

Sandra E Trehub

List of Publications by Year in descending order

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Version: 2024-02-01

152
papers

10,717
citations

20797

60
h-index

39638

94
g-index

158
all docs

158
docs citations

158
times ranked

3142
citing authors

#	ARTICLE	IF	CITATIONS
1	The developmental origins of musicality. <i>Nature Neuroscience</i> , 2003, 6, 669-673.	7.1	329
2	Tuning in to musical rhythms: Infants learn more readily than adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12639-12643.	3.3	325
3	Metrical Categories in Infancy and Adulthood. <i>Psychological Science</i> , 2005, 16, 48-55.	1.8	325
4	Infants' responsiveness to maternal speech and singing. , 2004, 27, 455-464.		298
5	The Discrimination of Foreign Speech Contrasts by Infants and Adults. <i>Child Development</i> , 1976, 47, 466.	1.7	235
6	Children's Understanding of Emotion in Speech. <i>Child Development</i> , 2001, 72, 834-843.	1.7	214
7	Musical Predispositions in Infancy. <i>Annals of the New York Academy of Sciences</i> , 2001, 930, 1-16.	1.8	211
8	Natural Musical Intervals: Evidence From Infant Listeners. <i>Psychological Science</i> , 1996, 7, 272-277.	1.8	198
9	Maternal Singing Modulates Infant Arousal. <i>Psychology of Music</i> , 2003, 31, 365-375.	0.9	190
10	Infants' Perception of Melodies: The Role of Melodic Contour. <i>Child Development</i> , 1984, 55, 821-830.	1.7	187
11	Auditory processing of relational information by young infants. <i>Journal of Experimental Child Psychology</i> , 1977, 24, 324-331.	0.7	179
12	Infants' perception of rhythm: Categorization of auditory sequences by temporal structure.. <i>Canadian Journal of Psychology</i> , 1989, 43, 217-229.	0.8	178
13	Key membership and implied harmony in Western tonal music: Developmental perspectives. <i>Perception & Psychophysics</i> , 1994, 56, 125-132.	2.3	172
14	Without it no music: cognition, biology and evolution of musicality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140088.	1.8	170
15	Mothers' and fathers' singing to infants.. <i>Developmental Psychology</i> , 1997, 33, 500-507.	1.2	169
16	A comparison of infants' and adults' sensitivity to Western musical structure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1992, 18, 394-402.	0.7	165
17	Maternal singing in cross-cultural perspective. , 1993, 16, 285-295.		165
18	Good Pitch Memory Is Widespread. <i>Psychological Science</i> , 2003, 14, 262-266.	1.8	162

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19	Gap detection in infants, children, and adults. <i>Journal of the Acoustical Society of America</i> , 1995, 98, 2532-2541.	0.5	161
20	Infant music perception: Domain-general or domain-specific mechanisms?. <i>Cognition</i> , 2006, 100, 73-99.	1.1	156
21	Absolute Pitch and Tempo in Mothers' Songs to Infants. <i>Psychological Science</i> , 2002, 13, 72-75.	1.8	149
22	Developmental changes in infants' sensitivity to octave-band noises. <i>Journal of Experimental Child Psychology</i> , 1980, 29, 282-293.	0.7	148
23	Adults identify infant-directed music across cultures. , 1993, 16, 193-211.		146
24	Organizational Processes in Infants' Perception of Auditory Patterns. <i>Child Development</i> , 1987, 58, 741.	1.7	128
25	Duration illusion and auditory grouping in infancy.. <i>Developmental Psychology</i> , 1989, 25, 122-127.	1.2	128
26	Infants' Perception of Temporal Grouping in Auditory Patterns. <i>Child Development</i> , 1977, 48, 1666.	1.7	118
27	Infants Perception of Rhythmic Patterns. <i>Music Perception</i> , 2006, 23, 345-360.	0.5	118
28	Infants' sensitivity to vowel and tonal contrasts.. <i>Developmental Psychology</i> , 1973, 9, 91-96.	1.2	117
29	Children's perception of speech in multitalker babble. <i>Journal of the Acoustical Society of America</i> , 2000, 108, 3023-3029.	0.5	116
30	Developmental changes in masked thresholds. <i>Journal of the Acoustical Society of America</i> , 1989, 86, 1733-1742.	0.5	115
31	Lullabies and Simplicity: A Cross-Cultural Perspective. <i>Psychology of Music</i> , 1992, 20, 15-28.	0.9	112
32	Something in the Way She Sings. <i>Psychological Science</i> , 2012, 23, 1074-1078.	1.8	108
33	Auditory sensitivity in school-age children. <i>Journal of Experimental Child Psychology</i> , 1988, 46, 273-285.	0.7	107
34	What Mediates Infants' and Adults' Superior Processing of the Major over the Augmented Triad?. <i>Music Perception</i> , 1993, 11, 185-196.	0.5	103
35	Infants' perception of melodies: Changes in a single tone. , 1985, 8, 213-223.		102
36	Cross-cultural perspectives on music and musicality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140096.	1.8	101

