

# Paul J Govaerts

## List of Publications by Year in descending order

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75  
papers

3,222  
citations

236925

25  
h-index

155660

55  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Empowering Cochlear Implant Users in Their Home Environment by eHealth Solutions. , 2021, , 605-632.		0
2	Variability of fitting parameters across cochlear implant centres. European Archives of Oto-Rhino-Laryngology, 2021, 278, 4671-4679.	1.6	7
3	Computational Audiology: New Approaches to Advance Hearing Health Care in the Digital Age. Ear and Hearing, 2021, 42, 1499-1507.	2.1	19
4	From manual to artificial intelligence fitting: Two cochlear implant case studies. Cochlear Implants International, 2020, 21, 299-305.	1.2	6
5	A New Pathogenic Variant in the TRIOBP Associated with Profound Deafness Is Remediable with Cochlear Implantation. Audiology and Neuro-Otology, 2020, 26, 1-9.	1.3	4
6	Listening Difficulties of Children With Cochlear Implants in Mainstream Secondary Education. Ear and Hearing, 2020, 41, 1172-1186.	2.1	7
7	Cochlear implant telemedicine: Remote fitting based on psychoacoustic self-tests and artificial intelligence. Cochlear Implants International, 2020, 21, 260-268.	1.2	14
8	Speech Perception Changes in the Acoustically Aided, Nonimplanted Ear after Cochlear Implantation: A Multicenter Study. Journal of Clinical Medicine, 2020, 9, 1758.	2.4	2
9	Speech polar plots for different directionality settings of SONNET cochlear implant processor. Cochlear Implants International, 2019, 20, 299-311.	1.2	4
10	Empowering Cochlear Implant Users in Their Home Environment by eHealth Solutions. Advances in Medical Technologies and Clinical Practice Book Series, 2019, , 86-120.	0.3	0
11	Speech understanding in noise in elderly adults: the effect of inhibitory control and syntactic complexity. International Journal of Language and Communication Disorders, 2018, 53, 628-642.	1.5	8
12	Empowering Senior Cochlear Implant Users at Home via a Tablet Computer Application. American Journal of Audiology, 2018, 27, 417-430.	1.2	10
13	LiCoS: A New Linguistically Controlled Sentences Test to Assess Functional Hearing Performance. Folia Phoniatica Et Logopaedica, 2018, 70, 90-99.	1.1	3
14	Computer-assisted CI fitting: Is the learning capacity of the intelligent agent FOX beneficial for speech understanding?. Cochlear Implants International, 2017, 18, 198-206.	1.2	19
15	The use of cochlear's SCAN and wireless microphones to improve speech understanding in noise with the Nucleus6Â® CP900 processor. International Journal of Audiology, 2017, 56, 837-843.	1.7	7
16	Linguistic Factors Influencing Speech Audiometric Assessment. BioMed Research International, 2016, 2016, 1-14.	1.9	4
17	Expert opinion: Time to ban formal CI selection criteria?. Cochlear Implants International, 2016, 17, 74-77.	1.2	7
18	Validation of the French-language version of the OTOSPEECH automated scoring software package for speech audiometry. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2016, 133, 101-106.	0.7	5

