

2005年被SCI收录的文章目录

1. All-optical switching of defect mode in two-dimensional nonlinear organic photonic crystals; Hu XY, Gong QH, Liu YH, et al; APPLIED PHYSICS LETTERS 87, 231111(2005).
2. Improving charge-injection balance and cathode transmittance of top-emitting organic light-emitting device with p-type silicon anode; G. L. Ma, G. Z. Ran, A. G. Xu, Y. H. Xu, Y. P. Qiao, W. X. Chen, L. Dai, G. G. Qin; Applied Physics Letters 87, 081106 (2005).
3. Electrical conductivity of a single C₆₀ nanotube; Y. J. Xing, G. Y. Jing, J. Xu, D. P. Yu; Applied Physics Letters 87, 263117 (2005).
4. Peculiar ZnO nanopushpins and nanotubes synthesized via simple thermal evaporation; Xianghui Zhang, Y.Zhang, J.Xu, Z.Wang, X.H. Chen, D.P.Yu; Applied Physics Letters 87, 123111 (2005).
5. Quantum interference effect in single Pt(Ga)/C nanowire; Z. M. Liao, J. Xu, Y. P. Song, Y. Zhang, Y. J. Xing, D. P. Yu; Applied Physics Letters 87, 182112 (2005)
6. Peculiar ZnO nanopushpins and nanotubes synthesized via simple thermal evaporation; X. H. Zhang, Y. Zhang, J. Xu, Z. Wang, X. H. Chen, D. P. Yu, P. Zhang, H. H. Qi and Y. J. Tian; Applied Physics Letters 87, 123111 (2005)
7. Synthesis and field emission properties of TiSi₂ nanowires; B. Xiang, Q. X. Wang, Z. Wang, X. Z. Zhang, L. Q. Liu, J. Xu, D. P. Yu; Applied Physics Letters 86, 243103 (2005)
8. Optical properties of highly ordered AlN nanowire arrays grown on sapphire substrate; Q. Zhao, H. Z. Zhang, X. Y. Xu, Z. Wang, J. Xu, D. P. Yu, G. H. Li, F. H. Su; Applied Physics Letters; 86,193101 (2005);
9. Morphological effects on the field emission of ZnO nanorod arrays; Q. Zhao, H. Z. Zhang, Y. W. Zhu, S. Q. Feng, X. C. Sun, J. Xu, D. P. Yu; Applied Physics Letters; 86,203115 (2005)
10. Large optical power limiting from self-assembly organic complexes; Yang Z, Wu ZK, Ma JS, Liu CL, Gong QH, et al; APPLIED PHYSICS LETTERS 86 061903 (2005)
11. Shift multiplexing by planar waveguide referencing; Yi T, Zhang JS, Yan LF, Gong QH, et al ; OPTICS LETTERS 30, 2236(2005)
12. Measurement of the collision time of dense electronic plasma induced by a femtosecond laser in fused silica; Sun Q, Jiang HB, Liu Y, Gong QH, et al ; OPTICS LETTERS 30, 320 (2005)
13. Patterned growth of ZnO nanorod arrays on a large-area stainless steel grid;X. Y. Xu, H. Z. Zhang, Q. Zhao, Y. F. Chen, J. Xu, D. P. Yu; Journal of Physical Chemistry B 109, 1699 (2005)
14. Bicrystalline hematite nanowires;R. M. Wang, Y. F. Chen, Y. Y. Fu, H. Zhang, C. Kisielowski; Journal of Physical Chemistry B 109, 12245 (2005)
15. Verification of a scaling law in few-cycle laser pulses; Zhang XM, Zhang JT, Bai LH, Gong QH, et al; OPTICS EXPRESS 13, 8708 (2005)
16. Permanent computer-generated holograms embedded in silica glass by femtosecond laser pulses; Li Y, Dou YP, An R, Gong QH, et al; OPTICS EXPRESS 13, 2433(2005)

