List of Publications  
Jan 1999 to Dec 1999

Department: ELECTRICAL & COMPUTER ENGINEERING

**ARTICLE IN JOURNAL**

**INTERNATIONAL REFEREED**

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72. Choi*, W K, V Ng, S P Ng, H H Thio, Z X Shen and W S Li, "Raman characteristics of germanium nanocrystals in amorphous silicon oxide films synthesized by rapid thermal annealing". Journal of Applied Physics, 86, no. 3 (1999): 1398-1403. (United States).


<table>
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<th>No.</th>
<th>Author(s)</th>
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<tr>
<td>107</td>
<td>Sun*, J, L Li and Y W Chia</td>
<td>Linearised and Highly Efficient CDMA Power Amplifier</td>
<td>Electronics Letters</td>
<td>35, no. 10, part. 1999</td>
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<td>108</td>
<td>Lu*, Y F and S M Huang</td>
<td>Amorphous hydrogenated carbon synthesized by pulsed laser deposition from a liquid hydrocarbon</td>
<td>Applied Physics A - Materials Science &amp; Processing</td>
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<td>110</td>
<td>Ming, J, B Farhang-boroujeni, K C Indrakumar and G Mathew*</td>
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<td>111</td>
<td>Lim*, Y C, R Yang, D N Li and J J Song</td>
<td>Signed power-of-two term allocation scheme for the design of digital filters</td>
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<td>112</td>
<td>Kim*, J H, S I Woo, B Y Nam and W J Yoo</td>
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<td>113</td>
<td>Guan*, H, Y H Zhang, B B Jie, Y D He, M F Li*, Z Dong, J Xie and W D Li</td>
<td>Non-destructure DCIV method to evaluate plasma charging damage in ultra-thin gate oxides</td>
<td>IEEE Electron Device Letters</td>
<td>20, no. 5</td>
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<td>114</td>
<td>Kang*, X K, L W Li, M S Leong and P S Kooi</td>
<td>A spheroidal vector wave function analysis of field and SAR distributions in a dielectric prolate spheroidal human head model</td>
<td>Journal of Electromagnetic Waves and Applications</td>
<td>13, no. 5</td>
<td>1999</td>
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63. Foong*, K W C and SH Ong, "3-D visualisation applications in Orthodontics". 1st Franco-Singapore Biomedical Engineering Symposium - Biomedical Imaging and Biomaterials (13 Dec 1999, Auditorium, Clinical Research Centre, Singapore)


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252. Kassim*, ASHRAF A and L F Zhao, "Rate Scalable object based wavelet compression for color image regions". Picture Coding Symposium '99 (1999): 235-238. Portland, Oregon, USA. (Picture Coding Symposium '99, 1 Apr 1999)


280. Xiang*, N, J Lammasniemi, A B Kazantsev and M Pessa, "Silicon and Beryllium doping effects on band-gap energy and absorption coefficient of Ga0.47In0.53As grown by solid source MBE". *XXXIII annual conference of the Finnish physical society* (1999): 8.27 (XXXIII annual conference of the Finnish physical society, 4 - 6 Mar 1999, Turku, Finland)


320. Gopalaswamy*, S, S K Ng* and B Farhang-boroujeni*, "Performance comparison of detectors for DVD channel impaired by bloom and transition noise". The Joint International Symposium on Optical Memory and Optical Data Storage '99 (1999) (The Joint International Symposium on Optical Memory and Optical Data Storage '99, 1 Jul 1999, Hawaii, United States)


336. Chen, B M, "On some key properties of the special coordinate basis of linear systems". Proceedings of 14th IFAC Triennial World Congress (1999): 351-356 (Proceedings of 14th IFAC Triennial World Congress, 1 Jul 1999, Beijing, China)

337. Lin, Z and B M Chen, "Solutions to general H? almost disturbance decoupling problem with measurement feedback and internal stability for discrete-time systems". Proceedings of 14th IFAC Triennial World Congress (1999): 359-364 (Proceedings of 14th IFAC Triennial World Congress, 1 Jul 1999, Beijing, China)


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389. Guan*, S U and S S Lim, "Prioritized petri net with late token processing for distributed multimedia synchronization.". Iasted International Conference on Parallel and Distribute Computing and Systems. (3 Nov 1999, MIT, BOSTON, United States)


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396. Cowburn*, R P, D K Koltsov, A O Adeyeye and M E Welland, "Lateral interface anisotropy is nanomagnets". 44th Annual Conference on Magnetism and Magnetic Materials (15 - 18 Nov 1999, San Jose, California, United States)


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7. Tham, C K, "Nurturing Advanced Applications on Internet2 - the SingAREN Experience". IBM Internet2 Seminar (20 Apr 1999, Singapore)


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