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19	Speech understanding in noise with the Roger Pen, Naida CI Q70 processor, and integrated Roger 17 receiver in a multi-talker network. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 1107-1114.	1.6	23
20	A Retrospective Multicenter Study Comparing Speech Perception Outcomes for Bilateral Implantation and Bimodal Rehabilitation. <i>Ear and Hearing</i> , 2015, 36, 408-416.	2.1	70
21	Cochlear Implantation Improves Localization Ability in Patients With Unilateral Deafness. <i>Ear and Hearing</i> , 2015, 36, e93-e98.	2.1	81
22	Spoken Word Recognition Errors in Speech Audiometry: A Measure of Hearing Performance?. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	4
23	Assessment of "Fitting to Outcomes Expert"™ FOX with new cochlear implant users in a multi-centre study. <i>Cochlear Implants International</i> , 2015, 16, 100-109.	1.2	20
24	Conversion of adult Nucleus 5 cochlear implant users to the Nucleus 6 system. <i>Cochlear Implants International</i> , 2015, 16, 222-232.	1.2	23
25	Evaluation of the "Fitting to Outcomes eXpert"™ (FOX) with established cochlear implant users. <i>Cochlear Implants International</i> , 2015, 16, 39-46.	1.2	15
26	Cochlear Implant Programming: A Global Survey on the State of the Art. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	88
27	Setting and Reaching Targets with Computer-Assisted Cochlear Implant Fitting. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	11
28	A Uniform Graphical Representation of Intensity Coding in Current-Generation Cochlear Implant Systems. <i>Ear and Hearing</i> , 2014, 35, 533-543.	2.1	30
29	The production of Dutch finite verb morphology: A comparison between hearing-impaired CI children and specific language impaired children. <i>Lingua</i> , 2014, 139, 68-79.	1.0	16
30	Focal Sclerosis of Semicircular Canals With Severe DFNA9 Hearing Impairment Caused by a P51S COCH-Mutation. <i>Otology and Neurotology</i> , 2014, 35, 1077-1086.	1.3	19
31	Factors Affecting Auditory Performance of Postlinguistically Deaf Adults Using Cochlear Implants: An Update with 2251 Patients. <i>Audiology and Neuro-Otology</i> , 2013, 18, 36-47.	1.3	477
32	Combined electric and acoustic hearing performance with Zebra speech processor: Speech reception, place, and temporal coding evaluation. <i>Cochlear Implants International</i> , 2013, 14, 150-157.	1.2	11
33	A Probabilistic Graphical Model for Tuning Cochlear Implants. <i>Lecture Notes in Computer Science</i> , 2013, , 150-155.	1.3	4
34	Development of the AÅSE test battery for assessment of pitch perception in speech. <i>Cochlear Implants International</i> , 2012, 13, 206-219.	1.2	12
35	Pre-, Per- and Postoperative Factors Affecting Performance of Postlinguistically Deaf Adults Using Cochlear Implants: A New Conceptual Model over Time. <i>PLoS ONE</i> , 2012, 7, e48739.	2.5	347
36	Genetic predisposition and sensory experience in language development: Evidence from cochlear-implanted children. <i>Language and Cognitive Processes</i> , 2011, 26, 1083-1101.	2.2	8

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37	Clinical Assessment of Pitch Perception. <i>Otology and Neurotology</i> , 2011, 32, 736-741.	1.3	9
38	Experiences of the use of FOX, an intelligent agent, for programming cochlear implant sound processors in new users. <i>International Journal of Audiology</i> , 2011, 50, 50-58.	1.7	22
39	Development of a Software Tool Using Deterministic Logic for the Optimization of Cochlear Implant Processor Programming. <i>Otology and Neurotology</i> , 2010, 31, 908-918.	1.3	35
40	Linguistic Assessment Tools for the Digisonic <sup>®</sup> Dual Electric-Acoustic Speech Processor. <i>Cochlear Implants International</i> , 2010, 11, 306-311.	1.2	0
41	Phenotypic variability of patients homozygous for the GJB2 mutation 35delG cannot be explained by the influence of one major modifier gene. <i>European Journal of Human Genetics</i> , 2009, 17, 517-524.	2.8	46
42	Travelling wave velocity test and MÃ©niÃ©reâ€™s disease revisited. <i>European Archives of Oto-Rhino-Laryngology</i> , 2008, 265, 517-523.	1.6	12
43	The Characteristics of Prelexical Babbling After Cochlear Implantation Between 5 and 20 Months of Age. <i>Ear and Hearing</i> , 2008, 29, 627-637.	2.1	30
44	Normative data of the AÃ©SEÃ© discrimination and identification tests in preverbal children. <i>Cochlear Implants International</i> , 2006, 7, 107-116.	1.2	12
45	Auditory speech sounds evaluation (AÃ©SEÃ©): a new test to assess detection, discrimination and identification in hearing impairment. <i>Cochlear Implants International</i> , 2006, 7, 92-106.	1.2	69
46	Basic fitting and evaluation parameters of a newly designed cochlear implant electrode. <i>Acta Oto-Laryngologica</i> , 2004, 124, 281-285.	0.9	3
47	Babbling in early implanted CI children. <i>International Congress Series</i> , 2004, 1273, 344-347.	0.2	7
48	A Novel Z-Scoreâ€‘Based Method to Analyze Candidate Genes for Age-Related Hearing Impairment. <i>Ear and Hearing</i> , 2004, 25, 133-141.	2.1	25
49	Normal Hearing and Language Development in a Deaf-Born Child. <i>Otology and Neurotology</i> , 2004, 25, 924-929.	1.3	24
50	Cochlear Implantation Between 5 and 20 Months of Age: The Onset of Babbling and the Audiologic Outcome. <i>Otology and Neurotology</i> , 2004, 25, 263-270.	1.3	124
51	Long-Term Evaluation of the Effect of Intracochlear Steroid Deposition on Electrode Impedance in Cochlear Implant Patients. <i>Otology and Neurotology</i> , 2003, 24, 769-774.	1.3	64
52	Cochlear Implants in Aplasia and Hypoplasia of the Cochleovestibular Nerve. <i>Otology and Neurotology</i> , 2003, 24, 887-891.	1.3	71
53	Clinical Presentation of DFNA8-DFNA12. , 2002, 61, 60-65.		2
54	Outcome of Cochlear Implantation at Different Ages from 0 to 6 Years. <i>Otology and Neurotology</i> , 2002, 23, 885-890.	1.3	179

