Chun-Li Bai

List of Publications by Year
in descending order

100	2,232	257450	233421
papers	citations	24 h-index	45 g-index

102	102	102	2637
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gadofullerene nanoparticles extend survival rate and down-regulate thrombin expression in orthotopic pancreatic cancer. Science China Materials, 2022, 65, 508-517.	6.3	2
2	Fullerene nanoparticles for the treatment of ulcerative colitis. Science China Life Sciences, 2022, 65, 1146-1156.	4.9	12
3	Evidence for the association of triatomic molecules in ultracold 23Na40Kâ€‰+â€‰40K mixtures. Nature, 2022, 602, 229-233.	27.8	21
4	Production of an ultracold mixture of 23Na40K and 40K. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	3
5	Magnetic Feshbach resonances in collisions of²³Na⁴⁰K with⁴⁰K. New Journal of Physics, 2021, 23, 115010.	2.9	25
6	Gadofullerene inhibits the degradation of apolipoprotein B100 and boosts triglyceride transport for reversing hepatic steatosis. Science Advances, 2020, 6, .	10.3	32
7	Fullerene nanoparticles: a promising candidate for the alleviation of silicosis-associated pulmonary inflammation. Nanoscale, 2020, 12, 17470-17479.	5.6	19
8	Functional Gadofullerene Nanoparticles Trigger Robust Cancer Immunotherapy Based on Rebuilding an Immunosuppressive Tumor Microenvironment. Nano Letters, 2020, 20, 4487-4496.	9.1	57
9	Gadofullerene nanoparticles for robust treatment of aplastic anemia induced by chemotherapy drugs. Theranostics, 2020, 10, 6886-6897.	10.0	9
10	Gadofullerene Nanoparticles Reverse Dysfunctions of Pancreas and Improve Hepatic Insulin Resistance for Type 2 Diabetes Mellitus Treatment. ACS Nano, 2019, 13, 8597-8608.	14.6	53
11	A highly efficient and tumor vascular-targeting therapeutic technique with size-expansible gadofullerene nanocrystals. Science China Materials, 2015, 58, 799-810.	6.3	49
12	From Chemistry to Nanoscience: Not Just a Matter of Size. Angewandte Chemie - International Edition, 2013, 52, 2678-2683.	13.8	73
13	Internationale Zusammenarbeit ist Trumpf, auch bei der chinesischen Akademie der Wissenschaften. Angewandte Chemie, 2012, 124, 4318-4320.	2.0	2
14	Langmuir-Blodgett film formation of rare-earth metal di-, triphthalocyanine complexes and observation of their thin film by means of TEM and STM. Chinese Journal of Chemistry, 2010, 9, 126-130.	4.9	8
15	Formation and structural transition of molecular self-assembly on solid surface investigated by STM. , 2010, , .		0
16	GLOBAL VOICES OF SCIENCE: Ascent of Nanoscience in China. Science, 2005, 309, 61-63.	12.6	90
17	Bipyridine conformations control the solid-state supramolecular chemistry of zinc(ii) phthalocyanine with bipyridines. CrystEngComm, 2005, 7, 243.	2.6	29
18	The effects of annealing on the structures and electrical conductivities of fullerene-derived nanowires. Journal of Materials Chemistry, 2004, 14, 914.	6.7	10

