

Chun-Li Bai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99
papers

1,904
citations

23
h-index

41
g-index

102
ext. papers

2,054
ext. citations

5.8
avg. IF

4.19
L-index

#	Paper	IF	Citations
99	Evidence for the association of triatomic molecules in ultracold NaK + K mixtures.. <i>Nature</i> , 2022 , 602, 229-233	50.4	1
98	Production of an ultracold mixture of ²³ Na ⁴⁰ K and ⁴⁰ K. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022 , 65, 1	3.6	0
97	Fullerene nanoparticles for the treatment of ulcerative colitis. <i>Science China Life Sciences</i> , 2021 , 1	8.5	4
96	Functional Gadofullerene Nanoparticles Trigger Robust Cancer Immunotherapy Based on Rebuilding an Immunosuppressive Tumor Microenvironment. <i>Nano Letters</i> , 2020 , 20, 4487-4496	11.5	26
95	Gadofullerene nanoparticles for robust treatment of aplastic anemia induced by chemotherapy drugs. <i>Theranostics</i> , 2020 , 10, 6886-6897	12.1	3
94	Gadofullerene inhibits the degradation of apolipoprotein B100 and boosts triglyceride transport for reversing hepatic steatosis. <i>Science Advances</i> , 2020 , 6,	14.3	9
93	Fullerene nanoparticles: a promising candidate for the alleviation of silicosis-associated pulmonary inflammation. <i>Nanoscale</i> , 2020 , 12, 17470-17479	7.7	3
92	Gadofullerene Nanoparticles Reverse Dysfunctions of Pancreas and Improve Hepatic Insulin Resistance for Type 2 Diabetes Mellitus Treatment. <i>ACS Nano</i> , 2019 , 13, 8597-8608	16.7	29
91	A highly efficient and tumor vascular-targeting therapeutic technique with size-expandable gadofullerene nanocrystals. <i>Science China Materials</i> , 2015 , 58, 799-810	7.1	40
90	From chemistry to nanoscience: not just a matter of size. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2678-83	16.4	62
89	Langmuir-Blodgett film formation of rare-earth metal di-, triphthalocyanine complexes and observation of their thin film by means of TEM and STM. <i>Chinese Journal of Chemistry</i> , 2010 , 9, 126-130	4.9	8
88	Bipyridine conformations control the solid-state supramolecular chemistry of zinc(II) phthalocyanine with bipyridines. <i>CrystEngComm</i> , 2005 , 7, 243	3.3	28
87	Global voices of science. Ascent of nanoscience in China. <i>Science</i> , 2005 , 309, 61-3	33.3	73
86	Pt Hollow Nanospheres: Facile Synthesis and Enhanced Electrocatalysts. <i>Angewandte Chemie</i> , 2004 , 116, 1566-1569	3.6	121
85	The effects of annealing on the structures and electrical conductivities of fullerene-derived nanowires. <i>Journal of Materials Chemistry</i> , 2004 , 14, 914		10
84	Electrochemical Construction of Novel C60 Derivative/PPV Composite Adlayer on Cu(111) and Their Current/Voltage Characteristics. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 965-970	3.4	7
83	Interface Assembly Synthesis of Inorganic Composite Hollow Spheres. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 9734-9738	3.4	58

