

2012 年重点实验室学术论文发表情况

SCI 收录 22 篇 (1 区 2 篇, 2 区 7 篇, 3 区 3 篇, 其他 10 篇)、EI 收录 9 篇, 其他 5 篇

1. Y-X. Cui(崔艳霞), K. H. Fung, J. Xu, H. Ma, Y. Jin, S. He, and N. X. Fang*. Ultra-broadband light absorption by a sawtooth anisotropic metamaterial slab. **Nano Letters** 12(3), 1443 (2012). (SCI 1 区, EI)
2. S-D. Liu*(刘绍鼎), Z. Yang, R-P. Liu, and X-Y. Li. Multiple Fano resonances in plasmonic heptamer clusters composed of split nanorings. **ACS Nano** 6(7), 6260-6271 (2012). (SCI 1 区, EI)
3. S-D. Liu*(刘绍鼎), Z. Yang, R-P. Liu, and X-Y. Li. Radiative damping suppressing and refractive index sensing with elliptical split nanorings. **Applied Physics Letters** 100(20), 203119 (2012). (SCI 2 区, EI)
4. J-Z. Zhang(张建忠), Y-C. Wang*(王云才), M. Liu, L. G. Xue, P. Li, A. B. Wang, and M. J. Zhang. A robust random number generator based on differential comparison of chaotic laser signals. **Optics Express** 20(7), 7496-7506 (2012). (SCI 2 区, EI)
5. Y-X Cui*(崔艳霞), K. H. Fung, J. Xu, S. He, and N. X. Fang. Multiband plasmonic absorber based on transverse phase resonances, **Optics Express** 20(16), 17552-17559 (2012). (SCI 2 区, EI)
6. A-B. Wang(王安帮), N. Wang, Y-B. Yang, B-J. Wang, M-J. Zhang, and Y-C. Wang*(王云才). Precise fault location in WDM-PON by utilizing wavelength tunable chaotic laser. **J. Lightwave Technol** 30(21), 3420-3426 (2012). (SCI 2 区, EI)
7. Y. Wu(武媛), Y-C. Wang* (王云才), P. Li, A-B. Wang, and M. J. Zhang. Can Fixed Time Delay Signature be Concealed in Chaotic Semiconductor Laser With Optical Feedback? **IEEE J. Quantum Electron** 48(11), 1371-1379 (2012). (SCI 2 区, EI)
8. P. Li(李璞), Y-C. Wang*(王云才), A-B. Wang, and B. J. Wang. Fast and Tunable All-optical Physical Random Number Generator Based on Direct Quantization of Chaotic Self-pulsations in Two-section Semiconductor Lasers. **IEEE J. Quantum Electron** 19(4), (2012). (SCI 2 区, EI)
9. P. Li(李璞), Y-C. Wang*(王云才), A-B. Wang, L-Z. Yang, M-J. Zhang, and J-Z. Zhang. Direct generation of all-optical random numbers from optical pulse amplitude chaos. **Optics Express** 20(4), 4297-4308 (2012). (SCI 2 区, EI)
10. Y. Zhang(张叶), Y-Y. Hao*(郝玉英), W-X. Meng, H-X. Xu, H. Wang, and B-S. Xu. The characterization of electroplex generated from the interface between [2-(4-trifluoromethyl-2-hydroxyphenyl) benzothiazole] zinc and N, N'-diphenyl-N,N'-bis(1-naphthyl)-(1,1'-biphenyl)-4,4'-diamine. **Applied Physics A: Materials Science & Processing** 106(3), 709-715 (2012). (SCI 3 区, EI)
11. J-Z. Zhang(张建忠), Y-C. Wang*(王云才), L-G. Xue, J-Y. Hou, B. Zhang, A-B. Wang, and M-J. Zhang. Delay line length selection in generating fast random numbers with a chaotic laser. **Applied Optics** 51(9), 1709-1714 (2012). (SCI 3 区, EI)
12. Q. Yang(杨倩), Y-Y. Hao*(郝玉英), Z-G. Wang, Y-F. Li, H. Wang, and B-S. Xu. Double-emission-layer green phosphorescent OLED based on LiF-doped TPBi as electron transport layer for improving efficiency and operational lifetime, **Synthetic Metals** 162(3-4), 398-401 (2012). (SCI 3 区, EI)
13. X-C. Li*(李晓春), D-X. Qu, W-J. Wang, X-J. Zhao, L-L. Zhang, and X-J. Meng. The improved nonvolatile holographic storage sensitivity of near-stoichiometric LiNbO₃: Fe, Mn. **Chinese Optics Letters** 10 (12), 122101 (2012). (SCI 4 区, EI)

