Carolina Abdala

List of Publications by Year
in descending order

57 papers	1,687 citations	218677 26 h-index	302126 39 g-index
59 all docs	59 docs citations	59 times ranked	656 citing authors

#	Article	IF	Citations
1	Characterizing the Relationship Between Reflection and Distortion Otoacoustic Emissions in Normal-Hearing Adults. JARO - Journal of the Association for Research in Otolaryngology, 2022, 23, 647-664.	1.8	6
2	Extended low-frequency phase of the distortion-product otoacoustic emission in human newborns. JASA Express Letters, 2021, 1, 014404.	1.1	2
3	Weakened Cochlear Nonlinearity During Human Aging and Perceptual Correlates. Ear and Hearing, 2021, 42, 832-845.	2.1	4
4	A cochlea with three parts? Evidence from otoacoustic emission phase in humans. Journal of the Acoustical Society of America, 2020, 148, 1585-1601.	1.1	4
5	Morphological Immaturity of the Neonatal Organ of Corti and Associated Structures in Humans. JARO - Journal of the Association for Research in Otolaryngology, 2019, 20, 461-474.	1.8	17
6	Variable-rate frequency sweeps and their application to the measurement of otoacoustic emissions. Journal of the Acoustical Society of America, 2019, 146, 3457-3465.	1.1	5
7	Effects of Forward- and Emitted-Pressure Calibrations on the Variability of Otoacoustic Emission Measurements Across Repeated Probe Fits. Ear and Hearing, 2019, 40, 1345-1358.	2.1	8
8	Swept-Tone Stimulus-Frequency Otoacoustic Emissions in Human Newborns. Trends in Hearing, 2019, 23, 233121651988922.	1.3	4
9	Swept-tone stimulus-frequency otoacoustic emissions: Normative data and methodological considerations. Journal of the Acoustical Society of America, 2018, 143, 181-192.	1.1	17
10	Reflection- and Distortion-Source Otoacoustic Emissions: Evidence for Increased Irregularity in the Human Cochlea During Aging. JARO - Journal of the Association for Research in Otolaryngology, 2018, 19, 493-510.	1.8	28
11	Probing apical-basal differences in the human cochlea using distortion-product otoacoustic emission phase. AIP Conference Proceedings, 2018, 1965, .	0.4	2
12	Characterizing spontaneous otoacoustic emissions across the human lifespan. Journal of the Acoustical Society of America, 2017, 141, 1874-1886.	1.1	13
13	Towards a joint reflection-distortion otoacoustic emission profile: Results in normal and impaired ears. Journal of the Acoustical Society of America, 2017, 142, 812-824.	1.1	19
14	Role of Neuropilin-1/Semaphorin-3A signaling in the functional and morphological integrity of the cochlea. PLoS Genetics, 2017, 13, e1007048.	3.5	16
15	Changes in the Compressive Nonlinearity of the Cochlea During Early Aging: Estimates From Distortion OAE Input/Output Functions. Ear and Hearing, 2016, 37, 603-614.	2.1	15
16	Frequency shifts in distortion-product otoacoustic emissions evoked by swept tones. Journal of the Acoustical Society of America, 2016, 140, 936-944.	1.1	7
17	Stimulus-frequency otoacoustic emissions in human newborns. Journal of the Acoustical Society of America, 2015, 137, EL78-EL84.	1.1	12
18	Optimizing swept-tone protocols for recording distortion-product otoacoustic emissions in adults and newborns. Journal of the Acoustical Society of America, 2015, 138, 3785-3799.	1.1	31

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19	Exploiting dual otoacoustic emission sources. AIP Conference Proceedings, 2015, 1703, .	0.4	2
20	Stability of the Medial Olivocochlear Reflex as Measured by Distortion Product Otoacoustic Emissions. Journal of Speech, Language, and Hearing Research, 2015, 58, 122-134.	1.6	13
21	Distortion-product otoacoustic emission reflection-component delays and cochlear tuning: Estimates from across the human lifespan. Journal of the Acoustical Society of America, 2014, 135, 1950-1958.	1.1	14
22	Aging of the medial olivocochlear reflex and associations with speech perception. Journal of the Acoustical Society of America, 2014, 135, 754-765.	1.1	32
23	Maturation of the human medial efferent reflex revisited. Journal of the Acoustical Society of America, 2013, 133, 938-950.	1.1	38
24	Maturation and Aging of the Human Cochlea: A View through the DPOAE Looking Glass. JARO - Journal of the Association for Research in Otolaryngology, 2012, 13, 403-421.	1.8	68
25	Morphological and Functional Ear Development. Springer Handbook of Auditory Research, 2012, , 19-59.	0.7	62
26	The relationship between MOC reflex and masked threshold. Hearing Research, 2011, 282, 128-137.	2.0	20
27	Distortion-product otoacoustic-emission suppression tuning in human infants and adults using absorbed sound power. Journal of the Acoustical Society of America, 2011, 129, EL108-EL113.	1.1	5
28	Deviations from Scaling Symmetry in the Apical Half of the Human Cochlea. , 2011, 1403, 483-488.		6
29	The breaking of cochlear scaling symmetry in human newborns and adults. Journal of the Acoustical Society of America, 2011, 129, 3104-3114.	1.1	27
30	Level dependence of distortion product otoacoustic emission phase is attributed to component mixing. Journal of the Acoustical Society of America, 2011, 129, 3123-3133.	1.1	29
31	Breaking away: Violation of distortion emission phase-frequency invariance at low frequencies. Journal of the Acoustical Society of America, 2011, 129, 3115-3122.	1.1	35
32	Differences in distortion product otoacoustic emission phase recorded from human neonates using two popular probes. Journal of the Acoustical Society of America, 2010, 128, EL49-EL55.	1.1	4
33	Distortion product otoacoustic emission phase and component analysis in human newborns. Journal of the Acoustical Society of America, 2010, 127, 316-325.	1.1	37
34	Considering distortion product otoacoustic emission fine structure in measurements of the medial olivocochlear reflex. Journal of the Acoustical Society of America, 2009, 125, 1584-1594.	1.1	76
35	Changes in the DP-Gram During the Preterm and Early Postnatal Period. Ear and Hearing, 2008, 29, 512-523.	2.1	13
36	Theory of forward and reverse middle-ear transmission applied to otoacoustic emissions in infant and adult ears. Journal of the Acoustical Society of America, 2007, 121, 978-993.	1.1	63

