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1.Site-specific deposition of colloidal Pd nanoparticles on self-assembled microtubules from biolipid

Y. B. Fu (付玉彬), L. D. Zhang, J. Y. Zheng, et al  
Chinese J. Chem. 22, 1142 (2004)

2.Deposition features of Ni on self assembled microtubule template from biolipid by electroless method

Y. B. Fu (付玉彬), L. D. Zhang, J. Y. Zheng, et al  
Sci China Ser. B-Chemistry 47, 228(2004)

3.Feature analysis of helical ribbons in self-assembled microtubules from biolipid

Y. B. Fu (付玉彬), L. D. Zhang, J. Y. Zheng  
Acta Chim Sinica 62, 911 (2004)

4.Controlled growth and properties of one-dimensional ZnO nanostructures with Ce as activator/dopant

B. C. Cheng (程抱昌), Y. H. Xiao, G. S. Wu, et al  
Adv. Funct. Mater. 14, 913(2004)

5.The vibrational properties of one-dimensional ZnO : Ce nanostructures

B. C. Cheng (程抱昌), Y. H. Xiao, G. S. Wu, et al  
Appl. Phys. Lett. 84, 416(2004)

6.Controlled synthesis and characterization of large-scale, uniform Dy (OH) (3) and DY203 single-crystal nanorods by a hydrothermal method

G. Wang(王贵), Z. D. Wang, Y. X. Zhang, et al  
Nanotechnology 15, 1307(2004)

7.Growth of single-crystal ZnS nanobelts through a low-temperature thermochemistry route and their optical properties

B. Y. Geng (耿保友), Y. G. Zhang, G. Wang, et al  
Appl. Phys. A 79, 1761(2004)

8.Synthesis and photoluminescence properties of ZnMnS nanobelts

B. Y. Geng (耿保友), L. D. Zhang, G. Z. Wang, et al  
Appl. Phys. Lett. 84, 2157(2004)

9.Autocatalyzed template fabrication and magnetic study of Co-Fe-P nanowire arrays

X. Y. Yuan (袁孝友), G. S. Wu, T. Xie, et al  
Solid State Sci. 6, 735(2004)

10. Fabrication of Ni-W-P nanowire arrays by electroless deposition and magnetic studies  
X. Y. Yuan (袁孝友), T. Xie, G. S. Wu, et al  
Physica E 23, 75(2004)

11. Autocatalytic redox fabrication and magnetic studies of Co-Ni-P alloy nanowire arrays  
X. Y. Yuan (袁孝友), G. S. Wu, T. Xie, et al  
Solid State Commun. 130, 429 (2004)

12. Self-assembly synthesis and magnetic studies of Co-P alloy nanowire arrays  
X. Y. Yuan (袁孝友), G. S. Wu, T. Xie, et al  
Nanotechnology 15, 59(2004)

13. Synthesis, characterization and photoluminescence of aluminium nitride nanopowders through an AlCl<sub>3</sub> aided CVD route  
T. Xie (解挺), X. Y. Yuan, G. S. Wu, et al  
J Phys: Condens. Matter 16, 1639 (2004)

14. AlN serrated nanoribbons synthesized by chloride assisted vapor-solid route  
T. Xie (解挺), Y. Lin, G. S. Wu, et al  
Inorg. Chem. Commun. 7, 545 (2004)

15. Novel synthesis route to Y<sub>2</sub>O<sub>3</sub>: Eu nanotubes  
G. S. Wu (吴国胜), Y. Lin, X. Y. Yuan, et al  
Nanotechnology 15, 568 (2004)

16. Synthesis of Eu<sub>2</sub>O<sub>3</sub> nanotube arrays through a facile sol-gel template approach  
G. S. Wu (吴国胜), L. D. Zhang, B. C. Cheng, et al  
J. Am. Chem. Soc. 126, 5976 (2004)

17. An improved sol-gel synthetic route to large-scale CeO<sub>2</sub> nanowires  
G. S. Wu (吴国胜), X. Y. Yuan, T. Xie, et al  
Mater. Res. Bull. 39, 1023 (2004)

18. A simple synthesis route to US nanomaterials with different morphologies by sonochemical reduction  
G. S. Wu (吴国胜), X. Y. Yuan, T. Xie, et al  
Mater. Lett. 58, 794 (2004)

19. Intensive blue-light emission from semiconductor GaN nanowires sheathed with BN layers  
J. Zhang (张君), L. D. Zhang, F. H. Jiang, et al  
Chem. Phys. Lett. 383, 423(2004)

