

John WILLIAMS

List of Publications by Year in descending order

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papers

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1937685

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287
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Simultaneous Registration of Multiple Corresponding Point Sets. Computer Vision and Image Understanding, 2001, 81, 117-142. | 4.7 | 79 |
| 2 | The correspondence framework for 3D surface matching algorithms. Computer Vision and Image Understanding, 2005, 97, 347-383. | 4.7 | 47 |
| 3 | FPGA-based cloud detection for real-time onboard remote sensing. , 0, , . | | 23 |
| 4 | Reconfigurable FPGAS for real time image processing in space. , 0, , . | | 20 |
| 5 | On-board satellite image compression using reconfigurable FPGAs. , 0, , . | | 17 |
| 6 | FIFO Communication Models in Operating Systems for Reconfigurable Computing. , 0, , . | | 13 |
| 7 | Correspondence-Free Determination of the Affine Fundamental Matrix. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 82-97. | 13.9 | 13 |
| 8 | Automatic Self-Reconfiguration of System-on-Chip Peripherals. , 2007, , . | | 13 |
| 9 | A Reconfigurable Cluster-on-Chip Architecture with MPI Communication Layer. , 2006, , . | | 12 |
| 10 | FPGA Based Satellite Adaptive Image Compression System. Journal of Aerospace Engineering, 2003, 16, 129-137. | 1.4 | 9 |
| 11 | The Egret platform for reconfigurable system on chip. , 0, , . | | 8 |
| 12 | Design Exploration for FPGA-Based Multiprocessor Architecture: JPEG Encoding Case Study. , 2009, , . | | 8 |
| 13 | Simultaneous registration of multiple point sets using orthonormal matrices. , 0, , . | | 7 |
| 14 | Asymmetric Multi-Processor Architecture for Reconfigurable System-on-Chip and Operating System Abstractions. , 2007, , . | | 7 |
| 15 | A 3D acquisition and modelling system. , 0, , . | | 6 |
| 16 | FPGA based real-time adaptive filtering for space applications. , 0, , . | | 6 |
| 17 | A Hybrid Reconfigurable Cluster-on-Chip Architecture with Message Passing Interface for Image Processing Applications. , 2007, , . | | 5 |
| 18 | Global 3D rigid registration of medical images. , 2000, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multi Stream Cipher Architecture for Reconfigurable System-on-Chip. , 2006, , . | | 4 |
| 20 | An ILP formulation for architectural synthesis and application mapping on FPGA-based hybrid multi-processor SOC. , 2008, , . | | 4 |
| 21 | A catalog of hardware acceleration techniques for real-time reconfigurable system on chip. , 0, , . | | 3 |
| 22 | A non-linear filtering approach to image matching. , 0, , . | | 2 |
| 23 | Evaluation of a novel multiple point set registration algorithm. , 0, , . | | 2 |
| 24 | Flexible real time signal filtering in space using reconfigurable logic. , 0, , . | | 2 |
| 25 | Egret: a platform for a reconfigurable system-on-chip. , 2004, , . | | 2 |
| 26 | System Level Design Methodology for Hybrid Multi-Processor SoC on FPGA. , 2008, , . | | 2 |
| 27 | Multiple view surface registration with error modeling and analysis. , 0, , . | | 2 |
| 28 | A real-time asymmetric multiprocessor reconfigurable system-on-chip architecture. , 2005, 6035, 49. | | 1 |
| 29 | Synthesising surface matching algorithms using the correspondence framework. Pattern Recognition and Image Analysis, 2007, 17, 199-203. | 1.0 | 1 |
| 30 | An extended Kalman filtering approach to high precision stereo image matching. , 0, , . | | 0 |
| 31 | Dynamic loading of peripherals on reconfigurable system-on-chip. , 2005, , . | | 0 |
| 32 | VPN Acceleration Using Reconfigurable System-On-Chip Technology. , 2006, , . | | 0 |