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37	Perceptual grouping by infants and preschool children.. <i>Developmental Psychology</i> , 1988, 24, 484-491.	1.2	99
38	Infants' perception of musical relations in short transposed tone sequences.. <i>Canadian Journal of Psychology</i> , 1987, 41, 33-47.	0.8	97
39	Infants' and adults' perception of scale structure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1999, 25, 965-975.	0.7	95
40	Frequency ratios and the perception of tone patterns. <i>Psychonomic Bulletin and Review</i> , 1994, 1, 191-201.	1.4	93
41	Signature tunes in mothers' speech to infants. , 2007, 30, 648-654.		92
42	Singing Delays the Onset of Infant Distress. <i>Infancy</i> , 2016, 21, 373-391.	0.9	90
43	Infants' memory for musical performances. <i>Developmental Science</i> , 2006, 9, 583-589.	1.3	89
44	Music and Speech Processing in the First Year of Life. <i>Advances in Child Development and Behavior</i> , 1993, 24, 1-35.	0.7	85
45	Auditory-linguistic sensitivity in early infancy.. <i>Developmental Psychology</i> , 1972, 6, 74-77.	1.2	84
46	Rhythm and melody as social signals for infants. <i>Annals of the New York Academy of Sciences</i> , 2018, 1423, 66-72.	1.8	84
47	Infants' and adults' perception of scale structure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1999, 25, 965-975.	0.7	84
48	Conventional rhythms enhance infants' and adults' perception of musical patterns. <i>Cortex</i> , 2009, 45, 110-118.	1.1	83
49	Revisiting the innate preference for consonance.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 40-49.	0.7	82
50	Maternal Vocal Interactions with Infants: Reciprocal Visual Influences. <i>Social Development</i> , 2016, 25, 665-683.	0.8	81
51	Do Older Professional Musicians Have Cognitive Advantages?. <i>PLoS ONE</i> , 2013, 8, e71630.	1.1	80
52	Development of the perception of musical relations: Semitone and diatonic structure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1986, 12, 295-301.	0.7	76
53	Song Recognition by Children and Adolescents With Cochlear Implants. <i>Journal of Speech, Language, and Hearing Research</i> , 2006, 49, 1091-1103.	0.7	76
54	Effect of cochlear implants on children's perception and production of speech prosody. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 1307-1314.	0.5	76

