## Andr van Schaik

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 3,280 148 52 h-index g-index citations papers 5.31 172 4,217 3.7 L-index ext. citations avg, IF ext. papers

#	Paper	IF	Citations
148	Noise-robust text-dependent speaker identification using cochlear models <i>Journal of the Acoustical Society of America</i> , <b>2022</b> , 151, 500	2.2	1
147	Neuromorphic Engineering Needs Closed-Loop Benchmarks Frontiers in Neuroscience, 2022, 16, 81355	55.1	O
146	Drift in a popular metal oxide sensor dataset reveals limitations for gas classification benchmarks. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 361, 131668	8.5	4
145	Martingales and the fixation time of evolutionary graphs with arbitrary dimensionality <i>Royal Society Open Science</i> , <b>2022</b> , 9, 220011	3.3	1
144	Neuromorphic Sensors, Cochlea <b>2022</b> , 2325-2329		
143	Martingales and the characteristic functions of absorption time on bipartite graphs. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 210657	3.3	1
142	Advances in Machine Learning and Deep Neural Networks. <i>Proceedings of the IEEE</i> , <b>2021</b> , 109, 607-611	14.3	2
141	Event Camera Simulator Improvements via Characterized Parameters. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 702765	5.1	1
140	FPGA Implementation of Particle Filters for Robotic Source Localization. <i>IEEE Access</i> , <b>2021</b> , 9, 98185-987	2 <u>9.3</u>	3
139	A Biologically Inspired Sound Localisation System Using a Silicon Cochlea Pair. <i>Applied Sciences</i> (Switzerland), <b>2021</b> , 11, 1519	2.6	1
138	Event-Based Computation for Touch Localization Based on Precise Spike Timing. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 420	5.1	4
137	Event-Based Feature Extraction Using Adaptive Selection Thresholds. Sensors, 2020, 20,	3.8	5
136	Event-Based Object Detection and Tracking for Space Situational Awareness. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 15117-15132	4	9
135	Wald martingale and the conditional distributions of absorption time in the Moran process.  Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200135	5 <sup>2.4</sup>	3
134	Event-Based Processing of Single Photon Avalanche Diode Sensors. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 7677	7- <u>7</u> 691	5
133	Event-based Sensing for Space Situational Awareness. <i>Journal of the Astronautical Sciences</i> , <b>2019</b> , 66, 125-141	1.1	19
132	A Binaural Sound Localization System using Deep Convolutional Neural Networks <b>2019</b> ,		6

131	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , <b>2019</b> , 101, 365-369	13.9	5
130	Low Power, CMOS-MoS Memtransistor based Neuromorphic Hybrid Architecture for Wake-Up Systems. <i>Scientific Reports</i> , <b>2019</b> , 9, 15604	4.9	11
129	Embedded implementation of a random feature detecting network for real-time classification of time-of-flight SPAD array recordings <b>2019</b> ,		3
128	Star Tracking Using an Event Camera <b>2019</b> ,		7
127	Vibrotactile sensitivity of patients with HIV-related sensory neuropathy: An exploratory study. <i>Brain and Behavior</i> , <b>2019</b> , 9, e01184	3.4	6
126	Efficient FPGA Implementations of Pair and Triplet-Based STDP for Neuromorphic Architectures. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 1558-1570	3.9	19
125	. IEEE Transactions on Circuits and Systems I: Regular Papers, <b>2019</b> , 66, 1805-1817	3.9	3
124	Investigation of Event-Based Surfaces for High-Speed Detection, Unsupervised Feature Extraction, and Object Recognition. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 1047	5.1	12
123	An Analogue Neuromorphic Co-Processor That Utilizes Device Mismatch for Learning Applications. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 1174-1184	3.9	7
122	Spatial and Temporal Downsampling in Event-Based Visual Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 5030-5044	10.3	5
122		10.3	5
	Neural Networks and Learning Systems, <b>2018</b> , 29, 5030-5044		
121	Neural Networks and Learning Systems, 2018, 29, 5030-5044  Astrocytic modulation of cortical oscillations. Scientific Reports, 2018, 8, 11565	4.9	26
121	Neural Networks and Learning Systems, 2018, 29, 5030-5044  Astrocytic modulation of cortical oscillations. Scientific Reports, 2018, 8, 11565  A FPGA Implementation of the CAR-FAC Cochlear Model. Frontiers in Neuroscience, 2018, 12, 198  An FPGA-Based Massively Parallel Neuromorphic Cortex Simulator. Frontiers in Neuroscience, 2018,	4·9 5.1	26
121 120 119	Astrocytic modulation of cortical oscillations. <i>Scientific Reports</i> , <b>2018</b> , 8, 11565  A FPGA Implementation of the CAR-FAC Cochlear Model. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 198  An FPGA-Based Massively Parallel Neuromorphic Cortex Simulator. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 213	4·9 5.1	26 22 21
121 120 119	Astrocytic modulation of cortical oscillations. <i>Scientific Reports</i> , <b>2018</b> , 8, 11565  A FPGA Implementation of the CAR-FAC Cochlear Model. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 198  An FPGA-Based Massively Parallel Neuromorphic Cortex Simulator. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 213  CAR-Lite: A Multi-Rate Cochlea Model on FPGA <b>2018</b> ,  A pneumatic Bionic Voice prosthesis-Pre-clinical trials of controlling the voice onset and offset.	4·9 5.1 5.1	26 22 21 2
121 120 119 118	Astrocytic modulation of cortical oscillations. Scientific Reports, 2018, 8, 11565  A FPGA Implementation of the CAR-FAC Cochlear Model. Frontiers in Neuroscience, 2018, 12, 198  An FPGA-Based Massively Parallel Neuromorphic Cortex Simulator. Frontiers in Neuroscience, 2018, 12, 213  CAR-Lite: A Multi-Rate Cochlea Model on FPGA 2018,  A pneumatic Bionic Voice prosthesis-Pre-clinical trials of controlling the voice onset and offset. PLoS ONE, 2018, 13, e0192257  Large-Scale Neuromorphic Spiking Array Processors: A Quest to Mimic the Brain. Frontiers in	4.9 5.1 5.1	26 22 21 2

