Blake S Wilson

List of Publications by Year
in descending order

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43 papers	3,367 citations	430442 18 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	2795 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	Addressing the global burden of hearing loss. Lancet, The, 2021, 397, 945-947.	6.3	16
6	Evidence gaps in economic analyses of hearing healthcare: A systematic review. EClinicalMedicine, 2021, 35, 100872.	3.2	7
7	Harnessing the power of artificial intelligence to transform hearing healthcare and research. Nature Machine Intelligence, 2021, 3, 840-849.	8.3	23
8	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
9	A Lancet Commission to address the global burden of hearing loss. Lancet, The, 2019, 393, 2106-2108.	6.3	42
10	Binaural advantages in using a cochlear implant for adults with profound unilateral hearing loss. Acta Oto-Laryngologica, 2019, 139, 153-161.	0.3	19
11	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
12	A Brief History of the Cochlear Implant and Related Treatments. , 2018, , 1197-1207.		4
13	Stimulation for the Return of Hearing. , 2018, , 1209-1221.		2
14	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
15	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
16	The Growingâ€"and Now Alarmingâ€"Burden of Hearing Loss Worldwide. Otology and Neurotology, 2017, 38, 1387-1388.	0.7	9
17	Global hearing health care: new findings and perspectives. Lancet, The, 2017, 390, 2503-2515.	6.3	383
18	Cochlear Prosthesisâˆ†. , 2017, , .		1

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19	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
20	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
21	A Quest for Quality. Hearing Journal, 2016, 69, 10-12.	0.1	2
22	Cochlear Implant Design Considerations. , 2016, , 3-23.		5
23	Cost Effectiveness of Childhood Cochlear Implantation and Deaf Education in Nicaragua. Otology and Neurotology, 2015, 36, 1349-1356.	0.7	20
24	Getting a decent (but sparse) signal to the brain for users of cochlear implants. Hearing Research, 2015, 322, 24-38.	0.9	43
25	Toward better representations of sound with cochlear implants. Nature Medicine, 2013, 19, 1245-1248.	15.2	16
26	Retrospective valuations of intellectual property. Journal of Technology Transfer, 2012, 37, 124-133.	2.5	5
27	Cochlear implants. Progress in Brain Research, 2011, 194, 117-129.	0.9	42
28	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
29	Remote Programming of Cochlear Implants. Otology and Neurotology, 2010, 31, 1035-1040.	0.7	57
30	A Summary of the Literature on Global Hearing Impairment. Otology and Neurotology, 2010, 31, 31-41.	0.7	98
31	Partial Deafness Cochlear Implantation (PDCI) and Electric-Acoustic Stimulation (EAS). Cochlear Implants International, 2010, 11, 56-66.	0.5	15
32	Use of Auditory Models in Developing Coding Strategies for Cochlear Implants. Springer Handbook of Auditory Research, 2010, , 237-260.	0.3	1
33	Stimulation for the Return of Hearing. , 2009, , 713-722.		3
34	Cochlear implants: A remarkable past and a brilliant future. Hearing Research, 2008, 242, 3-21.	0.9	607
35	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
36	Cochlear implants: Current designs and future possibilities. Journal of Rehabilitation Research and Development, 2008, 45, 695-730.	1.6	297

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37	The Surprising Performance of Present-Day Cochlear Implants. IEEE Transactions on Biomedical Engineering, 2007, 54, 969-972.	2.5	60
38	Design for a Simplified Cochlear Implant System. IEEE Transactions on Biomedical Engineering, 2007, 54, 973-982.	2.5	55
39	Two New Directions in Speech Processor Design for Cochlear Implants. Ear and Hearing, 2005, 26, 73S-81S.	1.0	60
40	The Design and Function of Cochlear Implants. American Scientist, 2004, 92, 436.	0.1	32
41	Cochlear Implants: Some Likely Next Steps. Annual Review of Biomedical Engineering, 2003, 5, 207-249.	5.7	154
42	Thirty years of theBritish Journal of Audiology: Guest editorial: The future of cochlear implants. International Journal of Audiology, 1997, 31, 205-225.	0.7	99
43	Better speech recognition with cochlear implants. Nature, 1991, 352, 236-238.	13.7	1,033