

华中科技大学激光技术与工程研究院 2002 年发表论文

[作者] 华中科技大学激光技术与工程研究院

[单位] 华中科技大学激光技术与工程研究院

[摘要] 华中科技大学激光技术与工程研究院 2002 年发表论文。

[关键词] 华中科技大学, 激光技术与工程研究院, 发表论文, 国际刊物

国际刊物 (共 47 篇)

* 为激光技术实验室对外开放客座研究人员发表的论文

1. Quadrature-dependent bogoliubov transformations and multi photon squeezed states

吴颖, Robin C ?t é

PHYSICAL REVIEW A, 2002, Vol.66, 025801, P1-4

2. Bistability and quantum fluctuations in coherent photoassociation of a bose-einstein condensate

吴颖, Robin C ?t é

PHYSICAL REVIEW A, 2002, Vol.65, 053603, P1-5

3. Theory of two-colour stimulated coherent photassociation of a bose-einstein condensate ... 10

吴颖

J. Phys. B: At Mol. Opt. Phys. 2002, Vol.35, P4271-4277

4. A novel routing optical matrix switching method

曹明翠, 胡巧燕, 万助军, 罗风光

Optics Communications, 2002, Vol.204, P163-170

5. Experimented study of thermal deformation of honey combed PCM cooled mirror in resonator

孙峰, 余文峰, 程祖海, 张耀宁

Lasers in Engineering, 2002, Vol.12, No.4, P271-280

6. Characteristics of Ba_{6-3x}Nd_{8+2x}Ti₁₈O₅₄ microwave dielectric ceramics derived from Ethylenediaminetetraacetic acid precursors

徐业彬, 何艳艳, Xingming Chen, Xiaobin Zhang, Liangbing Wang

J.Mater Sci. Mater in Electronics, 2002, Vol.13, P197-201

7. Polarization compression of large dynamic range laser returned signals from water surface and underwater

杨克成, 朱晓, Yi Li, Jinzhang Lin, Hui Yang, 李再光

J. Phys. D: Applied Physics, 2002, Vol.35, P935-938

8. *An analytical solution for transverse thermal conductivities of unidirectional fibre composites with thermal barrier

Mingqing Zou, 郁伯铭, 张端明

J. Phys. D: Applied Physics, 2002, Vol.35, P1867-1874

9. Polymeric precursor synthesis of $Ba_{6-3x}Nd_{8+2x}Ti_{18}O_{54}$ powders
徐业彬, 何艳艳
Ceramic International, 2002, Vol.28, P75-78
10. *Study of the interfacial reaction of SiC-Al in 6061 Al reinforced with SiC whisker at laser beam
刘黎明, MEILI ZHU, 许德胜, 王涛
Composite Interfaces, 2002, Vol.9, No.2, P135-142
11. *Scaling behavior of dynamic hysteresis in multi-domain spin systems
刘俊明, H.L. Chan, C.L.Choy
Materials Letters, 2002, Vol.52, P213-219
12. *Magnetic polaron conduction above the Curie temperature in Fe-doped $Pr_{0.75}Sr_{0.25}MnO_3$
刘俊明, T. Yu, Q. Huang, J. Li, Z.X. Shen, C.K. Ong
J. Phys: Condens. Matter, 2002, Vol.14, PL141-L147
13. *Oxygen-deficiency-activated anomalous transport in $La_{2/3}Sr_{1/3}MnO_3$ -d thin films deposited by laser
刘俊明, Y.X. Zhang, Z.G. Liu, Y.W. Du, H.H. Zhang, Z. Yu, C.K. Ong
J. Phys: Condens. Matter, 2002, Vol.14, P3167-3173
14. *Preparation of nanosized $La_{0.7}Sr_{0.3}MnO_3/Pr_{0.5}Sr_{0.5}MnO_3$ composites with enhanced low-field magnetoresistance
G.L. Yuan, 刘俊明, Z.G. Liu, Y.W. Du, H.L.W.Chan, C.L. Choy
Materials Chemistry and Physics, 2002, Vol.75, P161-165
15. *Dynamic hysteresis in ferroelectric systems: experiment and Monte Carlo simulation
刘俊明, W.M. Wang, Z.G. Liu, H.L. Chan, C.L. Choy
Appl. Phys. A, 2002, Vol.75, P507-514
16. *Micromechanical properties of carbon nitride films deposited by radio-frequency-assisted filtered cathodic vacuum arc
程宇航, B.K. Tay, S.P. Lau, X.L. Qiao, J.G. Chen, Z.H. Sun, C.S. Xie
Appl. Phys. A. 2002, Vol.75, P375-380
17. *Synthesis of carbon nitride films by direct current plasma assisted pulsed laser deposition
程宇航, X.L. Qiao, J.G. Chen, Y.P. Wu, C.S. Xie, S.B. Muo, Y.B. Sun, B.K. Tay
Appl. Phys. A. 2002, Vol.74, P225-231
18. Evolution of separate screening soliton pairs in a biased series photorefractive crystal circuit
刘劲松, 郝中华
PHYSICAL REVIEW E, 2002, Vol.65, 066601, P1-12
19. Higher-order space-charge field effects on the self-deflection of bright screening photovoltaic spatial solitons
刘劲松, 郝中华
J. Opt. Soc. Am. B, 2002, Vol.19, No.3, P513-521
20. Separate spatial soliton pairs and solitons interaction in an unbiased series photorefractive crystal circuit