113	Neuromorphic Hardware Architecture Using the Neural Engineering Framework for Pattern Recognition. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2017</b> , 11, 574-584	5.1	24
112	Low-power transcutaneous current stimulator for wearable applications. <i>BioMedical Engineering OnLine</i> , <b>2017</b> , 16, 118	4.1	3
111	Prolonged Incubation of Acute Neuronal Tissue for Electrophysiology and Calcium-imaging. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	7
110	Measurement of perception thresholds for electrical noise stimuli. <i>Annual International Conference</i> of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, <b>2017</b> , 2017, 2166-2169	0.9	2
109	EMNIST: Extending MNIST to handwritten letters <b>2017</b> ,		253
108	A Low Power Trainable Neuromorphic Integrated Circuit That Is Tolerant to Device Mismatch. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2016</b> , 63, 211-221	3.9	16
107	The Bayesian Decoding of Force Stimuli from Slowly Adapting Type I Fibers in Humans. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153366	3.7	1
106	Bayesian Estimation and Inference Using Stochastic Electronics. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 104	5.1	20
105	Skimming Digits: Neuromorphic Classification of Spike-Encoded Images. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 184	5.1	26
104	A Review of Control Strategies in Closed-Loop Neuroprosthetic Systems. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 312	5.1	32
103	Calcium Imaging of AM Dyes Following Prolonged Incubation in Acute Neuronal Tissue. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155468	3.7	25
102	A stochastic approach to STDP <b>2016</b> ,		4
101	Electronic cochlea: CAR-FAC model on FPGA <b>2016</b> ,		7
100	Decoding force from multiunit recordings from the median nerve 2015,		2
99	ELM solutions for event-based systems. <i>Neurocomputing</i> , <b>2015</b> , 149, 435-442	5.4	4
98	Online and adaptive pseudoinverse solutions for ELM weights. <i>Neurocomputing</i> , <b>2015</b> , 149, 233-238	5.4	30
97	A neuromorphic hardware framework based on population coding 2015,		11
96	Sound stream segregation: a neuromorphic approach to solve the "cocktail party problem" in real-time. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 309	5.1	11

