

JUST Publications in 2008

- 1) Ababneh, J. I., and M. H. Bataineh. 2008. Linear phase FIR filter design using particle swarm optimization and genetic algorithms. *Digital Signal Processing: A Review Journal* 18, (4): 657-668.
- 2) Abd El-Hadi, M., S. Saq'an, A. Zihlif, and G. Ragosa. 2008. Electrical impedance properties of zeolite-epoxy composites. *Materials Technology* 23, (3): 152-157.
- 3) Abdel-Aal, N. M., A. T. Ahmad, E. S. Froelicher, A. M. S. Batiha, M. M. Hamza, and K. M. Ajlouni. 2008. Prevalence of dyslipidemia in patients with type 2 diabetes in Jordan. *Saudi medical journal* 29, (10): 1423-1428.
- 4) Abdelali-Martini, M., A. Amri, M. Ajlouni, R. Assi, Y. Sbieh, and A. Khnifes. 2008. Gender dimension in the conservation and sustainable use of agro-biodiversity in west Asia. *Journal of Socio-economics* 37, (1): 365-383.
- 5) Abdel-Hafeez, S., S. M. Harb, and W. R. Eisenstadt. 2008. High speed digital CMOS divide-by-N frequency divider. *Proceedings - IEEE International Symposium on Circuits and Systems*: 592-595.
- 6) Abdel-Hafeez, S. M., and A. S. Matalkah. 2008. CMOS eight-transistor memory cell for low-dynamic-power high-speed embedded SRAM. *Journal of Circuits, Systems and Computers* 17, (5): 845-863.
- 7) Abdelqader, A., M. Gauly, C. B. A. Wollny, and M. N. Abo-Shehada. 2008. Prevalence and burden of gastrointestinal helminthes among local chickens, in northern Jordan. *Preventive veterinary medicine* 85, (1-2): 17-22.
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- 10) Abdullah, A. Y., and R. I. Qudsieh. 2008. Carcass characteristics of Awassi ram lambs slaughtered at different weights. *Livestock Science* 117, (2-3): 165-175.
- 11) Abu Farsakh, M. G., and H. A. Abu Farsakh. 2008. Serum prostate-specific antigen, radiologic findings and gleason score in prostate biopsies in Jordan. *Hematology/oncology and stem cell therapy* 1, (3): 171-174.
- 12) Abualrub, R. F., and I. M. Al-Zaru. 2008. Job stress, recognition, job performance and intention to stay at work among Jordanian hospital nurses. *Journal of nursing management* 16, (3): 227-236.
- 13) Abu-Ashour, J., and A. Jamrah. 2008. Survival of bacteria in soil subsequent to greywater application. *International Journal of Environmental Studies* 65, (1): 51-56.
- 14) Abu-Basha, E. A., S. M. Gharaibeh, A. M. Abudabos, A. F. Shunnaq, and A. M. Al-Majali. 2008. Pharmacokinetics and bioequivalence of two norfloxacin oral dosage forms (vapcotril - 10%® and mycomas 10%®) in healthy broiler chickens. *International Journal of Poultry Science* 7, (3): 289-293.
- 15) Abu-Dallu, N., and L. Zeatoun. 2008. Study for monitoring air quality in JUST. *Air and Waste Management Association: Symposium on Air Quality Measurement Methods and Technology 2008*: 154-158.