17. Broadband optical limiting and two-photon absorption properties of colloidal GaAs nanocrystals; Li QS, Liu CL, Liu ZG, Gong QH, et al; *OPTICS EXPRESS* 13, 1833, (2005)
18. Simultaneous multi-microhole drilling of soda-lime glass by water-assisted ablation with femtosecond laser pulses; An R, Li Y, Dou YP, Gong QH, et al ; *OPTICS EXPRESS* 13, 1855 (2005)
19. Synthesis of GaN nanotip triangle pyramids on 3C-SiC epilayer/Si substrates via an in situ In-doping technique;L. Dai, S. F. Liu, Z. X. Fu, L. P. You, J. J. Zhu, B. X. Lin, J. C. Zhang, G. G. Qin; *Journal of Chemical Physics* 122, 104713 (2005)
20. Similarity of dielectric resonance, local field distribution, and optical response in fractal composites; Dai B, Gu Y, Li C, Gong QH, et al; *PHYSICAL REVIEW B* 72, 064112 (2005)
21. Polar vibration spectra of interface optical phonons and electron-interface optical phonon interactions in a wurtzite GaN-AlN nanowire;L. Zhang, J. J. Shi, T. L. Tansley; *Physical Review B* 71, 245324 (2005)
22. Interplay of single-wall carbon nanotubes and encapsulated La@C82,La2@C80, and Sc3N@C80; J.Lu, Shigeru Nagase, Suyong Re, X.W.Zhang, D.P.Yu; *PHYSICAL REVIEW B* 71, 235417 (2005)
23. Dynamical exchange-correlation potentials in the spin channel for the two-dimensional electron liquid;Z. X. Qian; *Physical Review B* 72, 075115 (2005)
24. Lifetime of a quasiparticle in an electron liquid; Z. X. Qian and G. Vignale; *Physical Review B* 71, 075112 (2005)
25. Geometric alignment of CH₃I in an intense femtosecond laser field; Ma R, Wu CY, Xu N, Gong QH, et al; *CHEMICAL PHYSICS LETTERS* 415, 58 (2005).
26. Improvement in performance of organic light-emitting diodes by adjusting charge-carrier mobility in organic/inorganic hybrid hole transporting layer; Li FS, Chen ZJ, Liu CL, Gong QH, et al; *CHEMICAL PHYSICS LETTERS* 412 331 (2005)
27. Pi-pi interaction enhancement on the ultrafast third-order optical nonlinearity of carbon nanotubes/polymer composites; Wang ZW, Liu CL, Liu ZG, Gong QH, et al; *CHEMICAL PHYSICS LETTERS* 407, 35 (2005)
28. Double ionization of C₂H₄ and C₂H₆ molecules irradiated by an intense femtosecond laser field; Ma R, Wu CY, Huang J, Gong QH, et al; *CHEMICAL PHYSICS LETTERS* 404, 370 (2005)
29. Electronic structures of semiconducting double-walled carbon nanotubes: Important effect of interlayer interaction;W. Song, M. Ni, J. Lu, Z. X. Gao, S. Nagase, D. P. Yu, H. Q. Ye, X. W. Zhang; *Chemical Physics Letters* 414, 429 (2005)
30. Adsorption configuration of NH₃ on single-wall carbon nanotubes; J. Lu, S. Nagase, Y. Maeda, T. Wakahara, T. Nakahodo, T. Akasaka, D. P. Yu, Z. X. Gao, R. S. Han, H. Q. Ye; *Chemical Physics Letters*; 405, 90 (2005)
31. Magnetic properties of α -Fe₂O₃ nanowires; Y. Y. Xu, X. F. Rui, Y. Y. Fu, H. Zhang; *Chemical Physics Letters* 410, 36 (2005)
32. Intense femtosecond laser field-induced coulomb fragmentation of C₂H₄; Ma R, Li X, Ren HZ, Gong QH, et al; *INTERNATIONAL JOURNAL OF MASS SPECTROMETRY* 242, 43 (2005)