20. Synthesis and photoluminescence of  $\alpha$ -Al<sub>2</sub>O<sub>3</sub> nanowires  
X. S. Fang (方晓声), C. H. Ye, et al  
J Phys: Condens. Matter 16, 4157 (2004)

21. Novel SiO<sub>2</sub> Nanotubes: Synthesis from ZnS nanowires templates and Visible Photoluminescence at 616nm  
Y. Li (李艳), C. H. Ye, L. D. Zhang, et al

22. Sol-gel electrophoretic deposition and optical properties of Fe<sub>2</sub>O<sub>3</sub> nanowire arrays  
Y. Lin (林煜), F. Q. Sun, X. Y. Yuan, et al  
Appl. Phys. A 78, 1197 (2004)
23. Fabrication of large-scale zinc oxide ordered pore arrays with controllable morphology  
B. Q. Cao (曹丙强), W. P. Cai, F. Q. Sun, et al  
Chem. Commun. 14 1604(2004)
24. Ultrasonic solvent induced morphological change of Au colloids  
C. C. Li (李村成), W. P. Cai, C. X. Kan, et al  
Mater. Lett. 58, 196(2004)
25. Synthesis and optical characterization of Pd-Au bimetallic nanoparticles dispersed within monolithic mesoporous silica  
C. C. Li (李村成), W. P. Cai, C. X. Kan, et al  
Scripta Mater. 50, 1481(2004)
26. Morphology control and transferability of ordered through-pore arrays based on electrodeposition and colloidal monolayers  
F. Q. Sun (孙丰强), W. P. Cai, Y. Li, et al  
Adv. Mater. 16, 1116(2004)
27. Morphology-controlled growth of large-area two-dimensional ordered pore arrays  
F. Q. Sun (孙丰强), W. P. Cai, Y. Li, et al  
Adv. Funct. Mater. 14, 283(2004)
28. Synthesis and thermal stability of gold nanowires within monolithic mesoporous silica  
C. X. Kan (阚彩霞), W. P. Cai, G. H. Fu, et al  
Appl. Phys. A 78, 1187(2004)
29. Tree-like Ag nanostructures based on monolithic mesoporous silica  
C. X. Kan (阚彩霞), W. P. Cai, Hofmeister H  
J. Mater. Res. 19, 1328(2004)
30. Morphologic evolution and optical properties of nanostructured gold based on mesoporous silica  
C. X. Kan (阚彩霞), W. P. Cai, et al  
J. Appl. Phys. 96, 5727(2004)
31. An ambience-induced optical absorption peak for Au/SiO<sub>2</sub> mesoporous assembly  
G. H. Fu (傅干华), W. P. Cai, Y. J. Gan, et al  
Chem. Phys. Lett. 385, 15(2004)
32. 2D nanoparticle arrays by partial dissolution of ordered pore films  
Y. Li(李越), W. P. Cai  
Mater. Lett. 59, 276(2004)
33. Shape-controlled growth of one-dimensional Sb<sub>2</sub>O<sub>3</sub> nanomaterials  
Y. X. Zhang (张云霞), G. H. Li, J. Zhang, et al  
Nanotechnology 15, 762(2004)

34. Synthesis and characterization of hollow Sb<sub>2</sub>Se<sub>3</sub> nanospheres  
Y. X. Zhang (张云霞), G. H. Li, B. Zhang, et al  
Mater. Lett. 58, 2279(2004)
35. Growth of Sb<sub>2</sub>O<sub>3</sub> nanotubes via a simple surfactant-assisted solvothermal process  
Y. X. Zhang (张云霞), G. H. Li, L. D. Zhang  
Chem. Lett. 33, 334(2004)
36. Synthesis of indium hollow spheres and nanotubes by a simple template-free solvothermal process  
Y. X. Zhang (张云霞), G. H. Li, L. D. Zhang  
Inorg. Chem. Commun. 7, 334(2004)
37. Pulsed Electrodeposition of Large-Area, Ordered Bi<sub>1-x</sub>Sb<sub>x</sub> Nanowire Arrays from Aqueous Solutions  
L. Li (李亮), G. H. Li, Y. Zhang, Y. W. Yang, and L. D. Zhang,  
J. Phys. Chem. B 108, 19380(2004)
38. Novel synthesis of tin dioxide nanoribbons via a mild solution approach  
C. H. Ye (叶长辉), X. S. Fang, Y. H. Wang, et al  
Chem. Lett. 33, 54(2004)
39. Hierarchical structure: Silicon nanowires standing on silica microwires  
C. H. Ye (叶长辉), L. D. Zhang, X. S. Fang, et al  
Adv. Mater. 16, 1019(2004)
40. Origin of the green photoluminescence from zinc sulfide nanobelts  
C. H. Ye (叶长辉), X. S. Fang, G. H. Li, and L. D. Zhang  
Appl. Phys. Lett. 85, 3035(2004)
41. Structural characterization of long ZnSe nanowires  
C. Ye (叶长辉), X. Fang, et al  
Appl. Phys. A 79, 113(2004)
42. Synthesis of core-shell nanowires of FeCoNi alloy core with silicon oxide layers  
Z. Jiang (姜治), T. Xie, B. Y. Geng, et al  
Inorg. Chem. Commun. 7, 812(2004)
43. Y-branched Bi nanowires with metal-semiconductor junction behavior  
Y. T. Tian (田永涛), G. W. Meng, Biswas SK, et al  
Appl. Phys. Lett. 85, 967(2004)
44. Alumina nanowire arrays standing on a porous anodic alumina membrane  
Y. T. Tian (田永涛), G. W. Me, T. Gao, et al  
Nanotechnology 15, 189(2004)
45. Palladium nanoparticles on silicon by photo-reduction using 172 nm excimer UV lamps  
Q. Fang (方起), G. He, et al  
Appl. Surf. Sci. 226, 7(2004)
46. The structural and interfacial properties of HfO<sub>2</sub>/Si by the plasma oxidation of sputtered