82	STM Study of Two-Dimensional Assemblies of Tricarboxylic Acid Derivatives on Au(111). <i>Journal of Physical Chemistry B</i> , 2004 , 108, 11251-11255	3.4	42
81	Identification of the Preferential-Bonding Effect of Disubstituted Alkane Derivatives Using Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 620-624	3.4	22
80	Novel Structure of Fullerenes and Endohedral Fullerenes. <i>Materials Research Society Symposia Proceedings</i> , 2003 , 775, 1031		1
79	Study of Amyloid adsorption and aggregation on graphite by STM and AFM. <i>Science Bulletin</i> , 2003 , 48, 437-440		5
78	Controlled assembly of copper phthalocyanine with 1-iodooctadecane. <i>Science Bulletin</i> , 2003 , 48, 1519-1524		4
77	Structure of self-assembled monolayer of NPAN on Au(111) electrode. <i>Science Bulletin</i> , 2003 , 48, 1952-1955		2
76	2D self-assembling of 4, 5-didodecylthiophthalonitrile on graphite surface. <i>Science Bulletin</i> , 2003 , 48, 742-745		
75	Surface morphology and nodule formation mechanism of cellulose acetate membranes by atomic force microscopy. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 1328-1335	2.9	12
74	Ordered NiCu Nanowire Array with Enhanced Coercivity. <i>Chemistry of Materials</i> , 2003 , 15, 664-667	9.6	105
73	Adlayer Structures of Calixarenes on Au(111) Surface Studied with STM. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 13111-13116	3.4	16
72	Self-Assembling of an Amphiphilic Polyacetylene Carrying l-Leucine Pendants: A Homopolymer Case. <i>Macromolecules</i> , 2003 , 36, 5447-5450	5.5	50
71	Effect of Chemical Structure on the Adsorption of Amino Acids with Aliphatic and Aromatic Substitution Groups: In Situ STM Study. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 8474-8478	3.4	16
70	Structure and Dynamic Process of Two-Dimensional Monodendron Assembly. <i>Chemistry of Materials</i> , 2003 , 15, 3098-3104	9.6	24
69	Photodimerization of P2VB on Au(111) in Solution Studied with Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 5116-5119	3.4	11
68	Highly Dispersed Metal Nanoparticles in Porous Anodic Alumina Films Prepared by a Breathing Process of Polyacrylamide Hydrogel. <i>Chemistry of Materials</i> , 2003 , 15, 4332-4336	9.6	55
67	Synthesis of a novel axially chiral amphiphile and study on its assembly behavior in two and three dimensions. <i>Chemical Communications</i> , 2003 , 1498	5.8	2
66	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. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1244		1
65	Adsorption of Aromatic Molecules at Solid/Liquid Interface Investigated by Electrochemical STM. <i>Hyomen Kagaku</i> , 2003 , 24, 726-733		

64	In Situ STM Evidence for Adsorption of Rhodamine B in Solution. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 4223-4226	3.4	23
63	Photoinduced organic nanowires from self-assembled monolayers. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2002 , 20, 2466		30
62	A Dimeric Structure of Bacteriochlorophyllide c Molecules Studied by Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 3037-3040	3.4	9
61	Adlayer Structures of Organic Molecules with Different Functional Groups on Cu(111) in Solution. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 11272-11276	3.4	7
60	Adlayer Structures of Pyridine, Pyrazine and Triazine on Cu(111): an in Situ Scanning Tunneling Microscopy Study. <i>Langmuir</i> , 2002 , 18, 5133-5138	4	21
59	Preparation and dispersion of Ni/Cu composite nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3422-3424	3.6	15
58	Self-assembled two-dimensional hexagonal networks. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2856-2858		47
57	STM observation of 1,3,5-triazines bearing rod-like benzeneazaphthalene moieties monolayers self-assembled on graphite surface. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1239-1241		2
56	Effect of humidity on the surface adhesion force of inorganic crystals by the force spectrum method. <i>Science Bulletin</i> , 2001 , 46, 912-914		7
55	Assemble four-arm DNA junctions into nanoweb. <i>Science Bulletin</i> , 2001 , 46, 1618-1621		
54	Direct visualization of telomeric DNA loops in cells by AFM. <i>Surface and Interface Analysis</i> , 2001 , 32, 32-37.5		5
53	Atomic force microscopy reveals the local ordering characteristics of nucleosomal chain from cell. <i>Surface and Interface Analysis</i> , 2001 , 32, 38-42	1.5	0
52	Identification of hydrogen bond characterizations of isomeric 4Bpy and 2Bpy by STM. <i>Surface and Interface Analysis</i> , 2001 , 32, 245-247	1.5	28
51	Theoretical study of the effects of intermolecular interactions in self-assembled long-chain alkanes adsorbed on graphite surface. <i>Surface and Interface Analysis</i> , 2001 , 32, 248-252	1.5	82
50	Adlayer structure of 1-C18H37 SH molecules: scanning tunnelling microscopy study. <i>Surface and Interface Analysis</i> , 2001 , 32, 256-261	1.5	11
49	Molecular organization of diolefinic compounds observed with scanning tunnelling microscopy. <i>Surface and Interface Analysis</i> , 2001 , 32, 262-265	1.5	1
48	Chain-length-adjusted assembly of substituted porphyrins on graphite. <i>Surface and Interface Analysis</i> , 2001 , 32, 266-270	1.5	44
47	Topography investigation of water layer and self-assembled monolayer with OTS-modified AFM tips. <i>Surface and Interface Analysis</i> , 2001 , 32, 275-277	1.5	6