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19	Electrochemical Construction of Novel C60 Derivative/PPV Composite Adlayer on Cu(111) and Their Current/Voltage Characteristics. Journal of Physical Chemistry B, 2004, 108, 965-970.	2.6	7
20	Interface Assembly Synthesis of Inorganic Composite Hollow Spheres. Journal of Physical Chemistry B, 2004, 108, 9734-9738.	2.6	62
21	STM Study of Two-Dimensional Assemblies of Tricarboxylic Acid Derivatives on Au(111). Journal of Physical Chemistry B, 2004, 108, 11251-11255.	2.6	43
22	Identification of the Preferential-Bonding Effect of Disubstituted Alkane Derivatives Using Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2004, 108, 620-624.	2.6	22
23	Study of Î²-amyloid adsorption and aggregation on graphite by STM and AFM. Science Bulletin, 2003, 48, 437-440.	1.7	6
24	Controlled assembly of copper phthalocyanine with 1-iodooctadecane. Science Bulletin, 2003, 48, 1519-1524.	1.7	5
25	Structure of self-assembled monolayer of NPAN on Au(111) electrode. Science Bulletin, 2003, 48, 1952-1955.	1.7	3
26	2D self-assembling of 4, 5-didodecylthiolphthalonitrile on graphite surface. Science Bulletin, 2003, 48, 742-745.	1.7	0
27	Surface morphology and nodule formation mechanism of cellulose acetate membranes by atomic force microscopy. Journal of Applied Polymer Science, 2003, 88, 1328-1335.	2.6	14
28	Ordered Niâ”Cu Nanowire Array with Enhanced Coercivity. Chemistry of Materials, 2003, 15, 664-667.	6.7	113
29	Adlayer Structures of Calixarenes on Au(111) Surface Studied with STM. Journal of Physical Chemistry B, 2003, 107, 13111-13116.	2.6	17
30	Self-Assembling of an Amphiphilic Polyacetylene Carryingl-Leucine Pendants:Â A Homopolymer Case. Macromolecules, 2003, 36, 5447-5450.	4.8	51
31	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.	2.6	17
32	Structure and Dynamic Process of Two-Dimensional Monodendron Assembly. Chemistry of Materials, 2003, 15, 3098-3104.	6.7	27
33	Photodimerization of P2VB on Au(111) in Solution Studied with Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2003, 107, 5116-5119.	2.6	12
34	Highly Dispersed Metal Nanoparticles in Porous Anodic Alumina Films Prepared by a Breathing Process of Polyacrylamide Hydrogel. Chemistry of Materials, 2003, 15, 4332-4336.	6.7	61
35	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.	4.1	3
36	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

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37	Novel Structure of Fullerenes and Endohedral Fullerenes. Materials Research Society Symposia Proceedings, 2003, 775, 1031.	0.1	1
38	Adsorption of Aromatic Molecules at Solid/Liquid Interface Investigated by Electrochemical STM. Hyomen Kagaku, 2003, 24, 726-733.	0.0	0
39	In Situ STM Evidence for Adsorption of Rhodamine B in Solution. Journal of Physical Chemistry B, 2002, 106, 4223-4226.	2.6	24
40	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
41	A Dimeric Structure of BacteriochlorophyllidecMolecules Studied by Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2002, 106, 3037-3040.	2.6	11
42	Adlayer Structures of Organic Molecules with Different Functional Groups on Cu(111) in Solution. Journal of Physical Chemistry B, 2002, 106, 11272-11276.	2.6	7
43	Adlayer Structures of Pyridine, Pyrazine and Triazine on Cu(111):Â an in Situ Scanning Tunneling Microscopy Study. Langmuir, 2002, 18, 5133-5138.	3.5	23
44	Preparation and dispersion of Niâ€“Cu composite nanoparticles. Physical Chemistry Chemical Physics, 2002, 4, 3422-3424.	2.8	18
45	Self-assembled two-dimensional hexagonal networks. Journal of Materials Chemistry, 2002, 12, 2856-2858.	6.7	51
46	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
47	Branched Nanowire Based Guanine Rich Oligonucleotides. Journal of Biomolecular Structure and Dynamics, 2001, 18, 807-812.	3.5	11
48	New Structure ofl-Cysteine Self-Assembled Monolayer on Au(111):Â Studies by In Situ Scanning Tunneling Microscopy. Langmuir, 2001, 17, 6203-6206.	3.5	77
49	Adlayer Structures of Benzene and Pyridine Molecules on Cu(100) in Solution by ECSTM. Journal of Physical Chemistry B, 2001, 105, 8399-8402.	2.6	23
50	Effect of Chemically Modified Tips on STM Imaging of 1-Octadecanethiol Molecule. Journal of Physical Chemistry B, 2001, 105, 10465-10467.	2.6	19
51	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
52	Assemble four-arm DNA junctions into nanoweb. Science Bulletin, 2001, 46, 1618-1621.	1.7	0
53	Direct visualization of telomeric DNA loops in cells by AFM. Surface and Interface Analysis, 2001, 32, 32-37.	1.8	6
54	Atomic force microscopy reveals the local ordering characteristics of nucleosomal chain from cell. Surface and Interface Analysis, 2001, 32, 38-42.	1.8	1