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37	Distortion product otoacoustic emission suppression tuning and acoustic admittance in human infants: Birth through 6 months. Journal of the Acoustical Society of America, 2007, 121, 3617-3627.	1.1	29
38	A comparative study of distortion-product-otoacoustic-emission fine structure in human newborns and adults with normal hearing. Journal of the Acoustical Society of America, 2007, 122, 2191-2202.	1.1	26
39	Effects of middle-ear immaturity on distortion product otoacoustic emission suppression tuning in infant ears. Journal of the Acoustical Society of America, 2006, 120, 3832-3842.	1.1	42
40	Effects of aspirin on distortion product otoacoustic emission suppression in human adults: A comparison with neonatal data. Journal of the Acoustical Society of America, 2005, 118, 1566-1575.	1.1	11
41	Distortion product otoacoustic emission (2f1â€“f2) suppression in 3-month-old infants: Evidence for postnatal maturation of human cochlear function?. Journal of the Acoustical Society of America, 2004, 116, 3572-3580.	1.1	20
42	Ipsilateral distortion product otoacoustic emission (2â€Šf1â€“f2) suppression in children with sensorineural hearing loss. Journal of the Acoustical Society of America, 2003, 114, 919-931.	1.1	19
43	A longitudinal study of distortion product otoacoustic emission ipsilateral suppression and input/output characteristics in human neonates. Journal of the Acoustical Society of America, 2003, 114, 3239-3250.	1.1	24
44	DPOAE suppression tuning: Cochlear immaturity in premature neonates or auditory aging in normal-hearing adults?. Journal of the Acoustical Society of America, 2001, 110, 3155-3162.	1.1	17
45	Maturation of the human cochlear amplifier: Distortion product otoacoustic emission suppression tuning curves recorded at low and high primary tone levels. Journal of the Acoustical Society of America, 2001, 110, 1465-1476.	1.1	48
46	Distortion Product Otoacoustic Emission Suppression in Subjects with Auditory Neuropathy. Ear and Hearing, 2000, 21, 542-553.	2.1	32
47	Distortion product otoacoustic emission (2f1-f2) amplitude growth in human adults and neonates. Journal of the Acoustical Society of America, 2000, 107, 446-456.	1.1	46
48	Maturation of medial efferent system function in humans. Journal of the Acoustical Society of America, 1999, 105, 2392-2402.	1.1	61
49	A developmental study of distortion product otoacoustic emission (2f1-f2) suppression in humans. Hearing Research, 1998, 121, 125-138.	2.0	60
50	Gender distinctions and lateral asymmetry in the low-level auditory brainstem response of the human neonate. Hearing Research, 1998, 126, 58-66.	2.0	41
51	Auditory threshold sensitivity of the human neonate as measured by the auditory brainstem response. Hearing Research, 1997, 104, 27-38.	2.0	124
52	Distortion product otoacoustic emission suppression tuning curves in human adults and neonates. Hearing Research, 1996, 98, 38-53.	2.0	80
53	The Development of Cochlear Frequency Resolution in the Human Auditory System. Ear and Hearing, 1996, 17, 374-385.	2.1	32
54	Hearing Threshold as Measured by Auditory Brain Stem Response in Human Neonates. Ear and Hearing, 1996, 17, 395-401.	2.1	38

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55	Distortion product otoacoustic emission (2â€‰<i>f</i>1âˆ’<i>f</i>2) amplitude as a function of <i>f</i>2/<i>f</i>1 frequency ratio and primary tone level separation in human adults and neonates. Journal of the Acoustical Society of America, 1996, 100, 3726-3740.	1.1	84
56	The development of frequency resolution in humans as revealed by the auditory brainâ€stem response recorded with notchedâ€noise masking. Journal of the Acoustical Society of America, 1995, 98, 921-930.	1.1	62
57	Frequency contribution to the clickâ€evoked auditory brainâ€stem response in human adults and infants. Journal of the Acoustical Society of America, 1995, 97, 2394-2404.	1.1	36