46	Detection of shear force with a piezoelectric bimorph cantilever for scanning near-field optical microscopy. <i>Surface and Interface Analysis</i> , 2001 , 32, 289-292	1.5	3
45	Visualization of the intermediates in a uniform DNA condensation system by tapping mode atomic force microscopy. <i>Surface and Interface Analysis</i> , 2001 , 32, 15-19	1.5	7
44	Visualization of reconstituted solenoid chromatin structure by tapping mode atomic force microscopy. <i>Surface and Interface Analysis</i> , 2001 , 32, 20-26	1.5	2
43	Domain configuration and interface structure analysis of sol-gel-derived PZT ferroelectric thin films. <i>Surface and Interface Analysis</i> , 2001 , 32, 27-31	1.5	11
42	Branched nanowire based guanine rich oligonucleotides. <i>Journal of Biomolecular Structure and Dynamics</i> , 2001 , 18, 807-12	3.6	11
41	New Structure of L-Cysteine Self-Assembled Monolayer on Au(111): Studies by In Situ Scanning Tunneling Microscopy. <i>Langmuir</i> , 2001 , 17, 6203-6206	4	74
40	Adlayer Structures of Benzene and Pyridine Molecules on Cu(100) in Solution by ECSTM. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 8399-8402	3.4	21
39	Effect of Chemically Modified Tips on STM Imaging of 1-Octadecanethiol Molecule. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 10465-10467	3.4	18
38	Molecular Mechanics Study of the Inclusion of Trimethylbenzene Isomers in β -Cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000 , 37, 273-279		2
37	Formation of domain structure of erythrocyte membrane in Wistar rat fed with CeCl ₃ per os. <i>Science Bulletin</i> , 2000 , 45, 426-429		2
36	Circular dichroism spectroscopic studies on structures formed by telomeric DNA sequences in vitro. <i>Science Bulletin</i> , 2000 , 45, 1959-1963		2
35	Atomic force microscopy analysis of intermediates in cobalt hexamine-induced DNA condensation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000 , 18, 1-9	3.6	17
34	Enhancement of resolution of DNA on silylated mica using atomic force microscopy. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2000 , 18, 1858		9
33	Fold-back tetraplex DNA species in DNase I-resistant DNA isolated from HeLa cells. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000 , 17, 871-8	3.6	6
32	Alkane-Assisted Adsorption and Assembly of Phthalocyanines and Porphyrins. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5550-5556	16.4	267
31	Stabilization Effect of Alkane Buffer Layer on Formation of Nanometer-Sized Metal Phthalocyanine Domains. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 10502-10505	3.4	45
30	Electron-induced gasification reactions in the fabrication process on graphite surface using scanning tunneling microscopy. <i>Journal of Applied Physics</i> , 1999 , 86, 2342-2345	2.5	
29	Intermolecular forces between acetylcholine and acetylcholinesterases studied with atomic force microscopy. <i>Science in China Series B: Chemistry</i> , 1999 , 42, 449-457		