33. Femtosecond laser-induced dissociative ionization and Coulomb explosion of ethanol; Chen JX, Ma R, Ren HZ, Gong QH, et al; *INTERNATIONAL JOURNAL OF MASS SPECTROMETRY* 241 25 (2005)
34. Fabrication of two-dimensional organic photonic crystal filter; Hu X, Gong QH, Liu Y, et al; *APPLIED PHYSICS B-LASERS AND OPTICS* 81, 779 (2005)

35. Observation of B segregation on Si(113) by scanning tunneling microscopy; Ultramicroscopy; Z. H. Zhang, K. Sumitomo, F. Lin; Ultramicroscopy 105, 16 (2005)
36. Boronizing structures of Si(113) surfaces; Z. H. Zhang and K. Sumitomo; Surface Science 576, 83 (2005)
37. Polar interface optical phonon modes and Frohlich electron-phonon interaction Hamiltonians in wurtzite quantum well wires; L. Zhang; J. J. Shi; Semiconductor Science and Technology 20, 592 (2005)
38. Exciton States in Wurtzite InGaN Strained Coupled Quantum Dots: Effects of Piezoelectricity and Spontaneous Polarization; J.J.Shi, C.X.Xia, S.Y.Wei, Z.X.Liu; Journal of Applied Physics 97, 083705 (2005)
39. Effects of In surfactant on the crystalline and photoluminescence properties of GaN nanowires; L. Dai, S. F. Liu, L. P. You, J. C. Zhang, G. G. Qin; Journal of Physics-Condensed Matter 17, 445 (2005)
40. Physical origin of the ferromagnetic ordering above room temperature in GaMnN nanowires; Y. P. Song, P. W. Wang, H. Q. Lin, G. S. Tian, J. Lu, Z. Wang, Y. Zhang, D. P. Yu; Journal of Physics-Condensed Matter 17, 5073(2005)
41. Effect of noise on defect chaos in a reaction-diffusion model; H. L. Wang, O. Y. Qi; Chaos 15, 023702 (2005)
42. Influence of various annealing temperatures on microstructure evolution of oxidized Ni/Au ohmic contact to p-GaN studied by synchrotron X-ray diffraction; C. Y. Hu, Z. X. Qin, Z. Z. Chen, Z. J. Yang, T. J. Yu, X. D. Hu, K. Wu, Q. J. Jia, H. H. Wang, G. Y. Zhang; Journal of Crystal Growth 285, 333 (2005)
43. Temperature dependence of Raman scattering of ZnSe nanoparticle grown through vapor phase; G. W. Lu, H. Z. An, Y. Chen, J. H. Huang, H. Z. Zhang, B. Xiang, Q. Zhao, D. P. Yu, W. M. Du; Journal of Crystal Growth 274, 530 (2005)
44. Microstructure characterization of Al₂O₃ nanowires with networked rectangular nanostructure; Z. Wang, Q. Zhao, Y. Zhang, B. Xiang, D. P. Yu; European Physical Journal D 34, 303 (2005)
45. Electron energy loss spectroscopy, low energy electron diffraction, and auger electron spectroscopy study of Indium overlayers on Si(111) and Si(100) surfaces; M. H. Sun, C. Hu, R. G. Zhao, H. Ji; Thin Solid Films 489, 111 (2005)
46. Electroluminescence property of a novel dendritic polyfluorene derivative containing a triphenylamine group; Li FS, Chen ZJ, Qu B, Gong QH, et al; JOURNAL OF PHYSICS D-APPLIED PHYSICS 38, 847 (2005)
47. Field-emission properties of TiO₂ nanowire arrays; B. Xiang, Y. Zhang, Z. Wang, X. H. Luo, Y. W. Zhu, H. Z. Zhang, D. P. Yu; Journal of Physics D:Applied Physics 38, 1152 (2005)