## (2014-2015)

95	Fast, Simple and Accurate Handwritten Digit Classification by Training Shallow Neural Network Classifiers with the 'Extreme Learning Machine' Algorithm. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134254	3.7	47
94	Turn Down That Noise: Synaptic Encoding of Afferent SNR in a Single Spiking Neuron. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2015</b> , 9, 188-96	5.1	13
93	A neuromorphic implementation of multiple spike-timing synaptic plasticity rules for large-scale neural networks. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 180	5.1	19
92	Sleep apnoea episodes recognition by a committee of ELM classifiers from ECG signal. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 7675-8	0.9	3
91	A reconfigurable mixed-signal implementation of a neuromorphic ADC 2015,		3
90	A compact aVLSI conductance-based silicon neuron 2015,		7
89	A comparison of extreme learning machines and back-propagation trained feed-forward networks processing the mnist database <b>2015</b> ,		7
88	Explicit Computation of Input Weights in Extreme Learning Machines. <i>Proceedings in Adaptation, Learning and Optimization</i> , <b>2015</b> , 41-49	0.2	7
87	Learning ELM Network Weights Using Linear Discriminant Analysis. <i>Proceedings in Adaptation, Learning and Optimization</i> , <b>2015</b> , 183-191	0.2	2
86	. Proceedings of the IEEE, <b>2014</b> , 102, 843-859	14.3	45
86 85	. Proceedings of the IEEE, 2014, 102, 843-859  A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons 2014,	14.3	45 8
	A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons	14.3	
85	A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons <b>2014</b> ,	14.3	8
8 <sub>5</sub>	A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons 2014,  Live demonstration: FPGA implementation of the CAR model of the cochlea 2014,	2.9	8
8 <sub>5</sub> 8 <sub>4</sub> 8 <sub>3</sub>	A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons 2014,  Live demonstration: FPGA implementation of the CAR model of the cochlea 2014,  An FPGA design framework for large-scale spiking neural networks 2014,  Approximate, computationally efficient online learning in Bayesian spiking neurons. Neural		8 7 17
85 84 83 82	A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons 2014,  Live demonstration: FPGA implementation of the CAR model of the cochlea 2014,  An FPGA design framework for large-scale spiking neural networks 2014,  Approximate, computationally efficient online learning in Bayesian spiking neurons. Neural Computation, 2014, 26, 472-96  Racing to learn: statistical inference and learning in a single spiking neuron with adaptive kernels.	2.9	8 7 17 3
85 84 83 82	A compact reconfigurable mixed-signal implementation of synaptic plasticity in spiking neurons 2014,  Live demonstration: FPGA implementation of the CAR model of the cochlea 2014,  An FPGA design framework for large-scale spiking neural networks 2014,  Approximate, computationally efficient online learning in Bayesian spiking neurons. Neural Computation, 2014, 26, 472-96  Racing to learn: statistical inference and learning in a single spiking neuron with adaptive kernels. Frontiers in Neuroscience, 2014, 8, 377	2.9	8 7 17 3

77	2014,		6
76	Asynchronous binaural spatial audition sensor with 2 lb4 lb channel output. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2014</b> , 8, 453-64	5.1	83
75	A generalised conductance-based silicon neuron for large-scale spiking neural networks 2014,		8
74	A digital to transconductance converter for nauta structure op-amps in 65nm CMOS <b>2014</b> ,		3
73	. IEEE Transactions on Multimedia, <b>2014</b> , 16, 37-46	6.6	36
72	FPGA implementation of the CAR Model of the cochlea 2014,		17
71	A 0.3mm2 10-b 100MS/s pipelined ADC using Nauta structure op-amps in 180nm CMOS <b>2013</b> ,		5
70	Temporal order detection and coding in nervous systems. <i>Neural Computation</i> , <b>2013</b> , 25, 510-31	2.9	4
69	Towards true unipolar bio-potential recording: a preliminary result for ECG. <i>Physiological Measurement</i> , <b>2013</b> , 34, N1-7	2.9	18
68	An improved aVLSI axon with programmable delay using spike timing dependent delay plasticity <b>2013</b> ,		3
67	Unipolar ECG circuits: Towards more precise cardiac event identification 2013,		2
66	Towards true unipolar ECG recording without the Wilson central terminal (preliminary results). <i>Physiological Measurement</i> , <b>2013</b> , 34, 991-1012	2.9	13
65	The adaptation of spike backpropagation delays in cortical neurons. <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 192	6.1	13
64	An FPGA Implementation of a Polychronous Spiking Neural Network with Delay Adaptation. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 14	5.1	46
63	Synthesis of neural networks for spatio-temporal spike pattern recognition and processing. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 153	5.1	43
62	The ripple pond: enabling spiking networks to see. Frontiers in Neuroscience, 2013, 7, 212	5.1	6
61	Convergence analysis of efficient online learning in Bayesian spiking neurons. <i>BMC Neuroscience</i> , <b>2012</b> , 13,	3.2	78
60	Emergence of competitive control in a memristor-based neuromorphic circuit 2012,		4

