

# John WILLIAMS

## List of Publications by Year in descending order

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32  
papers

322  
citations

1937685

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2053705

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docs citations

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times ranked

287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design Exploration for FPGA-Based Multiprocessor Architecture: JPEG Encoding Case Study. , 2009, , .		8
2	An ILP formulation for architectural synthesis and application mapping on FPGA-based hybrid multi-processor SOC. , 2008, , .		4
3	System Level Design Methodology for Hybrid Multi-Processor SoC on FPGA. , 2008, , .		2
4	Correspondence-Free Determination of the Affine Fundamental Matrix. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 82-97.	13.9	13
5	A Hybrid Reconfigurable Cluster-on-Chip Architecture with Message Passing Interface for Image Processing Applications. , 2007, , .		5
6	Asymmetric Multi-Processor Architecture for Reconfigurable System-on-Chip and Operating System Abstractions. , 2007, , .		7
7	Automatic Self-Reconfiguration of System-on-Chip Peripherals. , 2007, , .		13
8	Synthesising surface matching algorithms using the correspondence framework. Pattern Recognition and Image Analysis, 2007, 17, 199-203.	1.0	1
9	Multi Stream Cipher Architecture for Reconfigurable System-on-Chip. , 2006, , .		4
10	A Reconfigurable Cluster-on-Chip Architecture with MPI Communication Layer. , 2006, , .		12
11	VPN Acceleration Using Reconfigurable System-On-Chip Technology. , 2006, , .		0
12	Dynamic loading of peripherals on reconfigurable system-on-chip. , 2005, , .		0
13	A real-time asymmetric multiprocessor reconfigurable system-on-chip architecture. , 2005, 6035, 49.		1
14	The correspondence framework for 3D surface matching algorithms. Computer Vision and Image Understanding, 2005, 97, 347-383.	4.7	47
15	Egret: a platform for a reconfigurable system-on-chip. , 2004, , .		2
16	FPGA Based Satellite Adaptive Image Compression System. Journal of Aerospace Engineering, 2003, 16, 129-137.	1.4	9
17	Simultaneous Registration of Multiple Corresponding Point Sets. Computer Vision and Image Understanding, 2001, 81, 117-142.	4.7	79
18	Global 3D rigid registration of medical images. , 2000, , .		4

#	ARTICLE	IF	CITATIONS
19	An extended Kalman filtering approach to high precision stereo image matching. , 0, , .		0
20	A non-linear filtering approach to image matching. , 0, , .		2
21	Evaluation of a novel multiple point set registration algorithm. , 0, , .		2
22	Simultaneous registration of multiple point sets using orthonormal matrices. , 0, , .		7
23	A 3D acquisition and modelling system. , 0, , .		6
24	Reconfigurable FPGAS for real time image processing in space. , 0, , .		20
25	On-board satellite image compression using reconfigurable FPGAs. , 0, , .		17
26	Flexible real time signal filtering in space using reconfigurable logic. , 0, , .		2
27	FPGA based real-time adaptive filtering for space applications. , 0, , .		6
28	FPGA-based cloud detection for real-time onboard remote sensing. , 0, , .		23
29	A catalog of hardware acceleration techniques for real-time reconfigurable system on chip. , 0, , .		3
30	The Egret platform for reconfigurable system on chip. , 0, , .		8
31	FIFO Communication Models in Operating Systems for Reconfigurable Computing. , 0, , .		13
32	Multiple view surface registration with error modeling and analysis. , 0, , .		2