14. Y-Y. Guo(郭园园), Y. Wu, and Y-C. Wang*(王云才). Method to identify time delay of chaotic semiconductor laser with optical feedback. **Chinese Optics Letters** 10(6), 061901-61905 (2012). (SCI 4 区, EI)
15. B-J. Wang*(王冰洁), T. Zhao, and H. Wang. Improvement of signal-to-noise ratio in chaotic laser radar based on algorithm implementation. **Chinese Optics Letters** 5, 052801 (2012). (SCI 4 区, EI)
16. J-P. Qiao, Z-P. Zhu, X-Y. Yan, and J-M. Qin*(秦建敏). Fabrication and Performance of Micro-sensors for Methane Detection Based on In-Pd-Co-SnO₂ Composite Nanofibers. **Chinese Physics Letters** 29, 020701 (2012). (SCI 4 区)
17. 肖宝瑾, 候佳音, 张建忠, 薛路刚, 王云才*. 混沌半导体激光器的弛豫振荡频率对随机序列速率的影响. **物理学报** 61(15), 150502 (2012). (SCI 4 区)
18. 刘鏊, 郑建宇, 张明江*, 孟丽娜, 张朝霞, 王云才. 混沌超宽带信号的光学产生及其链路传输. **物理学报** 61(8), 084204 (2012). (SCI 4 区)
19. 梁君生, 武媛, 王安帮, 王云才*. 利用频谱仪提取双反馈混沌半导体激光器的外腔长度密钥. **物理学报** 61(3), 034211 (2012). (SCI 4 区)
20. 杨毅彪*, 王伟军, 费宏明, 梁伟, 王云才. 结构参数对二维 Archimedes A7 晶格光子晶体禁带的影响. **红外与毫米波学报** 31(4), 306-310 (2012). (SCI 4 区)
21. ZHANG Xiaogang, QUAN Long(权龙). Output Characteristics of a Series Three-port Axial Piston Pump. *Chinese Journal of Mechanical Engineering*, *中国机械工程学报(英文版)*, 3 (2012) (SCI 4 区)
22. YANG Jing, QUAN Long(权龙) Excavator Energy-saving Efficiency Based on Diesel Engine Cylinder Deactivation Technology. *Chinese Journal of Mechanical Engineering*, 5 (2012) (SCI 4 区)
23. B-Q. Jin*(靳宝全), and D-B. Chen. Improvement of hydraulic edge position control system by proportion sliding mode of self-tuning switching gain. **Research Journal of Applied Sciences, Engineering and Technology** 4(21), 4237-4244, 2012. (EI)
24. B-Q. Jin*(靳宝全), Y-H. Wang, and Q-L. wang. The Communication System for Power Monitoring in the Underground Coal Mine. **Advances in Information Sciences and Service Sciences** 4(21), 459-467, 2012. (EI)
25. 武兵. 基于支持向量回归的多参数设备故障预测方法. *振动、测试与诊断*. (2012). (EI)
26. 张红娟, 权龙, 李斌. 注塑机电液控制系统能量效率对比研究. *机械工程学报*. 4(2012). (EI)
27. Zhang Huajun, Quan Long(权龙). Improved PID control according to the given signal to determine the proportional, integral and differential parameter values. *ICIC Express Letters, Part B: Applications*. (2012). (EI)
28. Zhang Hongjuan(张红娟). The kinetic characteristics of the clamping unit in injection molding machine driven by new pump control system. *Advances in Information Sciences and Service Sciences*. (2012). (EI)
29. Zhang Huajun, Quan Long(权龙). Improved single-variable neuron closed-loop controller and its application in the full-hydraulic straightening machine. *Journal of Information and Computational Science*. (2012). (EI)
30. 杨洁明. Determination of Load Distribution in Yaw Bearing of Wind Turbine Using Coordinate Transformation Method. *工程力学*. (2012). (EI)
31. 姚爱英, 熊晓燕. 大型带钢轧机动态特性分析与动力学修改. *振动、测试与诊断*. (2012). (EI)
32. 郭园园, 武媛, 王云才*. 一种提取光反馈混沌激光器时延信息的谱分析方法. **应用光学** 33(3),

624-628 (2012).

33. 唐艳同*, 乔铁柱, 牛犇. 输送带纵向撕裂在线监测预警系统的设计. **煤矿机械** 33(5), 242-244, (2012).
34. 陈宁, 秦建敏*, 李国宏, 刘永强, 张宝森. 最小二乘法变点冰水情数据算法. **数学的实践与认识** 42, 108-114 (2012).
35. 刘永强, 秦建敏*, 陈宁, 李国宏, 张瑞锋. 额尔古纳河河道冰下水位自动监测系统. **内蒙古农业大学学报** 33, 153-157 (2012).
36. 王丽娟*, 梁海涛, 秦建敏, 任新华. 贪婪周边无状态路由转发算法 GPSR 的分析及改进. **太原理工大学学报** 43, 587-590 (2012).