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55	Identification of hydrogen bond characterizations of isomeric 4Bpy and 2Bpy by STM. Surface and Interface Analysis, 2001, 32, 245-247.	1.8	30
56	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.	1.8	89
57	Adlayer structure of 1-C18H37 SH molecules: scanning tunnelling microscopy study. Surface and Interface Analysis, 2001, 32, 256-261.	1.8	11
58	Molecular organization of diolefinic compounds observed with scanning tunnelling microscopy. Surface and Interface Analysis, 2001, 32, 262-265.	1.8	1
59	Chain-length-adjusted assembly of substituted porphyrins on graphite. Surface and Interface Analysis, 2001, 32, 266-270.	1.8	45
60	Topography investigation of water layer and self-assembled monolayer with OTS-modified AFM tips. Surface and Interface Analysis, 2001, 32, 275-277.	1.8	6
61	Detection of shear force with a piezoelectric bimorph cantilever for scanning near-field optical microscopy. Surface and Interface Analysis, 2001, 32, 289-292.	1.8	4
62	Visualization of the intermediates in a uniform DNA condensation system by tapping mode atomic force microscopy. Surface and Interface Analysis, 2001, 32, 15-19.	1.8	7
63	Visualization of reconstituted solenoid chromatin structure by tapping mode atomic force microscopy. Surface and Interface Analysis, 2001, 32, 20-26.	1.8	2
64	Domain configuration and interface structure analysis of sol-gel-derived PZT ferroelectric thin films. Surface and Interface Analysis, 2001, 32, 27-31.	1.8	12
65	Molecular Mechanics Study of the Inclusion of Trimethylbenzene Isomers in Î±-Cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2000, 37, 273-279.	1.6	3
66	Formation of domain structure of erythrocyte membrane in Wistar rat fed with CeCl3 per os. Science Bulletin, 2000, 45, 426-429.	1.7	2
67	Circular dichroism spectroscopic studies on structures formed by telomeric DNA sequencesin vitro. Science Bulletin, 2000, 45, 1959-1963.	1.7	3
68	Atomic Force Microscopy Analysis of Intermediates in Cobalt Hexammine-Induced DNA Condensation. Journal of Biomolecular Structure and Dynamics, 2000, 18, 1-9.	3.5	21
69	Enhancement of resolution of DNA on silylated mica using atomic force microscopy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 1858.	1.6	10
70	Fold-Back Tetraplex DNA Species in DNase I-Resistant DNA Isolated from Hela Cells. Journal of Biomolecular Structure and Dynamics, 2000, 17, 871-878.	3.5	6
71	Alkane-Assisted Adsorption and Assembly of Phthalocyanines and Porphyrins. Journal of the American Chemical Society, 2000, 122, 5550-5556.	13.7	285
72	Stabilization Effect of Alkane Buffer Layer on Formation of Nanometer-Sized Metal Phthalocyanine Domains. Journal of Physical Chemistry B, 2000, 104, 10502-10505.	2.6	50