metallic Hf thin films

G. He (何刚), Q. Fang, M. Liu, et al

J. Cryst. Growth. 268, 155(2004)

47. The structure and thermal stability of TiO<sub>2</sub> grown by the plasma oxidation of sputtered metallic Ti thin films

G. He (何刚), Q. Fang, L. Q. Zhu, et al

Chem. Phys. Lett. 395, 259(2004)

48. Water vapour-induced enhancement of the surface plasmon resonance for Ag nanoparticles dispersed within pores of mesoporous silica

Y. J. Gan (甘燕杰), W. P. Cai, G. H. Fu, et al

J Phys: Condens. Matter 16, L201 (2004)

49. A Simple Method for Synthesizing Copper Nanotube Arrays

Y. H. Wang (王银海), C. H. Ye, X. S. Fang, and L. D. Zhang

Chem. Lett. 33, 166 (2004)

50. Polarization properties of ordered copper nanowire microarrays embedded in anodic alumina membrane

J. X. Zhang (张俊喜), L. D. Zhang, C. H. Ye, et al

Chem. Phys. Lett. 400, 158(2004)

51. 胶体晶体和基于胶体晶体的纳米结构

曹丙强, 蔡伟平, 李越, 孙丰强

物理 33, 127(2004)

52. Internal friction evidence of the intrinsic inhomogeneity in La<sub>0.67</sub>Ca<sub>0.33</sub>MnO<sub>3</sub> at low temperatures

Y. Q. Ma (马永青), W. H. Song, R. L. Zhang, et al

Phys. Rev. B 69, 134404(2004)

53. The current-induced effect on charge-ordered state in La<sub>5/8-y</sub>Pr<sub>y</sub>Ca<sub>3/8</sub>MnO<sub>3</sub> manganite

Y. Q. Ma (马永青), W. H. Song, J. M. Dai, et al

Phys. Rev. B 70, 054413(2004)

54. Structural, magnetic, and transport properties of the Cu-doped manganite La<sub>0.85</sub>Te<sub>0.15</sub>Mn<sub>1-x</sub>Cu<sub>x</sub>O<sub>3</sub> (0 ≤ x ≤ 0.20)

J. Yang (杨杰), W. H. Song, Y. Q. Ma, R. L. Zhang, et al

Phys. Rev. B 70, 092504(2004)

55. Structural, magnetic and transport properties in the Pr-doped manganites La<sub>0.9-x</sub>Pr<sub>x</sub>Te<sub>0.1</sub>MnO<sub>3</sub>

J. Yang (杨杰), W. H. Song, Y. Q. Ma, R. L. Zhang, et al

Phys. Rev. B 70, 144421(2004)

56. The influence of Co doping on the charge-ordering state of bilayered manganites LaSr<sub>2</sub>Mn<sub>2</sub>O<sub>7</sub>

R. L. Zhang (张瑞丽), W. H. Song, Y. Q. Ma, et al

Phys. Rev. B 70, 224418 (2004)