28	Investigation of various structures of DNA molecules (III) : Coil-globe transition of lambda-DNA induced by cationic surfactant. <i>Science in China Series C: Life Sciences</i> , 1999 , 42, 136-40		3
27	Fractal structure and fractal dimension determination at nanometer scale. <i>Science in China Series A: Mathematics</i> , 1999 , 42, 965-972		0
26	AFM as a surface probe Beyond structural information. <i>Surface and Interface Analysis</i> , 1999 , 28, 44-48	1.5	4
25	Friction Coefficients Derived from Apparent Height Variations in Contact Mode Atomic Force Microscopy Images. <i>Langmuir</i> , 1999 , 15, 7662-7669	4	40
24	Structural Studies on Host + Guest Recognition Sensory Systems. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1998 , 31, 197-204		
23	Atomic force microscopy observation of the condensates of the spermidine-DNA complexes. <i>Science in China Series B: Chemistry</i> , 1998 , 41, 418-423		1
22	Influence of loop sequence on relative stability of bimolecular triplex DNA. <i>Science in China Series C: Life Sciences</i> , 1998 , 41, 381-6		
21	STM studies on adsorbed liquid crystal on HOPG. <i>Science in China Series B: Chemistry</i> , 1998 , 41, 640-645		1
20	Theoretical studies on intratriplex DNA with 5-bromocytosine. <i>Science in China Series B: Chemistry</i> , 1998 , 41, 646-651		
19	Dynamic evolution of adhesion force between protein films studied by atomic force microscope. <i>Science Bulletin</i> , 1998 , 43, 1882-1886		
18	Circular dichroism spectra of different structures formed by the oligonucleotides. <i>Science Bulletin</i> , 1998 , 43, 1456-1460		1
17	Investigation of atomic structure ahead of crack tip by STM and AFM. <i>Science in China Series D: Earth Sciences</i> , 1998 , 41, 411-417		4
16	Effect of selective substitution of 5-bromocytosine on conformation of DNA triple helices. <i>Journal of Biomolecular Structure and Dynamics</i> , 1998 , 15, 895-903	3.6	0
15	The observation of the local ordering characteristics of spermidine-condensed DNA: atomic force microscopy and polarizing microscopy studies. <i>Nucleic Acids Research</i> , 1998 , 26, 3228-34	20.1	84
14	Threshold behavior of nanometer scale fabrication process using scanning tunneling microscopy. <i>Journal of Applied Physics</i> , 1997 , 81, 1227-1230	2.5	4
13	Piezoelectric push/pull micropositioner for ballistic electron emission microscope. <i>Review of Scientific Instruments</i> , 1997 , 68, 3803-3805	1.7	9
12	Hydrated water molecules of pyrimidine/purine/pyrimidine DNA triple helices as revealed by FT-IR spectroscopy: a role of cytosine methylation. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997 , 14, 485-93	3.6	9
11	Formation and characteristics of an unusual lambda-DNA species. <i>IUBMB Life</i> , 1997 , 43, 541-9	4.7	

10	Effect of loop on the stability of intramolecular triplex DNA. <i>Science in China Series B: Chemistry</i> , 1997 , 40, 650-656		1
9	Computational analysis of triplex formation of oligonucleotides: protonated and 5-methylated py-pu-py motif. <i>Science in China Series B: Chemistry</i> , 1997 , 40, 113-121		6
8	Influence of low energy ballistic electron on the transmittance properties of Au/Si interface studied by ballistic-electron-emission microscope. <i>Science Bulletin</i> , 1997 , 42, 1282-1286		1
7	Surface-Enhanced Fourier Transform Raman Scattering from a DNA Triple Helix Poly[dA]P Poly[dT] at a Silver Electrode: Beyond the Short-Range Mechanism. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 17410-17413		10
6	Morphological observations of single-chain glassy polystyrene by means of tapping mode atomic force microscopy. <i>Macromolecular Chemistry and Physics</i> , 1996 , 197, 2165-2174	2.6	15
5	Evidence of diffusion characteristics of field emission electrons in nanostructuring process on graphite surface. <i>Applied Physics Letters</i> , 1996 , 69, 348-350	3.4	10
4	Effect of selective cytosine methylation and hydration on the conformations of DNA triple helices containing a TTTT loop structure by FT-IR spectroscopy. <i>Journal of Biomolecular Structure and Dynamics</i> , 1995 , 13, 471-82	3.6	11
3	THE INVESTIGATIONS OF DIFFERENT NPP CRYSTAL SURFACE STRUCTURES BY AFM. <i>Journal of Nonlinear Optical Physics and Materials</i> , 1994 , 03, 45-53	0.8	
2	Magnetic Feshbach resonances in collisions of $^{23}\text{Na}^{40}\text{K}$ with ^{40}K . <i>New Journal of Physics</i> ,	2.9	5
1	Gadofullerene nanoparticles extend survival rate and down-regulate thrombin expression in orthotopic pancreatic cancer. <i>Science China Materials</i> ,1	7.1	