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73	Electron-induced gasification reactions in the fabrication process on graphite surface using scanning tunneling microscopy. Journal of Applied Physics, 1999, 86, 2342-2345.	2.5	0
74	Intermolecular forces between acetylcholine and acetylcholinesterases studied with atomic force microscopy. Science in China Series B: Chemistry, 1999, 42, 449-457.	0.8	2
75	Investigation of various structures of DNA molecules (III). Science in China Series C: Life Sciences, 1999, 42, 136-140.	1.3	3
76	Fractal structure and fractal dimension determination at nanometer scale. Science in China Series A: Mathematics, 1999, 42, 965-972.	0.5	2
77	AFM as a surface probeâ€"beyond structural information. Surface and Interface Analysis, 1999, 28, 44-48.	1.8	4
78	Friction Coefficients Derived from Apparent Height Variations in Contact Mode Atomic Force Microscopy Images. Langmuir, 1999, 15, 7662-7669.	3.5	43
79	Structural Studies on Host + Guest Recognition Sensory Systems. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1998, 31, 197-204.	1.6	0
80	Atomic force microscopy observation of the condensates of the spermidine-DNA complexes. Science in China Series B: Chemistry, 1998, 41, 418-423.	0.8	2
81	Influence of loop sequence on relative stability of bimolecular triplex DNA. Science in China Series C: Life Sciences, 1998, 41, 381-386.	1.3	0
82	STM studies on adsorbed liquid crystal on HOPG. Science in China Series B: Chemistry, 1998, 41, 640-645.	0.8	1
83	Theoretical studies on intratriplex DNA with 5-bromocytosine. Science in China Series B: Chemistry, 1998, 41, 646-651.	0.8	0
84	Dynamic evolution of adhesion force between protein films studied by atomic force microscope. Science Bulletin, 1998, 43, 1882-1886.	1.7	0
85	Circular dichroism spectra of different structures formed by the oligonucleotides. Science Bulletin, 1998, 43, 1456-1460.	1.7	3
86	Investigation of atomic structure ahead of crack tip by STM and AFM. Science in China Series D: Earth Sciences, 1998, 41, 411-417.	0.9	6
87	Effect of Selective Substitution of 5-Bromocytosine on Conformation of DNA Triple Helices. Journal of Biomolecular Structure and Dynamics, 1998, 15, 895-903.	3.5	1
88	The observation of the local ordering characteristics of spermidine- condensed DNA: atomic force microscopy and polarizing microscopy studies. Nucleic Acids Research, 1998, 26, 3228-3234.	14.5	91
89	Threshold behavior of nanometer scale fabrication process using scanning tunneling microscopy. Journal of Applied Physics, 1997, 81, 1227-1230.	2.5	7
90	Piezoelectric pushâ€"pull micropositioner for ballistic electron emission microscope. Review of Scientific Instruments, 1997, 68, 3803-3805.	1.3	11

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91	Hydrated Water Molecules of Pyrimidine/Purine/Pyrimidine DNA Triple Helices as Revealed by FT-IR Spectroscopy: A Role of Cytosine Methylation. Journal of Biomolecular Structure and Dynamics, 1997, 14, 485-493.	3.5	9
92	Formation and characteristics of an unusual Î»â€ÐNA species. IUBMB Life, 1997, 43, 541-549.	3.4	0
93	Effect of loop on the stability of intramolecular triplex DNA. Science in China Series B: Chemistry, 1997, 40, 650-656.	0.8	1
94	Computational analysis of triplex formation of oligonucleotides: protonated and 5-methylated py-pu-py motif. Science in China Series B: Chemistry, 1997, 40, 113-121.	0.8	6
95	Influence of low energy ballistic electron on the transmittance properties of Au/Si interface studied by ballistic-electron-emission microscope. Science Bulletin, 1997, 42, 1282-1286.	1.7	1
96	Morphological observations of single-chain glassy polystyrene by means of tapping mode atomic force microscopy. Macromolecular Chemistry and Physics, 1996, 197, 2165-2174.	2.2	16
97	Evidence of diffusion characteristics of field emission electrons in nanostructuring process on graphite surface. Applied Physics Letters, 1996, 69, 348-350.	3.3	12
98	Surface-Enhanced Fourier Transform Raman Scattering from a DNA Triple Helix Poly[dA]Â·2Poly[dT] at a Silver Electrode:Â Beyond the Short-Range Mechanism. The Journal of Physical Chemistry, 1996, 100, 17410-17413.	2.9	10
99	Effect of Selective Cytosine Methylation and Hydration on the Conformations of DNA Triple Helices Containing a TTTT Loop Structure by FT-IR Spectroscopy. Journal of Biomolecular Structure and Dynamics, 1995, 13, 471-482.	3.5	11
100	THE INVESTIGATIONS OF DIFFERENT NPP CRYSTAL SURFACE STRUCTURES BY AFM. Journal of Nonlinear Optical Physics and Materials, 1994, 03, 45-53.	1.8	0