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55	A novel tool for evaluating children's musical abilities across age and culture. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 30.	1.2	76
56	Age-related changes in auditory temporal perception. <i>Journal of Experimental Child Psychology</i> , 1987, 44, 413-426.	0.7	73
57	Infants' perception of good and bad melodies.. <i>Psychomusicology: Music, Mind and Brain</i> , 1990, 9, 5-19.	1.1	68
58	Expressive timing and dynamics in infant-directed and non-infant-directed singing.. <i>Psychomusicology: Music, Mind and Brain</i> , 2011, 21, 45-53.	1.1	68
59	Auditory sensitivity in preschool children. <i>Journal of the Acoustical Society of America</i> , 1986, 79, 447-452.	0.5	67
60	Children's Expression of Emotion in Song. <i>Psychology of Music</i> , 1998, 26, 133-153.	0.9	67
61	Familiar songs reduce infant distress.. <i>Developmental Psychology</i> , 2020, 56, 861-868.	1.2	67
62	Temporal Resolution in Infancy and Subsequent Language Development. <i>Journal of Speech, Language, and Hearing Research</i> , 1996, 39, 1315-1320.	0.7	66
63	Speech vs. singing: infants choose happier sounds. <i>Frontiers in Psychology</i> , 2013, 4, 372.	1.1	65
64	Cross-cultural convergence of musical features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8809-8810.	3.3	64
65	Ageing and auditory temporal sequencing: Ordering the elements of repeating tone patterns. <i>Perception & Psychophysics</i> , 1989, 45, 417-426.	2.3	63
66	Sources of Inflexibility in 6-Year-Olds' Understanding of Emotion in Speech. <i>Child Development</i> , 2003, 74, 1857-1868.	1.7	63
67	Infants'™ perception of musical patterns. <i>Perception & Psychophysics</i> , 1987, 41, 635-641.	2.3	62
68	Parents' sung performances for infants.. <i>Canadian Journal of Experimental Psychology</i> , 1997, 51, 385-396.	0.7	62
69	Frequency ratios and the discrimination of pure tone sequences. <i>Perception & Psychophysics</i> , 1994, 56, 472-478.	2.3	61
70	Cross-Cultural Work in Music Cognition. <i>Music Perception</i> , 2020, 37, 185-195.	0.5	61
71	Children's discrimination of melodic intervals.. <i>Developmental Psychology</i> , 1996, 32, 1039-1050.	1.2	60
72	Infants help singers of familiar songs. <i>Music & Science</i> , 2018, 1, 205920431876162.	0.6	60

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73	Children's use of semantic cues in degraded listening environments. <i>Journal of the Acoustical Society of America</i> , 2002, 111, 2242.	0.5	58
74	Infants' perception of timbre: Classification of complex tones by spectral structure. <i>Journal of Experimental Child Psychology</i> , 1990, 49, 300-313.	0.7	57
75	Musical context effects in infants and adults: Key distance.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1993, 19, 615-626.	0.7	55
76	Effects of Maternal Singing Style on Mother's Infant Arousal and Behavior. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1213-1220.	1.1	55
77	Adults recognize toddlers' song renditions. <i>Psychology of Music</i> , 2018, 46, 281-291.	0.9	53
78	Effect of Tempo and Dynamics on the Perception of Emotion in Music. <i>Psychology of Music</i> , 1997, 25, 149-160.	0.9	50
79	Mothers' and fathers' singing to infants. <i>Developmental Psychology</i> , 1997, 33, 500-7.	1.2	50
80	Culture-General and Culture-Specific Factors in the Discrimination of Melodies. <i>Journal of Experimental Child Psychology</i> , 1999, 74, 107-127.	0.7	47
81	Music Recognition, Music Listening, and Word Recognition by Deaf Children with Cochlear Implants. <i>Ear and Hearing</i> , 2007, 28, 29S-33S.	1.0	47
82	Pupils dilate for vocal or familiar music.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1061-1065.	0.7	46
83	Mothers' singing to infants and preschool children. , 1999, 22, 51-64.		44
84	Precursors to the performing arts in infancy and early childhood. <i>Progress in Brain Research</i> , 2018, 237, 225-242.	0.9	44
85	Musical Predispositions in Infancy: an Update. , 2003, , 2-20.		43
86	Is There an Asian Advantage for Pitch Memory?. <i>Music Perception</i> , 2008, 25, 241-252.	0.5	43
87	Children's perception of melodies: The role of contour, frequency, and rate of presentation. <i>Journal of Experimental Child Psychology</i> , 1985, 40, 279-292.	0.7	42
88	Musical affect regulation in infancy. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 186-192.	1.8	42
89	Music Recognition by Japanese Children with Cochlear Implants. <i>Journal of Physiological Anthropology and Applied Human Science</i> , 2005, 24, 29-32.	0.4	39
90	Children with bilateral cochlear implants identify emotion in speech and music. <i>Cochlear Implants International</i> , 2013, 14, 80-91.	0.5	39

