects of annealing on the structures and electrical conductivities of fullerene-derived nanowires. Journal of Materials Chemistry, 2004, 14, 914.	6.7	10
126	Identification of the Preferential-Bonding Effect of Disubstituted Alkane Derivatives Using Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2004, 108, 620-624.	1.2	22

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127	Study of Î²-amyloid adsorption and aggregation on graphite by STM and AFM. Science Bulletin, 2003, 48, 437-440.	1.7	6
128	Controlled assembly of copper phthalocyanine with 1-iodooctadecane. Science Bulletin, 2003, 48, 1519-1524.	1.7	5
129	2D self-assembling of 4, 5-didodecylthiolphthalonitrile on graphite surface. Science Bulletin, 2003, 48, 742-745.	1.7	0
130	Effect of Chemical Structure on the Adsorption of Amino Acids with Aliphatic and Aromatic Substitution Groups:Â In Situ STM Study. Journal of Physical Chemistry B, 2003, 107, 8474-8478.	1.2	17
131	Synthesis of a novel axially chiral amphiphile and study on its assembly behavior in two and three dimensionsElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b302572a/. Chemical Communications, 2003, , 1498.	2.2	3
132	Towards total dissolution of full length unmodified carbon nanotubes (CNT) and its application to fabrication of ultra-thin CNT films at the water/air interface. Journal of Materials Chemistry, 2003, 13, 1244.	6.7	1
133	In Situ STM Evidence for Adsorption of Rhodamine B in Solution. Journal of Physical Chemistry B, 2002, 106, 4223-4226.	1.2	24
134	Photoinduced organic nanowires from self-assembled monolayers. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 2466.	1.6	32
135	A Dimeric Structure of BacteriochlorophyllidecMolecules Studied by Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2002, 106, 3037-3040.	1.2	11
136	Adlayer Structures of Pyridine, Pyrazine and Triazine on Cu(111):Â an in Situ Scanning Tunneling Microscopy Study. Langmuir, 2002, 18, 5133-5138.	1.6	23
137	Self-assembled two-dimensional hexagonal networks. Journal of Materials Chemistry, 2002, 12, 2856-2858.	6.7	51
138	STM observation of 1,3,5-triazines bearing rod-like benzeneazonaphthalene moieties monolayers self-assembled on graphite surfaceElectronic supplementary information (ESI) available: experimental details for the preparation of compounds 2â€“4, mass and IR spectra of 3aâ€“c and 4aâ€“c, and 1H NMR spectra of 4aâ€“c. See http://www.rsc.org/suppdata/jm/b2/b200043c/. Journal of Materials Chemistry, 2002, 12, 1239-1241.	6.7	3
139	Synthesis and characterization of a novel polyorganosiloxane having a bigger sized tubular structure and its supramolecular clathrate. Polymers for Advanced Technologies, 2002, 13, 188-195.	1.6	3
140	Branched Nanowire Based Guanine Rich Oligonucleotides. Journal of Biomolecular Structure and Dynamics, 2001, 18, 807-812.	2.0	11
141	New Structure ofl-Cysteine Self-Assembled Monolayer on Au(111):Â Studies by In Situ Scanning Tunneling Microscopy. Langmuir, 2001, 17, 6203-6206.	1.6	77
142	The self-assembly of [60]fullerene-substituted 2,2â€²-bipyridine on the surface of Au(111) and Au nanoparticles. New Journal of Chemistry, 2001, 25, 1191-1194.	1.4	18
143	Adlayer Structures of Benzene and Pyridine Molecules on Cu(100) in Solution by ECSTM. Journal of Physical Chemistry B, 2001, 105, 8399-8402.	1.2	23
144	Effect of Chemically Modified Tips on STM Imaging of 1-Octadecanethiol Molecule. Journal of Physical Chemistry B, 2001, 105, 10465-10467.	1.2	19

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145	Effect of humidity on the surface adhesion force of inorganic crystals by the force spectrum method. Science Bulletin, 2001, 46, 912-914.	1.7	9
146	Assemble four-arm DNA junctions into nanoweb. Science Bulletin, 2001, 46, 1618-1621.	1.7	0
147	Direct visualization of telomeric DNA loops in cells by AFM. Surface and Interface Analysis, 2001, 32, 32-37.	0.8	6
148	Atomic force microscopy reveals the local ordering characteristics of nucleosomal chain from cell. Surface and Interface Analysis, 2001, 32, 38-42.	0.8	1
149	Identification of hydrogen bond characterizations of isomeric 4Bpy and 2Bpy by STM. Surface and Interface Analysis, 2001, 32, 245-247.	0.8	30
150	Theoretical study of the effects of intermolecular interactions in self-assembled long-chain alkanes adsorbed on graphite surface. Surface and Interface Analysis, 2001, 32, 248-252.	0.8	89
151	Adlayer structure of 1-C18H37 SH molecules: scanning tunnelling microscopy study. Surface and Interface Analysis, 2001, 32, 256-261.	0.8	11
152	Molecular organization of diolefinic compounds observed with scanning tunnelling microscopy. Surface and Interface Analysis, 2001, 32, 262-265.	0.8	1
153	Chain-length-adjusted assembly of substituted porphyrins on graphite. Surface and Interface Analysis, 2001, 32, 266-270.	0.8	45
154	Topography investigation of water layer and self-assembled monolayer with OTS-modified AFM tips. Surface and Interface Analysis, 2001, 32, 275-277.	0.8	6
155	Detection of shear force with a piezoelectric bimorph cantilever for scanning near-field optical microscopy. Surface and Interface Analysis, 2001, 32, 289-292.	0.8	4
156	Visualization of the intermediates in a uniform DNA condensation system by tapping mode atomic force microscopy. Surface and Interface Analysis, 2001, 32, 15-19.	0.8	7
157	Visualization of reconstituted solenoid chromatin structure by tapping mode atomic force microscopy. Surface and Interface Analysis, 2001, 32, 20-26.	0.8	2
158	Domain configuration and interface structure analysis of sol-gel-derived PZT ferroelectric thin films. Surface and Interface Analysis, 2001, 32, 27-31.	0.8	12
159	Synthesis and characterization of polyorganosiloxane (POS) containing nano-scale tubular structure and its supramolecular clathrate. Polymers for Advanced Technologies, 2001, 12, 626-636.	1.6	5
160	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 18, 137-144.	1.1	10
161	Atomic force microscopic observation on substructure of pollen exine inCedrus deodara andMetasequoia glyptostroboides. Science Bulletin, 2000, 45, 1500-1503.	1.7	5
162	Atomic Force Microscopy Analysis of Intermediates in Cobalt Hexammine-Induced DNA Condensation. Journal of Biomolecular Structure and Dynamics, 2000, 18, 1-9.	2.0	21

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