Blake S Wilson

List of Publications by Year
in descending order

43 papers	3,367 citations	430754 18 h-index	315616 38 g-index
43 all docs	43 docs citations	43 times ranked	2795 citing authors

#	Article	IF	Citations
1	Better speech recognition with cochlear implants. Nature, 1991, 352, 236-238.	13.7	1,033
2	Cochlear implants: A remarkable past and a brilliant future. Hearing Research, 2008, 242, 3-21.	0.9	607
3	Global hearing health care: new findings and perspectives. Lancet, The, 2017, 390, 2503-2515.	6.3	383
4	Cochlear implants: Current designs and future possibilities. Journal of Rehabilitation Research and Development, 2008, 45, 695-730.	1.6	297
5	Cochlear Implants: Some Likely Next Steps. Annual Review of Biomedical Engineering, 2003, 5, 207-249.	5.7	154
6	Thirty years of the<i>British Journal of Audiology</i>: Guest editorial: The future of cochlear implants. International Journal of Audiology, 1997, 31, 205-225.	0.7	99
7	A Summary of the Literature on Global Hearing Impairment. Otology and Neurotology, 2010, 31, 31-41.	0.7	98
8	Two New Directions in Speech Processor Design for Cochlear Implants. Ear and Hearing, 2005, 26, 73S-81S.	1.0	60
9	The Surprising Performance of Present-Day Cochlear Implants. IEEE Transactions on Biomedical Engineering, 2007, 54, 969-972.	2.5	60
10	Remote Programming of Cochlear Implants. Otology and Neurotology, 2010, 31, 1035-1040.	0.7	57
11	Design for a Simplified Cochlear Implant System. IEEE Transactions on Biomedical Engineering, 2007, 54, 973-982.	2.5	55
12	Getting a decent (but sparse) signal to the brain for users of cochlear implants. Hearing Research, 2015, 322, 24-38.	0.9	43
13	Cochlear implants. Progress in Brain Research, 2011, 194, 117-129.	0.9	42
14	A Lancet Commission to address the global burden of hearing loss. Lancet, The, 2019, 393, 2106-2108.	6.3	42
15	Interfacing Sensors With the Nervous System: Lessons From the Development and Success of the Cochlear Implant. IEEE Sensors Journal, 2008, 8, 131-147.	2.4	37
16	The Design and Function of Cochlear Implants. American Scientist, 2004, 92, 436.	0.1	32
17	Harnessing the power of artificial intelligence to transform hearing healthcare and research. Nature Machine Intelligence, 2021, 3, 840-849.	8.3	23
18	Intelligibility in speech maskers with a binaural cochlear implant sound coding strategy inspired by the contralateral medial olivocochlear reflex. Hearing Research, 2017, 348, 134-137.	0.9	21

#	Article	IF	Citations
19	Challenges of the deaf and hearing impaired in the masked world of COVID-19. Indian Journal of Community Medicine, 2021, 46, 11.	0.2	21
20	Cost Effectiveness of Childhood Cochlear Implantation and Deaf Education in Nicaragua. Otology and Neurotology, 2015, 36, 1349-1356.	0.7	20
21	Binaural advantages in using a cochlear implant for adults with profound unilateral hearing loss. Acta Oto-Laryngologica, 2019, 139, 153-161.	0.3	19
22	Toward better representations of sound with cochlear implants. Nature Medicine, 2013, 19, 1245-1248.	15.2	16
23	The Modern Cochlear Implant: A Triumph of Biomedical Engineering and the First Substantial Restoration of Human Sense Using a Medical Intervention. IEEE Pulse, 2017, 8, 29-32.	0.1	16
24	Addressing the global burden of hearing loss. Lancet, The, 2021, 397, 945-947.	6.3	16
25	Partial Deafness Cochlear Implantation (PDCI) and Electric-Acoustic Stimulation (EAS). Cochlear Implants International, 2010, 11, 56-66.	0.5	15
26	Lateralization of virtual sound sources with a binaural cochlear-implant sound coding strategy inspired by the medial olivocochlear reflex. Hearing Research, 2019, 379, 103-116.	0.9	15
27	The cochlear implant and possibilities for narrowing the remaining gaps between prosthetic and normal hearing. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2017, 3, 200-210.	0.7	14
28	Effects of Electrical Stimulation in the Inferior Colliculus on Frequency Discrimination by Rhesus Monkeys and Implications for the Auditory Midbrain Implant. Journal of Neuroscience, 2016, 36, 5071-5083.	1.7	9
29	The Growingâ€"and Now Alarmingâ€"Burden of Hearing Loss Worldwide. Otology and Neurotology, 2017, 38, 1387-1388.	0.7	9
30	Harnessing the Power of Artificial Intelligence in Otolaryngology and the Communication Sciences. JARO - Journal of the Association for Research in Otolaryngology, 2022, 23, 319-349.	0.9	8
31	Evidence gaps in economic analyses of hearing healthcare: A systematic review. EClinicalMedicine, 2021, 35, 100872.	3.2	7
32	Bilaterally Combined Electric and Acoustic Hearing in Mandarin-Speaking Listeners: The Population With Poor Residual Hearing. Trends in Hearing, 2018, 22, 233121651875789.	0.7	6
33	Retrospective valuations of intellectual property. Journal of Technology Transfer, 2012, 37, 124-133.	2.5	5
34	Cochlear Implant Design Considerations. , 2016, , 3-23.		5
35	Development and validation of DeciBHAL-US: A novel microsimulation model of hearing loss across the lifespan in the United States. EClinicalMedicine, 2022, 44, 101268.	3.2	5
36	A â€˜top downâ€™ or â€˜cognitive neuroscienceâ€™ approach to cochlear implant designs and fittings. Cochlear Implants International, 2011, 12, S35-S39.	0.5	4

#	Article	IF	Citations
37	A Brief History of the Cochlear Implant and Related Treatments. , 2018, , 1197-1207.		4
38	Stimulation for the Return of Hearing. , 2009, , 713-722.		3
39	A Quest for Quality. Hearing Journal, 2016, 69, 10-12.	0.1	2
40	Stimulation for the Return of Hearing. , 2018, , 1209-1221.		2
41	Cochlear Prosthesisâ˜†. , 2017, , .		1
42	Use of Auditory Models in Developing Coding Strategies for Cochlear Implants. Springer Handbook of Auditory Research, 2010, , 237-260.	0.3	1
43	Validation of the Decision model of the Burden of Hearing loss Across the Lifespan (DeciBHAL) in Chile, India, and Nigeria. EClinicalMedicine, 2022, 50, 101502.	3.2	1