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91	Emotion and music in infancy. <i>Musicae Scientiae</i> , 2001, 5, 37-61.	2.2	38
92	Pitch and Timing in the Songs of Deaf Children With Cochlear Implants. <i>Music Perception</i> , 2006, 24, 147-154.	0.5	38
93	Music in the Lives of Deaf Children with Cochlear Implants. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 534-542.	1.8	38
94	Maternal attachment and the communication of emotion through song. , 2003, 26, 1-13.		36
95	Developmental changes in the perception of pitch contour: Distinguishing up from down. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1759-1763.	0.5	36
96	Children's perception of familiar melodies: The role of intervals, contour, and key.. <i>Psychomusicology: Music, Mind and Brain</i> , 1985, 5, 39-48.	1.1	35
97	The Development of Referential Meaning in Music. <i>Music Perception</i> , 1992, 9, 455-470.	0.5	35
98	Toward a Developmental Psychology of Music. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 402-413.	1.8	35
99	Developmental Changes in High-Frequency Sensitivity. <i>International Journal of Audiology</i> , 1989, 28, 241-249.	0.9	32
100	Cross-cultural perspectives on pitch memory. <i>Journal of Experimental Child Psychology</i> , 2008, 100, 40-52.	0.7	29
101	Identification of TV Tunes by Children with Cochlear Implants. <i>Music Perception</i> , 2009, 27, 17-24.	0.5	26
102	Child implant users' imitation of happy- and sad-sounding speech. <i>Frontiers in Psychology</i> , 2013, 4, 351.	1.1	26
103	A comparison of the McGurk effect for spoken and sung syllables. <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 1450-1454.	0.7	25
104	Children's songs to infant siblings: parallels with speech. <i>Journal of Child Language</i> , 1994, 21, 735-744.	0.8	24
105	Cross-cultural differences in meter perception. <i>Psychological Research</i> , 2013, 77, 196-203.	1.0	24
106	Rapid Communication: Pianists exhibit enhanced memory for vocal melodies but not piano melodies. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 866-877.	0.6	24
107	Perceiving emotion in children's songs across age and culture ¹ . <i>Japanese Psychological Research</i> , 2004, 46, 322-336.	0.4	23
108	Infants' Responsiveness to Fathers' Singing. <i>Music Perception</i> , 2001, 18, 409-425.	0.5	21

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109	Binaural unmasking in infants. <i>Journal of the Acoustical Society of America</i> , 1988, 83, 1124-1132.	0.5	19
110	Decoding the Expressive Intentions in Children's Songs. <i>Music Perception</i> , 2000, 18, 213-224.	0.5	19
111	Enhanced processing of vocal melodies in childhood.. <i>Developmental Psychology</i> , 2015, 51, 370-377.	1.2	19
112	Music recognition by children with cochlear implants. <i>International Congress Series</i> , 2004, 1273, 193-196.	0.2	18
113	Nurturing infants with music. <i>International Journal of Music in Early Childhood</i> , 2019, 14, 9-15.	0.4	17
114	Dancing to Metallica and Dora: Case Study of a 19-Month-Old. <i>Frontiers in Psychology</i> , 2019, 10, 1073.	1.1	17
115	Children With Cochlear Implants Recognize Their Mother's Voice. <i>Ear and Hearing</i> , 2010, 31, 555-566.	1.0	16
116	In the beginning: A brief history of infant music perception. <i>Musicae Scientiae</i> , 2010, 14, 71-87.	2.2	16
117	Effects of musical training and culture on meter perception. <i>Psychology of Music</i> , 2017, 45, 231-245.	0.9	16
118	Development of consonance preferences in Western listeners.. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 634-649.	1.5	16
119	Chapter 5 Rules for Listening in Infancy. <i>Advances in Psychology</i> , 1990, 69, 87-119.	0.1	13
120	Music prototypes in developmental perspective.. <i>Psychomusicology: Music, Mind and Brain</i> , 1991, 10, 73-87.	1.1	13
121	Canadian and Japanese preschoolers's creation of happy and sad songs.. <i>Psychomusicology: Music, Mind and Brain</i> , 2011, 21, 69-82.	1.1	13
122	Enhanced Memory for Vocal Melodies in Autism Spectrum Disorder and Williams Syndrome. <i>Autism Research</i> , 2021, 14, 1127-1133.	2.1	12
123	Age-related changes in talker recognition with reduced spectral cues. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 501-508.	0.5	11
124	When is a Question a Question for Children and Adults?. <i>Language Learning and Development</i> , 2017, 13, 274-285.	0.7	11
125	Children's identification of familiar songs from pitch and timing cues. <i>Frontiers in Psychology</i> , 2014, 5, 863.	1.1	10
126	Absolute and relative pitch processing in tone learning tasks. <i>Developmental Science</i> , 2003, 6, 44-45.	1.3	9