48. Spontaneous magnetization in multi-junction superconducting pi rings when the junctions' critical currents are not equal; Z. Z. Li, F. R. Wang, T. Yang, X. Y. Liu, P. Ma, Y. D. Dai; Superconductor Science & Technology 18, 166(2005)
49. Photoemission study of chemisorption and Fermi-level pinning at K/GaAs(100) interface with synchrotron radiation; M. H. Sun, T. X. Zhao, C. Y. Jia, P. S. Xu, E. D. Lu, C. C. Hsu, H. Ji; Applied Surface Science 249, 340 (2005)
50. Preparation of GaN-based cross-sectional TEM specimens by laser lift-off; Z. L. Li, X. D. Hu, C. Ke, R. J. Nie, X. H. Luo, X. P. Zhang, T. J. Yu, B. Zhang, C. Song, Z. J. Yang, Z. Z. Chen, G. Y. Zhang; Micron 36, 281(2005)
51. Electron transport in an array of platinum quantum dots; Z. M. Liao, J. Xun and D. P. Yu; Physics

52. Growth of silica nanowire arrays by reaction of Si substrate with oxygen using Ga as catalyst; L. Dai, L. P. You, X. F. Duan, W. C. Lian, G. G. Qin; Physics Letters A 335, 304 (2005)
53. Electron quasi-confined-optical-phonon interactions in wurtzite GaN/AlN quantum wells; L. Li, D. Liu and J. J. Shi; European Physical Journal B 44, 401 (2005)
54. Thermal evaporation synthesis of zinc oxide nanowires; Y. J. Xing, Z. H. Xi, X. D. Zhang, J. H. Song, R. M. Wang, J. Xu, Z. Q. Xue, D. P. Yu; Applied Physics A 80, 1527 ((2005))
55. Tunable multichannel filter in nonlinear ferroelectric photonic crystal; Hu XY, Gong QH, Feng SA, et al; OPTICS COMMUNICATIONS 253, 138 (2005)
56. Different tendencies of breakdown threshold on pulse duration in the subpicosecond regime in fused silica; Liu Y, Jiang HB, Sun Q, Gong QH, et al; JOURNAL OF OPTICS A-PURE AND APPLIED OPTICS 7, 198 (2005)
57. Effect of spherical aberration on the propagation of a tightly focused femtosecond laser pulse inside fused silica; Sun Q, Jiang HB, Liu Y, Gong QH, et al; JOURNAL OF OPTICS A-PURE AND APPLIED OPTICS 7,655 (2005)
58. Optical properties of ZnS nanowires synthesized via simple physical evaporation; X. H. Zhang, Y. Zhang, Y. P. Song, Z. Wang, D. P. Yu; Physica E 28, 1 (2005)
59. Ferromagnetic GaMnN nanowires with T-c above room temperature; Y. P. Song, P. W. Wang, X. H. Zhang, D. P. Yu; Physica B 368, 16 (2005)
60. large-Scle Separation of Metallic and Semiconducting Single-Walled Carbon Nanotubes; Yutaka Maeda, Shin-ichi Kimura, J.Lu; J. AM. CHEM. SOC. 127, 10287 (2005)
61. Controlling Growth and Field Emission Properties of Silicon Nanotube Arrays by Multistep Template Replication and Chemical Vapor Deposition; X.H.Chen, D.P.Yu; Applied Physics Lette 87, 113104 (2005)
62. Intrinsic flux noise level of an rf SQUID involving two Josephson junctions connected in series; B. Mao, Y. D. Dai, F. R. Wang; Chinese Physics 14, 301 (2005)
63. Structure dependence of ultrafast third-order optical nonlinearity for Ge-Ga-Cd sulfide glasses; Wang ZW, Wang XF, Liu CL, Gong QH, et al; CHINESE PHYSICS 14, 551 (2005)
