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Selected Scholarly Contributions SCOPUS

Esfahanian, M., Zhuang, H., Erdol, N.
On contour-based classification of dolphin whistles by type
(2014) Applied Acoustics, 76, pp. 274-279.

Zhuang, H., Masory, O., Roth, Z.
Result-oriented engineering capstone designs to aid persons with disabilities
(2013) ASEE Annual Conference and Exposition, Conference Proceedings, 13 p.

Esfahanian, M., Zhuang, H., Erdol, N.
Using local binary patterns as features for classification of dolphin calls
(2013) Journal of the Acoustical Society of America, 134 (1), pp. EL105-EL111.

Huang, L., Yu, C., Zhuang, H., Morgera, S.
Biometric fusion by simulated annealing
(2012) International Journal of Knowledge-Based and Intelligent Engineering Systems, 16 (2), pp. 87-98.

Bai, Y., Zhuang, H., Wang, D.
Apply fuzzy interpolation method to calibrate parallel machine tools
(2012) International Journal of Advanced Manufacturing Technology, 60 (5-8), pp. 553-560.

Kotlarchyk, A., Khoshgoftaar, T., Pavlovic, M., Zhuang, H., Pandya, A.S.
Identification of microRNA biomarkers for cancer by combining multiple feature selection techniques
(2011) Journal of Computational Methods in Sciences and Engineering, 11 (5-6), pp. 283-298.

Pavlovic, M., Cavallo, M., Kats, A., Kotlarchyk, A., Zhuang, H., Shoenfeld, Y.
From Pauling's abzyme concept to the new era of hydrolytic anti-DNA autoantibodies: A link to rational vaccine design? - A review

(2011) International Journal of Bioinformatics Research and Applications, 7 (3), pp. 220-238.

Morales, G.J., Zhuang, H., Pavlovic, M.
An N-node myelinated axon model: A system identification approach
(2011) 2011 5th International IEEE/EMBS Conference on Neural Engineering, NER 2011, art. no. 5910513, pp. 161-165.

Guan, X., Zhuang, H.
A method of creating 3-D face images from 2-D photos for face recognition
(2011) International Journal of Biometrics, 3 (1), pp. 40-55.

Wang, X., Wang, D., Zhuang, H., Morgera, S.D.
Fair energy-efficient resource allocation in wireless sensor networks over fading TDMA channels
(2010) IEEE Journal on Selected Areas in Communications, 28 (7), art. no. 5555905, pp. 1063-1072.

Bai, Y., Zhuang, H., Wang, D.
Apply fuzzy interpolation method to calibrate parallel machine tools
(2009) IEEE International Symposium on Industrial Electronics, art. no. 5214441, pp. 1178-1183.

Wang, X., Wang, D., Zhuang, H., Morgera, S.D.
Fair energy-efficient resource allocation over fading TDMA channels
(2009) GLOBECOM - IEEE Global Telecommunications Conference, art. no. 5426174, .

Wang, X., Li, I., Wang, D., Zhuang, H., Morgera, S.D.
Incorporating retransmission in quality-of-service guaranteed multiuser scheduling over wireless links
(2009) IEEE Transactions on Vehicular Technology, 58 (8), pp. 4388-4397.

Li, I., Wang, X., Zhuang, H., Morgera, S.D.
Integrating retransmission diversity with real-time scheduling over wireless links
(2009) Proceedings - 43rd Annual Conference on Information Sciences and Systems, CISS 2009, art. no. 5054752, pp. 395-399.

Huang, L., Zhuang, H., Morgera, S.D.
A method towards biometric feature fusion