刘劲松

Physics Letters A, 2002, Vol.300, P213-220

21. *Electron microscopy study of excimer laser-treated Ti-6Al-4V

梅志, T.M.YUE, J.K.YU

JOURNAL OF MATERIAL'S SCIENCE LETTERS, 2002, Vol.21, P1907-1910

22. Optimal design of narrow-band filter with genetic arithmetic

杨明红, 刘劲松, 陈清明,

J. Opt. Commun. 2002, Vol.23, No.795, P1-3

23. Rate-equation-based thermal VCSEL model and its equivalent circuit application in transceiver module design

杨宜, 阮玉, 李正佳

J. Opt. Commun. 2002, Vol.23, No.6, P205-208

24. *Effect of laser fluences on the structure of carbon nitride films deposited by direct current plasma assisted pulsed laser ablation

程宇航, X.L. Qiao, J.G. Chen, Y.P. Wu, C.S. Xie, Y.Q. Wang, 许德胜, S.B. Mo, Y.B. Sun

Surface and Coatings Technology, 2002, Vol.160, P269-276

25. *Electrical properties of TiN films deposited by filtered cathodic vacuum arc

程宇航, B.K. Tay, S.P. Lau

J. Vac. Sci. Technol. B, 2002, Vol.20, No.5, P2000-2006

26. *Substrate bias dependence of the structure and internal stress of TiN films deposited by the filtered cathodic vacuum arc

程宇航, B.K. Tay, S.P. Lau

J. Vac. Sci. Technol. B, 2002, Vol.20, No.4, P1327-1337

27. *Influence of deposition temperature on the structure and internal stress of TiN films deposited by filtered cathodic vacuum arc

程宇航, B.K. Tay, S.P. Lau

J. Vac. Sci. Technol. B, 2002, Vol.20, No.4, P1270-1274

28. *Substrate bias dependence of raman spectra for TiN films deposited by filtered cathodic vacuum arc

程宇航, B.K. Tay, S.P. Lau

JOURNAL OF APPLIED PHYSICS, 2002, Vol.92, No.4, P1845-1949

29. *Dependence of the composition and bonding structure of carbon nitride films deposited by direct current plasma assisted pulsed laser ablation on the deposition temperature

程宇航, X.L. Qiao, J.G. Chen, Y.P. Wu, C.S. Xie, Y.Q. yang, 许德胜, S.B. Mo, Y.B. Sun

Diamond and Related Materials, 2002, Vol.11, P1511-1517

30. *Complex-order fourier transforms and their implementation

Changtao Wang, 吕百达

Optik, 2002, Vol.113, No.8, P337-342

31. *The aperture effect on the propagation of partially polarized Gaussian Schell-model beams