59	A 1.2V 2-bit phase interpolator for 65nm CMOS <b>2012</b> ,		6
58	Pregnancy detection and monitoring in cattle via combined foetus electrocardiogram and phonocardiogram signal processing. <i>BMC Veterinary Research</i> , <b>2012</b> , 8, 164	2.7	7
57	FPGA implementation of biologically-inspired auto-associative memory. <i>Electronics Letters</i> , <b>2012</b> , 48, 148	1.1	5
56	An aVLSI programmable axonal delay circuit with spike timing dependent delay adaptation 2012,		7
55	Neuromorphic audio-visual sensor fusion on a sound-localizing robot. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 21	5.1	18
54	L1 regularization method in electrical impedance tomography by using the L1-curve (Pareto frontier curve). <i>Applied Mathematical Modelling</i> , <b>2012</b> , 36, 1095-1105	4.5	56
53	Active electrode design suitable for simultaneous EIT and EEG. <i>Electronics Letters</i> , <b>2012</b> , 48, 1583-1584	1.1	7
52	An asynchronous parallel neuromorphic ADC architecture <b>2012</b> ,		6
51	Investigating the role of combined acoustic-visual feedback in one-dimensional synchronous brain computer interfaces, a preliminary study. <i>Medical Devices: Evidence and Research</i> , <b>2012</b> , 5, 81-8	1.5	12
50	Neuromorphic silicon neuron circuits. <i>Frontiers in Neuroscience</i> , <b>2011</b> , 5, 73	5.1	693
50	Neuromorphic silicon neuron circuits. <i>Frontiers in Neuroscience</i> , <b>2011</b> , 5, 73  Time domain reconstruction of spatial sound fields using compressed sensing <b>2011</b> ,	5.1	693 8
		5.1	
49	Time domain reconstruction of spatial sound fields using compressed sensing <b>2011</b> ,	5.1	
49	Time domain reconstruction of spatial sound fields using compressed sensing 2011,  Silicon implementation of the generalized integrate-and-fire neuron model 2011,	5.1	8
49 48 47	Time domain reconstruction of spatial sound fields using compressed sensing 2011,  Silicon implementation of the generalized integrate-and-fire neuron model 2011,  Spiking neural network-based auto-associative memory using FPGA interconnect delays 2011,	5.1	8 3 2
49 48 47 46	Time domain reconstruction of spatial sound fields using compressed sensing 2011,  Silicon implementation of the generalized integrate-and-fire neuron model 2011,  Spiking neural network-based auto-associative memory using FPGA interconnect delays 2011,  An analogue VLSI implementation of polychromous spiking neural networks 2011,  Comparison of the measured and theoretical performance of a broadband circular microphone		8 3 2
49 48 47 46 45	Time domain reconstruction of spatial sound fields using compressed sensing 2011,  Silicon implementation of the generalized integrate-and-fire neuron model 2011,  Spiking neural network-based auto-associative memory using FPGA interconnect delays 2011,  An analogue VLSI implementation of polychromous spiking neural networks 2011,  Comparison of the measured and theoretical performance of a broadband circular microphone array. Journal of the Acoustical Society of America, 2011, 130, 3827-37		8 3 2 6 25