- 16) Abughoush, M., M. Al-Mahasneh, M. Samhouri, M. Al-Holy, and T. Herald. 2008. Formulation and fuzzy modeling of viscosity of an orange-flavored carboxymethylcellulose-whey protein isolate beverage. *International Journal of Food Engineering* 4, (7).
- 17) Abu-Hijleh, B., J. Tu, and A. Subie. 2008. Effect of a rotor's aspect ratio and casing inlet/outlet geometry on the efficiency of a rotor-casing assembly. *International Journal of Vehicle Design* 48, (1-2): 1-22.
- 18) Abu-Jdayil, B., and K. Al-Malah. 2008. Jordanian clay-based heat insulator composites: Mechanical properties. *Journal of Reinforced Plastics and Composites* 27, (14): 1559-1568.
- 19) Abu-Jdayil, B., H. A. Mohameed, and A. Bsoul. 2008. Determination of optimal dead sea salt content in a cosmetic emulsion using rheology and stability measurements. *Journal of cosmetic science* 59, (1): 1-14.
- 20) Abu-Obeid, N., R. F. Hassan, and H. H. Ali. 2008. Quantifying the aesthetics of non-conventional structures: A comparison between architects, engineers and non-experts. *Structural Survey* 26, (2): 91-107.
- 21) Abu-Obeid, N., A. Ibrahim, and K. Al-Sallal. 2008. The effect of consistency between type and style on evaluative responses to mosques and non-religious buildings. *Architectural Science Review* 51, (2): 153-164.
- 22) Aidan, A., N. Abdel-Jabbar, T. H. Ibrahim, V. Nenov, and F. Mjalli. 2008. Neural network modeling and optimization of scheduling backwash for membrane bioreactor. *Clean Technologies and Environmental Policy* 10, (4): 389-395.
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- 27) Al Salameh, M. S., and E. T. Al Zuraiqi. 2008. Solutions to electromagnetic compatibility problems using artificial neural networks representation of vector finite element method. *IET Microwaves, Antennas and Propagation* 2, (4): 348-357.
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- 29) Al-Ajlouni, A. M., O. Sağlam, T. Diafla, and F. E. Kühn. 2008. Kinetic studies on phenylphosphopolyperoxotungstates catalyzed epoxidation of olefins with hydrogen peroxide. *Journal of Molecular Catalysis A: Chemical* 287, (1-2): 159-164.
- 30) Al-Ajlouni, S., M. Alagrabawi, H. Al-Balas, M. Alawneh, and A. Daoud. 2008. Cerebral palsy in Jordan: Clinical and neuroimaging characteristics. *Jordan Medical Journal* 42, (3): 162-169.
- 31) Al-Akhras, M. -A. 2008. Influence of 50 Hz magnetic field on sex hormones and body, uterine, and ovarian weights of adult female rats. *Electromagnetic Biology and Medicine* 27, (2): 155-163.

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- 37) Alali, F. Q., A. Gharaibeh, A. Ghawanmeh, K. Tawaha, and N. H. Oberlies. 2008. Colchicinoids from colchicum crocifolium boiss.: A case study in dereplication strategies for (-)-colchicine and related analogues using LC-MS and LC-PDA techniques. *Phytochemical Analysis* 19, (5): 385-394.
- 38) Alali, F. Q., Y. R. Tahboub, I. S. Al-Daraysih, and T. El-Elimat. 2008. LC-MS and LC-PDA vs. phytochemical analysis of colchicum brachyphyllum. *Pharmazie* 63, (12): 860-865.
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- 40) Al-Amawi, A., K. Khanfar, and E. El-Qawasmeh. 2008. The performance of integrated wired networks with wireless networks. *1st International Conference on the Applications of Digital Information and Web Technologies, ICADIWT 2008*: 442-447.
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- 42) Al-Asheh, S., and A. Belal. 2008. Carboxylic acids-modified palm stones as sorbents for metal ions using single and multi-metal aqueous solutions. *International Journal of Environment and Pollution* 34, (1-4): 412-426.
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- 44) Alawneh, A., and K. Al-Khaled. 2008. Numerical treatment of stochastic models used in statistical systems and financial markets. *Computers and Mathematics with Applications* 56, (10): 2724-2732.
- 45) Alawneh, K., C. Ashley, and J. A. Carlson. 2008. Neutrophilic myositis as a manifestation of celiac disease: A case report. *Clinical rheumatology* 27, (SUPPL. 1): 11-13.
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