

Research Publications (Prof. Dr. Ali Raza Jafri)

1. Ali Raza Jafri, Qiang Huang, Lige Zhang, Jie YANG, etc. “Realization and Trajectory Planning for Obstacle Stepping Over by Humanoid Robot BHR-2”, IEEE International Conference on Robotics and Biomimetics, 2006, China: pp1384-1389(EI Indexed)
2. Ali Raza Jafri , Qiang HUANG, Jie YANG, Lige ZHANG, Zhijie WANG and Tao XIAO “Motion Planning for Stepping On/Off Obstacles by Humanoid Robot”, IEEE International Conference on Mechatronics and Automation 2007 (EI Indexed)
3. Ali Raza Jafri, Qiang HUANG, Jie YANG, Weimin ZHANG, “Motion Planning of Humanoid Robot for Obstacle Negotiation”, Journal of Beijing Institute of Technology 2008 (EI Indexed)
4. Lige Zhang, Qiang Huang, Shusheng Lv, You Shi, Ali Raza Jafri. “Humanoid Motion Design Considering Rhythm Based on Human Motion Capture”, IEEE/RSJ International Conference on Intelligent Robots and Systems, China: 2006. pp 2491-2496 (EI Indexed)
5. Zhaoqin Peng, Qiang Huang, Lige Zhang, Ali Raza Jafri, Weimin Zhang, Kejie Li. “Humanoid On-line Pattern Generation Based on Parameters of Off-line Typical Walking Patterns”, IEEE International Conference on Robotics and Automation. Spain:2005. pp 3769-3774(EI Indexed)
6. 张利格, 黄强, 杨洁等, Ali Raza Jafri. 仿人机器人复杂动态动作设计及相似性研究。自动化学报, 2006 (已录用, EI收录)
7. ZHANG Li-Ge, HUANG Qiang, YANG Jie, SHI You, WANG Zhi Jie, JAFRI Ali Raza, “Design of Humanoid Complicated Dynamic Motion with Similarity Considered”, Zidonghua Xuebao/Acta Automatica Sinica, Volume 33, Issue 5, year 2007, pp. 522-528.
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9. Nasir Rahman and Ali Raza Jafri, “Two Layered Behaviour Based Navigation of a Mobile Robot in an Unstructured Environment using Fuzzy Logic” Proceedings - IEEE 2005 International Conference on Emerging Technologies, ICET 2005, v 2005, Proceedings - Thirteenth International Symposium on Temporal Representation and Reasoning, TIME 2006, 2005, pg. 230-235 (EI Indexed)
10. Nasir Rahman, Ali Raza Jafri, M. Usman Keerio, “Fuzzy Behaviour Based Navigation of a Mobile Robot for Tracking Multiple Targets in an Unstructured Environment”, WSEAS TRANSACTIONS on SYSTEMS Issue 6, Volume 5, June 2006 (EI Indexed)
11. Attaullah Khawaja, Abdul Fattah Chandio, Ali Raza Jafri, Altaf Rajpar, “Comparison of the classification of Printed Chinese Characters by adding different types of Noise with the use of Neural Network”, WSEAS TRANSACTIONS on SIGNAL PROCESSING Issue 5, Volume 2, May 2006 (EI Indexed)
12. KM Junaid, MU Keerio, AU Khawaja, Ali Raza Jafri , “A Neural Network based adaptive autopilot for marine applications”, Proceeding of IEEE Intl. Conf. of Cybernetics & Intelligent Systems (CIS) and Robotics, Automation & Mechatronics (RAM), Bangkok, Thailand 2006,pg 359-364, (EI Indexed)

13. Muhammad Usman keerio , Abdul Fattah Chandio, Attaullah Khawaja and Ali Raza Jafri “Virtual Scene for Telerobotic Operation”, IEEE-ICET 2006 2nd International Conference on Emerging Technologies Peshawar, Pakistan , Pg 670-675. (EI Indexed)
14. Muhammad Usman keerio , Altaf Hussain Rajpar, Noor Muhammad Memon and Ali Raza Jafri “A Control Strategy for Robot Joint Model” IEEE INMIC 2006 International Multi Topic Conference 2006, Pg.410-414, (EI Indexed)
15. Muhammad Usman keerio, Weimin Zhang & Ali Raza Jafri “Cooperation of Humanoid Robots using Teleoperation for Transferring an Object” International Journal of Advanced Robotic Systems, Vol. 5, No. 1 (2008) ISSN 1729-8806, pp. 31-40. (EI Indexed)
16. Muhammad Usman keerio, Altaf Hussain Rajpar , Attaullah Khawaja and Ali Raza Jafri, “Collaboration of Teleoperated Multiple Humanoid Robots” DCDIS Proceedings of the International Conference on Life System Modeling and Simulation (LSMS2007), pp 381-385.
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19. Fatima Sughra Zaidi, Ubaida Fatima, Bilal Ahmed Usmani, Ali Raza Jafri “Comprehending Nodes Essentiality through Centrality Measures in Biological Networks”, IJCSNS International Journal of Computer Science and Network Security, VOL.19 No.9, September 2019
20. Aqsa Khan, Ghazna Hassan Khan, Eraj Humayun Mirza, Alidad Chandio, Maliha Mohsin, Mahnoor Hassan, Manal Naushad and Ali Raza Jafri “Development and Characterization of Acrylic Based Bone Cements” Journal of Biomaterials and Tissue Engineering, 2021
21. Assistive glove for Pakistani Sign Language translation, Kehkashan Kanwal; Saad Abdullah; Yusra Binte Ahmed; Yusra Saher; Ali Raza Jafri 17th IEEE International Multi Topic Conference 2014