LiuZhan Pan, 吕百达

- Optik, 2002, Vol.113, No.8, P325-328
32. *Propagation of the kurtosis parameter of Hermite-cosh-Gaussian beams
Shirong Luo, 吕百达
Optik, 2002, Vol.113, No.8, P329-332
33. *Study of the correspondence between flat-topped multi-Gaussian beams and super-Gaussian beams
吕百达, Binzhong Li
J. Opt. A: Pure Appl. Opt. 2002, Vol.4, P509-513
34. *Stochastic multi resonance in a bistable sawtooth potential driven by correlated multiplicative and additive noise
J.Wang, 曹力, 吴大进
Eur. Phys. J. B, 2002, Vol.29, P123-128
35. *Moments of intensity of single-mode laser driven by additive and multiplicative colored noises with colored cross-correlation
梁贵云, 曹力, 吴大进
Physics Letters A, 2002, Vol.294, P190-198
36. *Liquid crystal alignment on polyimide surface with laser-induced periodic surface microgroove
路庆华, Xue-Min Lu, Jie Yin, Zi-Kang Zhu, Zong-Guang Wang and Hiroyaki Hiraoka
Jpn. J. Appl. Phys. 2002, Vol.41, No.7A, P1-4
37. *Periodic microstructure induced by 532nm polarized laser illumination on poly(urethane-imide)film: orientation of the azobenzene chromophore
M. Li, 路庆华, J. Yin, Y.Sui, G. Li, Q. Qian, Z.G. Wang
Applied Surface Science, 2002, Vol.7783, P1-6
38. *Effects of post-thermal treatment on preparation of surface microstructures induced by polarized laser on polyimide film
M. Li, 路庆华, J. Yin, Y. Qian, Z. G. Wang
Materials Chemistry and Physics, 2002, Vol.9475, P1-4
39. *Variation of structure and properties in laser surface melted titanium aluminate during continuous heating
吴国清, 黄正, 林建国
Materials Letters, 2002, Vol.56, P606-609
40. *Monolithic integration technique for microlens arrays with infrared focal plane arrays
陈四海, 易新建, Linbing Kong, Miao He, Hongchen Wang
Infrared Physics & Technology, 2002, Vol.43, P109-112
41. *Ultrasonic nondestructive testing of superplastic solid-state welding joint for different steels
张柯柯, 杨蕴林, Chen Huaidong, Xue Jin
Journal Iron&Steel Research International, 2002, Vol.9, No.2, P58-61
42. Performance analysis of a novel 4 × 4 polarization-independent optical switch
罗风光
In Photonics Systems and Applications. SPIE, 2001, Vol.4595, P124-131
43. *Scaling of hysteresis dispersion in a model spin

- system..... 956
 刘俊明, H. L. W. Chan, C. L. Choy, C. K. Ong
 PHYSICAL REVIEW B, 2001, Vol. 65, 014416, P1-9
44. *On the deposition mechanism of a-C:H films by plasma enhanced chemical vapor deposition 965
 程宇航, Y. P. Wu, J. G. Chen, X. L. Qiao, C. S. Xie, B. K. Tay, S. P. Lau, X. Shi
 Surface and Coatings Technology, 2000, Vol. 135, P27-33
45. Coupling losses of rectangular waveguide resonators — Fourier analysis 983
 刘儿兀, 曹明翠, 徐启阳, 王新兵
 OPTICS EXPRESS, 2001, Vol. 8, No. 1, P11-16
46. Optimal Design of a Narrow-band Filter Compensate Layers Used in WDM Optical Fiber Communications System 989
 张晓晖, 汤玮, 陈清明, 朱伟明, 杨光
 SPIE, 2000, Vol. 4225, P271-275
47. Research on Anti-Reflecting Film Used in Optical Fiber Communication 994
 张晓晖, 杨光, 陈清明, 汤玮, 朱伟明
 SPIE, 2000, Vol. 4225, P267-270

<http://laser.hust.edu.cn/research.files/paper2002.htm>