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127	Acquisition of early words from single-word and sentential contexts. <i>Developmental Science</i> , 2007, 10, 190-198.	1.3	8
128	Behavioral methods in infancy: pitfalls of single measures. <i>Annals of the New York Academy of Sciences</i> , 2012, 1252, 37-42.	1.8	8
129	Children's identification of questions from rising terminal pitch. <i>Journal of Child Language</i> , 2016, 43, 1174-1191.	0.8	8
130	Temporal Auditory Processing in Infancy. <i>Annals of the New York Academy of Sciences</i> , 1993, 682, 137-149.	1.8	7
131	Music as a dishonest signal. <i>Behavioral and Brain Sciences</i> , 2008, 31, 598-599.	0.4	7
132	Infants Detect Cross-modal Cues to Identity in Speech and Singing. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 508-511.	1.8	7
133	Children's Recognition of Spectrally Degraded Cartoon Voices. <i>Ear and Hearing</i> , 2014, 35, 118-125.	1.0	7
134	Infant Musicality. , 2016, , .		7
135	Relations among Text, Mode, and Medium: Historical and Empirical Perspectives. <i>Music Perception</i> , 1996, 14, 3-21.	0.5	6
136	Cross-modal signatures in maternal speech and singing. <i>Frontiers in Psychology</i> , 2013, 4, 811.	1.1	6
137	Exaggeration of Language-Specific Rhythms in English and French Children's Songs. <i>Frontiers in Psychology</i> , 2016, 7, 939.	1.1	6
138	Contextual Distinctiveness Affects the Memory Advantage for Vocal Melodies. <i>Auditory Perception & Cognition</i> , 2019, 2, 47-66.	0.5	6
139	Imitation of Non-Speech Oral Gestures by 8-Month-Old Infants. <i>Language and Speech</i> , 2017, 60, 154-166.	0.6	5
140	The Maternal Voice as a Special Signal for Infants. , 2017, , 39-54.		5
141	Children's and adults' perception of questions and statements from terminal fundamental frequency contours. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 3123-3131.	0.5	5
142	HIIT the Road Jack: An Exploratory Study on the Effects of an Acute Bout of Cardiovascular High-Intensity Interval Training on Piano Learning. <i>Frontiers in Psychology</i> , 2020, 11, 2154.	1.1	5
143	Challenging infant-directed singing as a credible signal of maternal attention. <i>Behavioral and Brain Sciences</i> , 2021, 44, e117.	0.4	5
144	Cultural determinism is no better than biological determinism. <i>Behavioral and Brain Sciences</i> , 1998, 21, 427-428.	0.4	4

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145	Part IV: Developmental and Applied Perspectives on Music. Introduction. Annals of the New York Academy of Sciences, 2005, 1060, 198-201.	1.8	3
146	Music lessons from infants. , 2012, , .		3
147	Infant-Directed Singing from a Dynamic Multimodal Perspective. , 2020, , 249-261.		3
148	Review Essay: Musicality in the eye or ear of the beholder. Psychology of Music, 2010, 38, 499-502.	0.9	2
149	Music processing similarities between sleeping newborns and alert adults: cause for celebration or concern?. Frontiers in Psychology, 2013, 4, 644.	1.1	2
150	Infants's Perception of Auditory Patterns. , 2020, , 214-237.		1
151	Contrasting conceptions of human infants. Trends in Cognitive Sciences, 2002, 6, 326-327.	4.0	0
152	Perception: Music. , 2020, , 514-521.		0