57. The influence of Cr doping on the charge-ordering state in bilayered LaSr<sub>2</sub>Mn<sub>2</sub>O<sub>7</sub>

R. L. Zhang (张瑞丽), B. C. Zhao, W. H. Song

J. Appl. Phys. 96, 4965(2004)

58. Photoinduced spin-state transition of  $\text{Co}^{3+}$  in the layered  $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_{1.8}\text{Co}_{0.207}$  thin film  
R. L. Zhang (张瑞丽), W. H. Song, et al  
J Phys: Condens. Matter 16, 2245(2004)
59. The effect of oxygen content on the magnetic cluster in the paramagnetic region of  $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_y$   
Y. Q. Ma (马永青), W. H. Song, J. Yang, B. C. Zhao, et al  
J Phys: Condens. Matter 16, 7083 (2004)
60. Internal friction study on the phase separation behavior in  $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$   
Y. Q. Ma (马永青), W. H. Song, B. C. Zhao, R. L. Zhang, et al  
J Phys: Condens. Matter 16, 7447 (2004)
61. Reply to the comment on paper "Effect of Ag substitution on the transport property and magnetoresistance of  $\text{LaMnO}_3$ "  
S. L. Ye, W. H. Song, J. M. Dai, et al  
J. Magn. Magn. Mater. 270, 244(2004)
62. Influence of rotating in-plane field on vertical Bloch lines in the walls of second kind of dumbbell domains  
H. Y. Sun (孙会元), H. N. Hu, Y.P. Sun, X.F. Nie  
J. Magn. Magn. Mater. 279, 241(2004)
63. The effect of Ho doping and Ho adding on the transport and magnetic properties of  $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$   
R. L. Zhang (张瑞丽), Y. Feng, W. H. Song, et al  
J. Magn. Magn. Mater. 281, 318 (2004)
64. The effect of oxygen stoichiometry on electrical transport and magnetic properties of  $\text{La}_{0.9}\text{Te}_{0.1}\text{MnO}_y$   
J. Yang (杨杰), W. H. Song, R.L. Zhang, et al  
Solid State Communications 131, 393 (2004)
65. The effect of grain size on electrical transport and magnetic properties of  $\text{La}_{0.9}\text{Te}_{0.1}\text{MnO}_3$   
J. Yang (杨杰), B.C. Zhao, R.L. Zhang, et al  
Solid State Commun. 132, 83 (2004)
66. The transport properties and magnetic coupling in the trilayered films of  $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{(La}_{0.3}\text{Nd}_{0.7})_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$   
J. M. Dai (戴建明), W. H. Song, R. L. Zhang, et al  
Phys. stat. sol. (a) 201, 556 (2004)
67. Photo-induced effect in the layered perovskite manganite  $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_{1.8}\text{Co}_{0.207}$   
R. L. Zhang (张瑞丽), J. M. Dai, W. H. Song, et al  
Sci China Ser. G-Physics and Astronomy 47, 113 (2004)
68. Fabrication of  $\text{La}_{0.8}\text{Na}_{0.2}\text{Mn}_{1-x}\text{Cu}_x\text{O}_3$  ( $x = 0, 0.5$ ) thin films on YSZ substrates via chemical solution deposition  
X. B. Zhu (朱雪斌), J. Yang, B. C. Zhao, et al  
J. Physics D: Appl. Phys. 37, 2347 (2004)

69. Enhanced flux pinning in (Bi,Pb)-2223/Ag tapes by slight Ni doping  
R. C. Ma (马荣超), W. H. Song, X.B.Zhu, et al  
Physica C 405, 34 (2004)
70. Imperfection of flux pinning classification based on the pinning center size  
R. C. Ma (马荣超), Y. F. Ma, W. H. Song, et al  
Physica C 411, 77(2004)
71. Preparation of SrTiO<sub>3</sub> buffer layers on Ba<sub>x</sub>Sr<sub>1-x</sub>TiO<sub>3</sub> seed layers buffered Ni tapes by chemical solution deposition  
X. B. Zhu (朱雪斌), S. M. Liu, H. R. Hao, et al  
Physica C 411, 143 (2004)
72. Growth of SrTiO<sub>3</sub> thin films on Ba<sub>x</sub>Sr<sub>1-x</sub>TiO<sub>3</sub> (x = 0.3, 0.5) seed layers on Ni (200) substrates using spin coating technique  
X. B. Zhu (朱雪斌), S. M. Liu, H. R. Hao, et al  
Scripta Materialia 51, 659 (2004)
73. Effect of seed layers on the preparation of SrTiO<sub>3</sub> buffer layers on Ni tapes via sol-gel method  
X. B. Zhu (朱雪斌), L. Chen, S. M. Liu, et al  
Physica C 415, 57 (2004)
74. Resistivity-temperature characteristics of Y-deficient YBCO thin films derived by TFA-MOD method  
L. Zhang (张丽), X. B. Zhu, W. H. Song, et al  
Physica C 415, 79 (2004)
75. The temperature influence on the microscopic characteristics of plastic deformation morphologies in nanocrystalline Ni-Fe investigated with atomic force microscope  
X. Y. Qin (秦晓英), X. G. Zhu, J. S. Lee  
Scripta Mater. 50, 489 (2004)
76. Electrical Resistivity and Thermopower of Intercalation Compounds Bi<sub>2</sub>TiS<sub>2</sub>  
D. Li (李地), X. Y. Qin, J. Liu, H. S. Yang  
Phys. Lett. A 328, 493 (2004)
77. Effect of pore combination on the mechanical properties of an open cell aluminum foam  
F. S. Han (韩福生), H. F. Cheng, J. X. Wang, Q. wang,  
Script. Mater. 40, 13 (2004)
78. Low-frequency damping behavior of CuAlMn shape memory alloy  
Q. Z. Wang (王清周), F. S. Han, and Q. Wang,  
Phys. Stat. Sol. (a) 201, 2910 (2004)
79. The internal friction peaks correlated to the relaxation of Al atoms in Fe-Al alloys  
Z. C. Zhou (周正存), F. S. Han, et al  
Acta Mater. 52, 4049 (2004)
80. Two internal friction peaks related to the thermoelastic martensitic transformations in non-isothermal measurement  
C. L. Gong, F. S. Han, Z. Li, M. P. Wang