41	An ultra-high input impedance ECG amplifier for long-term monitoring of athletes. <i>Medical Devices: Evidence and Research</i> , <b>2010</b> , 3, 1-9	1.5	41
40	Event-based 64-channel binaural silicon cochlea with Q enhancement mechanisms 2010,		44
39	A log-domain implementation of the Mihalas-Niebur neuron model 2010,		18
38	A log-domain implementation of the Izhikevich neuron model <b>2010</b> ,		27
37	2010,		4
36	Symbolic analysis of the Tau Cell log-domain filter using affine MOSFET models <b>2010</b> ,		1
35	A new EEG recording system for passive dry electrodes. <i>Clinical Neurophysiology</i> , <b>2010</b> , 121, 686-93	4.3	125
34	Dry electrode bio-potential recordings. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2010</b> , 2010, 6493-6	0.9	21
33	Suitability of the INPHAZE impedance analyzer for Bio-impedance and EIT. <i>Journal of Physics:</i> Conference Series, <b>2010</b> , 224, 012014	0.3	
32	Silicon Models of the Auditory Pathway. Springer Handbook of Auditory Research, <b>2010</b> , 261-276	1.2	4
31	Wearable dry sensors with bluetooth connection for use in remote patient monitoring systems. <i>Studies in Health Technology and Informatics</i> , <b>2010</b> , 161, 57-65	0.5	16
30	Sound localisation with a silicon cochlea pair <b>2009</b> ,		3
29	A psychophysical evaluation of near-field head-related transfer functions synthesized using a distance variation function. <i>Journal of the Acoustical Society of America</i> , <b>2009</b> , 125, 2233-42	2.2	28
28	Acoustic holography with a concentric rigid and open spherical microphone array 2009,		9
27	The Design and Evaluation of an Economically Constructed Anechoic Chamber. <i>Architectural Science Review</i> , <b>2009</b> , 52, 312-319	2.6	7
26	A first-order nonhomogeneous Markov model for the response of spiking neurons stimulated by small phase-continuous signals. <i>Neural Computation</i> , <b>2009</b> , 21, 1554-88	2.9	10
25	Benefit from spatial separation of multiple talkers in bilateral hearing-aid users: Effects of hearing loss, age, and cognition. <i>International Journal of Audiology</i> , <b>2009</b> , 48, 758-74	2.6	53
24	Code-division-multiplexed electrical impedance tomography spectroscopy. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2009</b> , 3, 332-8	5.1	16

23	Self-tuned regenerative amplification and the hopf bifurcation 2008,		6
22	A mobile EEG system with dry electrodes <b>2008</b> ,		44
21	Analogue VLSI implementations of two dimensional, nonlinear, active cochlea models 2008,		7
20	Mobile biomedical sensing with dry electrodes <b>2008</b> ,		10
19	An active 2-d silicon cochlea. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2008</b> , 2, 30-43	5.1	85
18	Measured and theoretical performance comparison of a co-centred rigid and open spherical microphone array <b>2008</b> ,		6
17	A 2-D silicon cochlea with an improved automatic quality factor control-loop <b>2008</b> ,		5
16	Directional hearing in a silicon cricket. <i>BioSystems</i> , <b>2007</b> , 87, 307-13	1.9	4
15	A Basilar Membrane Resonator for an Active 2-D Cochlea <b>2007</b> ,		3
14	A 2-D Cochlea with Hopf Oscillators <b>2007</b> ,		7
13	An address-event vision sensor for multiple transient object detection. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2007</b> , 1, 278-88	5.1	9
12	Bias Current Generators with Wide Dynamic Range. <i>Analog Integrated Circuits and Signal Processing</i> , <b>2005</b> , 43, 247-268	1.2	43
11	The role of high frequencies in speech localization. <i>Journal of the Acoustical Society of America</i> , <b>2005</b> , 118, 353-63	2.2	92
10	Separation of concurrent broadband sound sources by human listeners. <i>Journal of the Acoustical Society of America</i> , <b>2004</b> , 115, 324-36	2.2	40
9	A Neuromorphic Sound Localizer for a Smart MEMS System. <i>Analog Integrated Circuits and Signal Processing</i> , <b>2004</b> , 39, 267-273	1.2	18
8	Contrasting monaural and interaural spectral cues for human sound localization. <i>Journal of the Acoustical Society of America</i> , <b>2004</b> , 115, 3124-41	2.2	38
7	An Analogue VLSI Implementation of the Meddis Inner Hair Cell Model. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2003</b> , 2003, 1	1.9	3
6	An Analog VLSI Model of Periodicity Extraction in the Human Auditory System. <i>Analog Integrated</i>		

5	A Log-Domain CMOS Transcapacitor: Design, Analysis and Applications. <i>Analog Integrated Circuits and Signal Processing</i> , <b>2000</b> , 22, 195-208	1.2	4
4	Human localisation of band-pass filtered noise. <i>International Journal of Neural Systems</i> , <b>1999</b> , 9, 441-6	6.2	11
3	Analog very large-scale integrated (VLSI) implementation of a model of amplitude-modulation sensitivity in the auditory brainstem. <i>Journal of the Acoustical Society of America</i> , <b>1999</b> , 105, 811-21	2.2	19
2	Design of an Analogue VLSI Model of an Active Cochlea. <i>Analog Integrated Circuits and Signal Processing</i> , <b>1997</b> , 13, 19-35	1.2	21

1 The Electronic Ear **1996**, 233-250