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55	Otosclerosis: a genetically heterogeneous disease involving at least three different genes. <i>Bone</i> , 2002, 30, 624-630.	2.9	47
56	The Use of Malleus Allografts in Ossiculoplasty. <i>Laryngoscope</i> , 2002, 112, 1782-1784.	2.0	8
57	A Second Gene for Otosclerosis, OTSC2, Maps to Chromosome 7q34-36. <i>American Journal of Human Genetics</i> , 2001, 68, 495-500.	6.2	91
58	CT and MR imaging of congenital abnormalities of the inner ear and internal auditory canal. <i>European Journal of Radiology</i> , 2001, 40, 94-104.	2.6	111
59	Prognostic Value of Magnetic Resonance Imaging Findings in Hearing Preservation Surgery for Vestibular Schwannoma. <i>Otology and Neurotology</i> , 2001, 22, 87-94.	1.3	89
60	Contralateral Suppression of Transient Evoked Otoacoustic Emissions: Normative Data for a Clinical Test Set-Up. <i>Otology and Neurotology</i> , 2001, 22, 350-355.	1.3	43
61	A Two-stage Bipodal Screening Model for Universal Neonatal Hearing Screening. <i>Otology and Neurotology</i> , 2001, 22, 850-854.	1.3	23
62	Chronic Petrous Apicitis with Pericarotid Extension into the Neck in a Child. <i>Annals of Otology, Rhinology and Laryngology</i> , 2001, 110, 988-991.	1.1	6
63	Audiological findings in large vestibular aqueduct syndrome. <i>International Journal of Pediatric Otorhinolaryngology</i> , 1999, 51, 157-164.	1.0	102
64	Use of Antibiotic Prophylaxis in Ear Surgery. <i>Laryngoscope</i> , 1998, 108, 107-110.	2.0	36
65	Mutations in the human $\beta$ -tectorin gene cause autosomal dominant non-syndromic hearing impairment. <i>Nature Genetics</i> , 1998, 19, 60-62.	21.4	323
66	Box and Whisker Plots for Graphic Presentation of Audiometric Results of Conductive Hearing loss Treatment. <i>Otolaryngology - Head and Neck Surgery</i> , 1998, 118, 892-895.	1.9	23
67	Treatment of Chronic Postoperative Otorrhea with Cultured Keratinocyte Sheets. <i>Annals of Otology, Rhinology and Laryngology</i> , 1997, 106, 15-21.	1.1	7
68	Revision stapes surgery. <i>Journal of Laryngology and Otology</i> , 1997, 111, 233-239.	0.8	39
69	Tympano-ossicular allografts for cholesteatoma in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 1997, 42, 31-40.	1.0	16
70	Lysates from Cultured Allogeneic Keratinocytes Stimulate Wound Healing after Tympanoplasty. <i>Acta Oto-Laryngologica</i> , 1996, 116, 589-593.	0.9	9
71	The "Two-Hole" Ossiculoplasty Technique. <i>Laryngoscope</i> , 1996, 106, 507-510.	2.0	4
72	Allograft Tympanoplasty Type 1 in the Childhood Population. <i>Annals of Otology, Rhinology and Laryngology</i> , 1996, 105, 871-876.	1.1	16

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73	Statistical Analysis of Otosclerosis Surgery Performed by Jean Marquet. Annals of Otology, Rhinology and Laryngology, 1994, 103, 945-951.	1.1	63
74	Persistent Stapedial Artery: Does it Prevent Successful Surgery?. Annals of Otology, Rhinology and Laryngology, 1993, 102, 724-728.	1.1	38
75	Sandwich embedding and perpendicular sectioning of monolayers. Micron and Microscopica Acta, 1987, 18, 227-228.	0.2	0