81. Optimization of compaction and liquid-state sintering in sintering and dissolution process for manufacturing Al foams

Y. Y. Zhao, F. S. Han, T. Fung  
Mater. Sci. Eng. A 364, 117 (2004)

82. Mechanism of internal friction in bulk Zr<sub>65</sub>Cu<sub>17.5</sub>Al<sub>7.5</sub> metallic glass

B. Cai (蔡彬), L. Y. Shang, P. Cui, J. Eckert  
Phys. Rev. B 70, 184208 (2004)

83. Spin pump in the presence of a superconducting lead

Y. X. Xing (邢艳霞), B. Wang, Y. D. Wei, et al  
Phys. Rev. B 70, 245324 (2004)

84. Thermoelectric transport properties in atomic scale conductors

X. H. Zheng (郑小红), Z. Wei, Y. D. Wei, Z. Zeng, J. Wang  
J. Chem. Phys. 121, 8537 (2004)

85. Magnetic and Hyperfine Properties of Deoxymyoglobin and Nitrosylmyoglobin

Z. Z (曾雉), D. Guenzburger, D. E. Ellis  
J. Mol. Struct.-Theochem 678, 145 (2004)

86. Electronic state in two-dimensional Cobalt Oxides: Role of Electronic Correlation

L. J. Zou (邹良剑), J. L. Wang, Z. Zeng  
Phys. Rev. B 69, 132505 (2004)

87. Saturated adsorption of CO and coadsorption of CO and O<sub>2</sub> on Au-N(N=2-7) Clusters

D. W. Yuan (袁定旺), Z. Zeng  
J. Chem. Phys. 120, 6574 (2004)

88. Electronic Structure and Chemical Bonding of Ternary Silicides with AlB<sub>2</sub>-type Structure

J. L. Wang (王江龙), Z. Zeng and Q. Q. Zheng  
Physica C 408-410, 264 (2004)

89. Magnetic properties of MgCNi<sub>3</sub>-xFex by the first-principles study

X. H. Zheng (郑小红), Y. Xu, Z. Zeng, Elisa Baggio-Saitovitch  
Physica C 408-410, 154 (2004)

90. The magnetic Ground State and Anisotropic Property of UCoGa and UCoAl

Y. Xu (许英), Z. Zeng  
Physica C 408-410, 651 (2004)

91. Pressure-induced hard-to-soft transition of a single carbon nanotube

D. Y. Sun, D. J. Shu, M. Ji, F. Liu, M. Wang, X. G. Gong  
Phys. Rev. B 70, 165417 (2004)

92. Ab initio study on structural and electronic properties of Ba<sub>n</sub>O<sub>m</sub> clusters

G. Chen, Z. F. Liu, X. G. Gong  
J. Chem. Phys. 120, 8020 (2004)

93. Charge-induced structural changes in Al<sub>12</sub>C clusters



S. F. Li (李顺方), X. G. Gong

Phys. Rev. B 70, 075404 (2004)

94. Monte Carlo simulation of surface de-alloying of Au/Ni (110)

W. Fan (范巍), X. G. Gong

Surf. Sci. 562, 219 (2004)



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