64. Ultrafast third-order optical nonlinearity of several sandwich-type phthalocyaninato and porphyrinato europium complexes; Huang WT, Yan L, Hong X, Gong QH, et al; CHINESE PHYSICS 14, 2226 (2005)
65. The multielectron dissociative ionization dynamics of N-2 molecule in intense femtosecond laser fields with arbitrary polarization; Chen JX, Gong QH; CHINESE PHYSICS 14 ,1960 (2005)
66. Femtosecond photodeflection spectroscopy in thin monocrystalline plates of germanium; Pan XY, Chigarev NV, Gong QH; CHINESE PHYSICS 14, 212 (2005)
67. Study of temperature dependent electroluminescence of InGaN/GaN multiple quantum wells using low temperature scanning near-field optical microscopy; G. Z. Xu, H. Liang, Y. Q. Bai, K. M. Lau and X. Zhu; Acta Physica Sinica 54, 5344 (2005)
68. 双结π环自发磁化的研究; 谭忠魁, 毛博, 王福仁, 李壮志, 聂瑞娟, 戴远东; 物理学报 54, 364 (2005)
69. 用扫描隧道显微镜操纵Cu亚表面自间隙原子; 葛四平, 朱星, 杨威生; 物理学报 54, 824 (2005)
70. 长链烷烃和醇在石墨表面吸附的扫描隧道显微镜研究; 陈永军, 赵汝光, 杨威生; 物理学报54, 284 (2005)
71. 在双热舟化学气相沉积系统中通过掺In技术生长GaN纳米线和纳米锥; 刘仕锋, 秦国刚, 尤力平, 张纪才, 傅竹西, 戴伦; 物理学报54, 4329 (2005)

72. Contrast reversal of topography artifacts in a transmission SNOM; Li Z, Wang SF, Zhang JS, Gong QH, et al; CHINESE PHYSICS LETTERS 22, 2186 (2005)
73. High-order harmonic generation by two non-collinear femtosecond laser pulses in CO; Wang RH, Jiang HB, Yang H, Gong QH, et al; CHINESE PHYSICS LETTERS 22, 1913 (2005)
74. Abnormal modulation of dielectric band transmittance of polystyrene opal; Hu XY, Gong QH, Cheng BY, et al; CHINESE PHYSICS LETTERS 22, 1930 (2005)
75. Femtosecond laser pumped conical emission and seeded ring amplification in BBO crystals; Zhang JS, Li FM, Wang SF, Gong QH, et al; CHINESE PHYSICS LETTERS 22, 1652 (2005)
76. Reduction of concentration quenching in a nondoped DCM organic light-emitting diode; Liu ZG, Chen ZJ, Gong QH; CHINESE PHYSICS LETTERS 22, 1536 (2005)
77. Bulk-quantity synthesis and conductive properties of comb-like dendritic ZnO nanostructures; Z. M. Liao, H. Z. Zhang, J. Xu, D. P. Yu; Chinese Physics Letters 22, 987 (2005)
78. Fabrication of a two-dimensional organic photonic crystal; Hu XY, Li Y, Gong QH, et al; CHINESE PHYSICS LETTERS 22, 373 (2005)
79. Exact Electronic Properties in the Classically Forbidden Region of a Metal Surface; Z.X.Qian, Virahrt Sahni; International Journal of Quantum Chemistry 104, 929 (2005)
80. Encapsulations of La@C82 and La-2@C80 inside single-walled boron nitride nanotubes; W. Song, M. Ni, J. Lu, Z. X. Gao, S. Nagase, D. P. Yu, H. Q. Ye, X. W. Zhang; Journal of Molecular Structure-Theochem 130, 121 (2005)
81. Coating thick MgB2 layer on stainless steel substrate; C. P. Chen, Q. R. Feng, Z. Z. Gan, G. C. Xiong, J. Xu, Y. F. Liu, L. W. Kong, L. Li, Z. Jia, J. P. Guo, C. G. Zhuang, L. L. Ding, L. P. Chen, F. Li, K. Zhang; Chinese Science Bulletin 50, 719 (2005)
