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List of Publications by Year in descending order

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19
papers

365
citations

1040056

9
h-index

839539

18
g-index

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all docs

19
docs citations

19
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	A 100 μ W 128 \times 64 Pixels Contrast-Based Asynchronous Binary Vision Sensor for Sensor Networks Applications. IEEE Journal of Solid-State Circuits, 2009, 44, 1582-1592.	5.4	72
2	A 33 μ W 64 \times 64 Pixel Vision Sensor Embedding Robust Dynamic Background Subtraction for Event Detection and Scene Interpretation. IEEE Journal of Solid-State Circuits, 2013, 48, 850-863.	5.4	63
3	A CMOS Image Sensor With Programmable Pixel-Level Analog Processing. IEEE Transactions on Neural Networks, 2005, 16, 1673-1684.	4.2	38
4	An Event-Driven Ultra-Low-Power Smart Visual Sensor. IEEE Sensors Journal, 2016, 16, 5344-5353.	4.7	37
5	A 100 dB Dynamic-Range CMOS Vision Sensor With Programmable Image Processing and Global Feature Extraction. IEEE Journal of Solid-State Circuits, 2007, 42, 647-657.	5.4	32
6	An Ultralow-Power Wireless Camera Node: Development and Performance Analysis. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3824-3832.	4.7	25
7	A 30 μ W 30 fps 110 \times 110 Pixels Vision Sensor Embedding Local Binary Patterns. IEEE Journal of Solid-State Circuits, 2015, 50, 2138-2148.	5.4	14
8	A Low-Power Vision System With Adaptive Background Subtraction and Image Segmentation for Unusual Event Detection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3842-3853.	5.4	12
9	A CMOS Ultra-Low Power Vision Sensor With Image Compression and Embedded Event-Driven Energy-Management. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 299-307.	3.6	11
10	A CMOS/CCD image sensor for 2D real time motion estimation. Sensors and Actuators A: Physical, 1995, 46, 251-256.	4.1	10
11	A Memristive Pixel Architecture for Real-Time Tracking. IEEE Sensors Journal, 2016, 16, 7911-7918.	4.7	8
12	A digital vision sensor. Sensors and Actuators A: Physical, 1995, 47, 439-443.	4.1	7
13	An Integrated CMOS Front-End for Optical Absolute Rotary Encoders. Analog Integrated Circuits and Signal Processing, 2003, 34, 143-154.	1.4	7
14	A 1.8V 828 μ W 80dB digital MEMS microphone. Analog Integrated Circuits and Signal Processing, 2011, 67, 395-405.	1.4	7
15	A 64 \times 64 Pixel Vision Sensor for Local Binary Pattern Computation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 1831-1839.	5.4	7
16	A Low-Power VGA Vision Sensor with Event Detection through Motion Computation based on Pixel-Wise Double-Threshold Background Subtraction and Local Binary Pattern Coding. , 2019, , .		5
17	A Bio-Inspired APS for Selective Visual Attention. IEEE Sensors Journal, 2013, 13, 3341-3342.	4.7	4
18	A Low-Power VGA Vision Sensor With Embedded Event Detection for Outdoor Edge Applications. IEEE Journal of Solid-State Circuits, 2020, 55, 3112-3121.	5.4	4

#	ARTICLE	IF	CITATIONS
19	A Low-Power Clock-Less Pulse Width Modulator Architecture for Smart Imaging. Journal of Low Power Electronics, 2018, 14, 118-128.	0.6	2