82. Structural evolution of [2+1] cycloaddition derivatives of single-wall carbon nanotubes: From open structure to closed three-membered ring structure with increasing tube diameter; J. Lu, S. Nagase, X. W. Zhang, Y. Maeda, T. Wakahara, T. Nakahodo, T. Tsuchiya, T. Akasaka, D. P. Yu, Z. X. Gao, R. S. Han, H. Q. Ye; Journal of Molecular Structure-Theochem 725, 255 (2005)
83. Calculation of linear and nonlinear intersubband refractive-index changes in an asymmetrical semiparabolic quantum well with applied electric field; L. Zhang and J. J. Shi; Physica Status Solidi B-Basic Solid State Physics 242, 1001 (2005)
84. Polaron effects due to interface optical-phonons in wurtzite GaN/AlN quantum wells; Y. H. Zhu and J. J. Shi; Physica Status Solidi B-Basic Solid State Physics 242, 1010 (2005)
85. Microstructure evolution of oxidized Ni/Au ohmic contacts to p-GaN studied by X-ray diffraction; C. Y. Hu, Z. X. Qin, Z. Z. Chen, H. Yang, K. Wu, Q. Wang, Z. J. Yang, T. J. Yu, X. D. Hu, G. Y. Zhang; Materials Science in Semiconductor Processing 8, 515 (2005)
86. Study of invariant T-c in higher doping level Y_{1-x}CaxBa_{2-x}LaxCu₃O_y; X. F. Sun, H. L. Du, X. F. Rui, L. Zhang, F. Wang; H. Zhang; International Journal of Modern Physics B 19, 307 (2005)
87. Anomalous thermal effect of Y_{1-x}CaxBa₂Cu₃O_y; L. Zhang, X. F. Sun, X. F. Rui and H. Zhang; International Journal of Modern Physics B 19, 315 (2005)
88. Structural changes of Ni-doped YBCO at different temperature; L. Zhang, H. L. Du, X. F. Rui, X. F. Sun and H. Zhang; International Journal of Modern Physics B 19, 319 (2005)
89. Doping effect of nano-YBCO additive on MgB₂; X. F. Rui, X. F. Sun, X. L. Xu, L. Zhang, H. Zhang; International Journal of Modern Physics B 19, 375 (2005)
90. Thermal evaporation synthesis of ZnO microshells; Y. J. Xing, D. P. Yu, Z. H. Xia, Z. Q. Xue;

91. Growth and optical properties of ZnSe nanoparticles Via Thermal Evaporation Method; Q.Zhao, H.Z.An, X.H.Luo, B.Xiang, D.P.Yu; International Journal of Modern Physics B 19, 2710 (2005)
92. Synthesis of α -Fe₂O₃ Nanowires and its Magnetic Properties; Y.W.Liu, X.F.Rui, Y.Y.Fu, H.Zhang; Journal of Metastable and Nanocrystalline Materials 23, 243 (2005)
93. Micro/nano-fabrication of condensed matters by near infrared femtosecond laser pulses; Li Y, Guo HC, An R, Gong QH, et al ; JOURNAL OF INFRARED AND MILLIMETER WAVES 24, 182 (2005)
94. Optical limiting property of nanoparticles from a copper phthalocyanine-fullerene dyad; Tian ZY, He CJ, Liu CL, Gong QH, et al; MATERIALS CHEMISTRY AND PHYSICS 94, 444 (2005)
95. Dispersion of Interface Optical Phonons and Their Coupling with Electrons in Asymmetrical Wurtzite GaN/Ga_{1-x}Al_xN Quantum Wells; L.Zhang, S.Gao, J.J.Shi; Surface Review and Letters 12, 433 (2005)
96. Uniform Descriptions of Electron-IO Phonon Interaction in Structures of Multi-layer Coupling Low-dimensional Systems; L.Zhang, J.J.Shi; Commun.Theor.Phys 44, 177 (2005)
97. Localized Excitons in Self-Assembled In_xGa_{1-x}N Quantum Dots; X.Q.Dai, F.Z.Huang, J.J.Shi; Modern Physics Letters B 19, 589 (2005)